

genus. As a shade tree for coffee this species is second in importance only to the "guava" (*I. vera*). Specimens have been found, in some cases, with nodules on the roots. The tree is one of those employed in the cacao cultivation of Guadeloupe in making hedges or windbreaks which are planted across the direction of the prevailing winds at distances of 100 m. (Adapted from Cook and Collins, Economic Plants of Porto Rico, Contributions from the U. S. National Herbarium, vol. 8, p. 167.)

Ipomoea carnea (Convolvulaceae), 52493. **Morning-glory.** From Bangkok, Siam. Collected by Mr. J. F. Rock, agricultural explorer. "This large, woody, scandent or rambling shrub, which can be grown over trellis work, is one of the largest flowered and handsomest species I know. It is covered with pink flowers all the year round and is easily grown from cuttings." (Rock.)

Irvingia malayana (Simaroubaceae), 52494. From Bangkok, Siam. Collected by Mr. J. F. Rock, agricultural explorer. "The seeds are very rich in fat, and an oil is extracted from them; they are also eaten roasted and remind one of butternuts. The seeds are sold on the market." (Rock.)

A tree native to Malacca, with thick, elliptic leaves, 4 inches long, and small flowers in axillary racemes. The large fruit is drupaceous. (Adapted from Hooker, Flora of British India, vol. 1, p. 522.)

Piper sp. (Piperaceae), 52572. From Kulara, via Cairns, Queensland. Seeds presented by Mr. J. A. Hamilton. "Wild pepper, a very ornamental vine, with very good fruits; it likes rich alluvial soil and plenty of moisture in the growing season. Of course it will not stand much frost, but as it is uninjured by the few frosty nights here, the plant should thrive in Southern California." (Hamilton.)

Quercus ilex (Fagaceae), 52506. **Holly oak.** From Thrace, Turkey. Seeds presented by Mr. Stephen R. Capps, U.S. Geological Survey, through Mr. T. H. Kearney, U. S. Department of Agriculture. "An evergreen, live oak, desirable as an ornamental and hedge plant, with a hollylike, usually crinkly leaf, ranging in shade in different individuals from yellow-green to dark green. The leaves are very dense, so that the bush looks solid, and about like holly leaves in that they are prickly enough to discourage animals and children but