

80649. CITRUS VANGASAY Bojer. Rutaceae.

From near Tamatave, Madagascar. Seeds presented by the Station Agricole de l'Ivoloina, through Charles F. Swingle, Bureau of Plant Industry. Received May 31, 1929.

A shrub cultivated in the rural districts of Madagascar for the sake of its thick-skinned orangellike fruits which are flattened at both ends.

80650 to 80653.

From Japan. Seeds collected by P. H. Dorsett and W. J. Morse, Agricultural Explorers, Bureau of Plant Industry. Received May 31, 1929.

80650. BRASSICA OLERACEA VIRIDIS L. Brassicaceae. **Kale.**

No. 213. *Hanahabotan* (ornamental cabbage flower). From the Yamato Seed Co., Takadacho, Tokyo, May 6, 1929. In Japan it is used as an ornamental, and is grown in pots or small dishes.

80651. CHRYSANTHEMUM CORONARIUM L. Asteraceae. **Crowndaisy.**

No. 219. *Shungiku*. From the Yamato Seed Co., Takadacho, Tokyo, May 6, 1929. This is said to be the edible chrysanthemum or vegetable chrysanthemum. The leaves are used as a garnish, flavoring, and also cooked as spinach.

80652. TAONABO JAPONICA (Thunb.) Szysz. (*Ternstroemia japonica* Thunb.). Theaceae.

No. 124. Obtained from trees in a small park on the road to the Samkaido Building, Tokyo, April 30, 1929. A small evergreen Japanese tree about 12 feet high, with a much branched head, leathery entire oblong leaves, and small yellowish-white fragrant flowers. The globose fruits, about the size of a cherry, are yellow tinged with rose on the sunny side. The smooth timber is used for cabinetwork and interior decorating, and the bark is used for dyeing. The plants are dioecious.

80653. TRITICUM AESTIVUM L. (*T. vulgare* Vill.). Poaceae. **Common wheat.**

No. 133. From the Soy Sauce Laboratory of the Imperial Experiment Station, Nishigahara, Tokyo, May 3, 1929. This wheat, originally grown in the Tokyo district, is roasted, ground or coarsely cracked, mixed with boiled soybeans, and then rice bacteria are added in the making of soy sauce.

80654 to 80656.

From Darjiling, India. Seeds presented by J. E. Leslie, Curator, Lloyd Botanic Garden. Received June 7, 1929.

80654. GERBERA KUNZIANA Braun and Aschers. Asteraceae.

A herbaceous perennial with a rosette of ovate entire or pinnatifid leaves, woolly beneath, and scapes a foot high with filiform bracts, and bearing daisylike flower heads. It is native to the temperate slopes of the Himalayas in India.

For previous introduction see No. 39017.

80655. MAESA RUGOSA C. B. Clarke. Myrsinaceae.

A stout shrub or small tree, native to India at an altitude of 8,000 feet, with

80654 to 80656—Continued.

narrowly lanceolate coriaceous leaves 6 to 8 inches long and small white flowers borne in racemose panicles.

80656. RHODODENDRON CAMPANULATUM Don. Ericaceae.

A large evergreen shrub of stiff, spreading habit, sometimes 12 feet high, with oval leaves which are densely covered beneath with a red-brown felt. The flowers, of various rosy purple shades and about 2 inches across, are borne during April in rather loose clusters about 4 inches in diameter. It is native to India at an altitude of 13,000 feet.

For previous introduction see No. 75966.

80657. GOSSYPIUM sp. Malvaceae.**Cotton.**

From Bamoa, Sinaloa, Mexico. Seeds obtained from Dr. A. W. Morrill, through C. E. Bellis, United States Plant Quarantine and Control Administration. Received June 13, 1929.

80658. PERSEA sp. Lauraceae.

From Chichavac, Guatemala. Seeds presented by Wilson Popenoe, Research Department of the United Fruit Co., Tela, Honduras. Received June 17, 1929.

Aguate de Monte. A species growing at an altitude of 9,000 feet.

80659 and 80660.

From Victoriaborg, Akkra, Gold Coast, Africa. Seeds and tubers presented by L. A. King-Church, Conservator of Forests. Received June 14, 1929.

80659. FIRMIANA BARTERI (Masters) Schum. (*Sterculia barteri* Masters). Sterculiaceae.

An ornamental tree, native to tropical Africa, with rounded cordate leaves and loose panicles of small coral-pink flowers. The wood is light and used for fishnets and floats, and the fiber is used for making rope.

For previous introduction see No. 73054.

80660. LISSOCHILUS sp. Orchidaceae.**Orchid.**

A terrestrial orchid.

80661 and 80662.

From Manila, Philippine Islands. Seeds presented by P. J. Wester, Bureau of Agriculture. Received June 11, 1929.

80661. CLEMATIS GOURIANA Roxb. Ranunculaceae.

For previous introduction and description see No. 80119.

80662. CITRUS WEBBERII Wester. **Rutaceae.****Alsem.**

Kalpi. A small handsome tree, 15 to 30 feet high, which is very drought resistant. It is particularly abundant in the Mountain Province, Nueva Vizcaya, and southern Luzon. The better forms have oblate, very juicy acid fruits somewhat like the mandarin in appearance and up to 2½ inches in diameter; these may be used like the lemon. The species is very variable, and appears promising as a citrus stock.

For previous introduction see No. 62658.