

93542. ZEA MAYS L. Poaceae. Corn.

From Mexico. Seeds presented by Emil Makrinus, Concordia, Oaxaca. Received June 8, 1931.

Indian name, *Chisè*. Corn grown in the mountains 10,000 feet above sea level. It matures in 11 months.

93543. GOSSYPIUM DAVIDSONII Kellogg. Malvaceae.

From San Marco Island, Lower California, Mexico. Seeds presented through E. H. Page, Oakland, Calif. Received June 8, 1931.

For previous introduction and description see 92901.

93544. MICHELIA CHAMPACA L. Magnoliaceae. Champac.

From Brazil. Seeds presented by P. H. Rolfs, Consultor Técnico de Agricultura do Estado de Minas Geraes. Received June 8, 1931.

A tall evergreen tree, native to the Himalayas, with pubescent branchlets, ovate-lanceolate leaves 8 to 10 inches long, and axillary, usually solitary, pale-yellow fragrant flowers 2 inches across.

For previous introduction see 73860.

93545. ZEA MAYS L. Poaceae. Corn.

From Mexico. Seeds presented by Emil Makrinus, Concordia, Oaxaca. Received June 8, 1931.

Introduced for the use of department specialists.

93546 and 93547. LOPHIRA ALATA Banks. Dipterocarpaceae.

From Africa. Seeds presented by the conservator of forests, Forestry Department, Accra, Gold Coast. Received June 9, 1931.

A large tree, native to tropical Africa, with obovate, crispate-undulate, coriaceous leaves 30 inches long, and terminal, pyramidal panicles of creamy white flowers 1 to 2 inches across. The fruit is subtended by the calyx, one lobe of which is enlarged to 4 inches long and is crimson when the nut is ripe.

93546. *Oda* No. 1. Collected in a high forest in the Oda district near Foso.

93547. *Kumasi* No. 2. Collected in a savanna forest in northwest Ashanti, a few miles south of Kintampo.

93548. IPOMOEA SP. Convolvulaceae.

From El Cayo, British Honduras. Tubers collected by H. H. Bartlett, director, department of botany, University of Michigan, Ann Arbor. Received June 9, 1931.

Wild sweetpotatoes, obtained from the Indians at San Antonio, a Maya village in the Cayo district. These tubers are used as food by the Indians.

93549. PIMENTA OFFICINALIS Lindl. Myrtaceae. Allspice.

From Honolulu, Hawaiian Islands. Seeds presented by Harold L. Lyon, in charge, department of botany and forestry, experiment station of the Hawaiian Sugar Planters Association. Received June 9, 1931.

93549—Continued.

A small tree, native to tropical America, whose unripe berries, when dried, form the allspice of commerce. It prefers a hot, rather dry climate, with alluvial, well-drained soil.

For previous introduction see 55102.

93550 to 93554. SORGHUM VULGARE Pers. Poaceae. Sorghum.

From the Union of Soviet Socialist Republics. Seeds presented by the Institute of Applied Botany, Leningrad. Received June 10, 1931.

A collection of native varieties of dwarf broomcorn from Turkmenistan.

93550. *Archman*. C. I. No. 1005.

93551. *Bairam-Ali*. C. I. No. 1006.

93552. *Dustu-Tepé*. C. I. No. 1004.

93553. *Mokhtan-Kala*. C. I. No. 1003.

93554. *Tolotan*. C. I. No. 1007.

93555. DIOSCOREA SP. Dioscoreaceae. Yam.

From China. Tubers collected by P. H. Dorsett and W. J. Morse, agricultural explorers, Bureau of Plant Industry. Received November 7, 1930. Numbered in June, 1931.

No. 7313. From Fou Chow Ssu Temple, September 29, 1930. Aerial tubers of a yam with cylindrical roots; one of the small-tubered yams of northern China.

93556. PIERIS SP. Ericaceae.

From China. Seeds presented by T. D. Payne, China Inland Mission, Luchang, Yunnan. Received June 11, 1931.

A small tree collected at 5,000 feet altitude in latitude 26° north.

93557 to 93571. SOJA MAX (L.) Piper (Glycine hispida Maxim.). Fabaceae. Soybean.

From Manchuria and Japan. Seeds collected by P. H. Dorsett and W. J. Morse, agricultural explorers, Bureau of Plant Industry. Received June 12, 1931.

Nos. 93557 to 93566 were received through the Mitsubishi Shoji Kaisha (Ltd.), Dairen, Manchuria.

Nos. 93557 to 93559 came originally from Yinkkou, Manchuria.

93557. No. 7930. A mixed sample of medium to medium-small yellow varieties, used for oil and oil meal.

93558. No. 7931. *Green*. A medium-sized light yellowish-green bean with pale hilum and yellow germ.

93559. No. 7932. *Paimei tou* (white eyebrow). A medium-sized oval, very light-yellow bean with pale hilum.

93560. No. 7933. *Paimei tou* (white eyebrow). Medium-small to medium-sized oval, light-yellow beans with pale hilum; originally from Mukden (Fengteng), Manchuria.

93561. No. 7934. *Ching yuan tou* (excellent grade). An oval light-yellow bean of medium size with light-brown hilum; originally from Tielling, Manchuria.