

109606 to 109792—Continued.

Groff, through O. A. Reinking, Los Banos, Philippine Islands. Received June 14, 1921.

109759. CPB. 15093. *Lau Ch'ang*. From Szwui.*

109760. CPB. 15094. From Paak Shan.

109761. CPB. 15095. *Hang Chang*. From Szwui.

109762. CITRUS SOUTHWICKII Wester. Rutaceae. *Limao*.

From the Philippine Islands. Plant presented by the Bureau of Agriculture, Manila. Received May 26, 1915. A compact thorny tree which becomes about 20 feet high, with dark-green, thick, distinct leaves and attractive oblate inedible fruits, used by the Boholanos for washing clothes. Native to the Philippine Islands, from the island of Bohol through Mindanao.

For previous introduction see 41387.

109763. FERONIELLA OBLATA Swingle. Rutaceae. *Krassan*.

CPB. 7521. (Date of origin not found.) A spiny tree up to 65 feet high, native to forests in Cambodia and Cochin-China. The leaflets of the pinnate leaves are oval with rounded or flattened tips, and the very fragrant white flowers appear in panicles on the branches of the previous year's growth. The small fruits, less than 3 inches in diameter, are borne in clusters and have a pronounced orange flavor when young. The edible pinkish pulp is subacid and is used as a condiment in sauces.

For previous introduction see 43968.

109764. FICUS sp. Moraceae. *Fig*.

CPB. 10348. *Kazzi*. From Syria. Cuttings presented by A. E. Day, American University, Beirut. Received March 4, 1926.

109765. FORTUNELLA HINDSII (Champ.) Swingle. Rutaceae.

CPB. 7462-A. From Hong Kong, China. Originally presented by S. T. Dunn, Superintendent, Botanical and Forestry Department, January 1909. A small shrub with oval-elliptic, leathery leaves and small orange fruits. Native to southeastern China.

For previous introduction see 24587.

109766. HESPERETHUSA CRENULATA (Roxb.) Roemer. Rutaceae.

CPB. 2758. (Date of origin not found.) A shrub or small tree, native to India, where it grows in dry situations up to 4,000 feet altitude. The very small fruits are occasionally eaten.

109767. HYDNOCARPUS ANTHELMINTHICA Pierre. Flacourtiaceae.

CPB. 15132. Seedling plants collected by O. A. Reinking in Siam in 1920; received from Los Banos, Philippine Islands, June 14, 1921. The *matkrabao*, as this tree is called in Siam, where it is native, is 30 to 60 feet tall, with large leathery leaves a foot long, pale yellow above and greenish below. The rose or purplish flowers are followed by round fruits 3 inches in diameter which contain about 80 seeds, from which a fatty oil is expressed. This oil closely resembles chaul-

109606 to 109792—Continued.

mogra oil, which is used in the treatment of leprosy.

For previous introduction see 65731.

109768. LITCHI CHINENSIS Sonner. Sapindaceae. *Lychee*.

CPB. 12978-C. Specimen of fruit from Estero, Fla., from P. W. Campbell, June 30, 1931.

109769 to 109773. MICROCITRUS AUSTRALASICA (F. Muell.) Swingle. Rutaceae. *Finger lime*.

A spiny shrub or small tree 15 to 30 feet high, with small oval or ovate leaves up to 1½ inches long. The finger-shaped, slender fruits, up to 4 inches long, contain very acid juice. Native to New South Wales and Queensland.

For previous introduction see 57702.

109769. CPB. 7307. From Australia.

109770. CPB. 7307-B. A seedling of CPB. 7307.

109771. CPB. 7775-B. Received originally as seeds from James Pink, Brisbane, Australia, in May 1906, and assigned P. I. No. 18550.

109772. CPB. 11372. Originally received as seeds from Australia.

109773. CPB. 11411. *Sang*.

109774 and 109775. MICROCITRUS GARRAWAYI (Bail.) Swingle.

A small tree or shrub with very small, white flowers and ovoid to finger-shaped fruits. Native to Queensland, Australia.

109774. CPB. 11008.

109775. CPB. 11466.

109776. MICROCITRUS sp.

CPB. 7775-E. Original seed from Australia. Received under the name "virgata," for which a place of publication has not been found.

109777. MURRAYA EXOTICA L. Rutaceae. *Orange-jasmine*.

CPB. 7380. From India. An evergreen shrub, native throughout tropical Asia to the East Indies and as far as New Zealand. It has handsome pinnate foliage and large fragrant white flowers.

109778. PEDILANTHUS TITHYMALOIDES Poit. Euphorbiaceae.

CPB. 13104. A tender, cactuslike shrub about 5 feet high, native to tropical America. The red or purple flowers are in dense terminal cymes. In Mexico this is known as the *candelilla*.

109779. PISTACIA MEXICANA H. B. K. Anacardiaceae.

CPB. 7581. Originally received as seeds from Mexico, July 1, 1912. A slender shrub or small tree with pinnate leaves composed of 11 to 29 oblique-oblong leaflets and small dry fruits with edible seeds. Native to Mexico.

109780 to 109786. SEVERINIA BUXIFOLIA (Poir.) Ten. Rutaceae.

A small spiny shrub, native to southern China, with elliptical, wavy margined, glossy-green leaves. The small pure-white flowers are borne in axillary clusters, and the black succulent berries are about the size of a pea.