

*Berberis brachypoda* Maxim. (Berberidaceae.) 40562. Plants of a barberry from Elstree, Herts, England. Presented by the Hon. Vicary Gibbs. "A yellow-flowered scarlet-fruited barberry, related to *B. amurensis*, from Central and Western China. A shrub up to six feet in height with elliptic-oblong, acute leaves, pubescent on both sides, one and one-half to three and one-half inches long, racemes pubescent, slender, two to three inches long, fruits elliptic, up to 11 mm. long and 6 mm. across, with a sessile stigma." (Sargent, *Plantae Wilsonianae*, and Bailey, *New Standard Cyclopaedia*.)

*Camoensia maxima* Welw. (Fabaceae.) 40391. Seeds from Loanda, Angola, Portuguese West Africa. "This climbing legume is suited for large greenhouses only or for tropical landscapes. It flowered at the Department greenhouses from October to December 1907. The plant is native to tropical West Africa, and was reported by Welwitsch, its discoverer, as adorning lofty trees in the outskirts of forests of the Golunga Alto 'with its splendid bunches of pendulous flowers, tinged with gold on the edge of the petals.' The flowers are borne in racemes of sometimes nearly a dozen and are probably the largest of all leguminous flowers. The individual flowers are as much as eight inches in length and the petals of a ghostly white, margined with old gold. The standard is about four inches in width, while the other petals are quite slender. When first opening the flowers have a delicious fragrance." (R. A. Young.)

*Castanea mollissima* Blume? (Fagaceae.) 40508. Seeds of a chestnut from Sianfu, Shensi, China. "A large-fruited variety of Chinese chestnut, coming from Ya tze ko, south of Sianfu, called *qui li tze*, meaning 'superior chestnut.' This variety is propagated by grafting. It seems on the whole somewhat more resistant to the bark disease (*Endothia parasitica*) than the ordinary strain of Chinese chestnut." (Meyer's introduction and description.) It is interesting to note in this connection that a tree raised from seed of S.P.I. 21875 introduced by Mr. Meyer from Pangshan as *Castanea sativa* but since determined as *Castanea mollissima* Blume, which was planted out in my garden in 1908, was inoculated by Mr. J. F. Collins of the Bureau of Plant Industry, Sept. 13, 1912. For a long time it showed no signs of the disease, but later developed a very mild form of it which was left on the tree until June 1st, 1913, when it was cut out. Notwithstanding the exposure to the disease which the inoculation and the long presence of the