

80036 to 80040.

From Miyazaki, Japan. Cuttings presented by Shigeki Matsubara, Miyazaki College of Agriculture. Received May 6, 1929.

80036. *PRUNUS SERRULATA* Lindl. Amygdalaceae. Oriental cherry.

*Aohada*. A variety used extensively by the Japanese as a stock on which the better varieties are grafted.

80037 to 80040. *VITIS VINIFERA* L. Vitaceae. European grape.

80037. *Chikuma*. 80039. *Kôshû*.

80038. *Enshin*. 80040. *Zenkôji*.

80041. *CASTANOPSIS* SP. Fagaceae. Evergreen chinquapin.

From Sandakan, British North Borneo. Seeds presented by D. D. Wood, Conservator of Forests. Received April 22, 1929.

80042. *BAUHINIA MALABARICA* R O X B. Caesalpiniaceae.

From Manila, Philippine Islands. Seeds presented by P. J. Wester, Bureau of Agriculture, Manila. Received April 13, 1929.

A small erect bushy tree, with thick rigid deeply bifid somewhat heart-shaped leaves 2 to 3 inches long. The small white flowers are in dense sessile axillary clusters. The rather turgid, straight, firm, narrow pods are a foot long. Its native habitat is the mountainous country of northeastern India.

For previous introduction see No. 52746.

80043. *SPARTINA TOWNSENDI* H. and J. Groves. Poaceae. Grass.

From London, England. Seeds presented by Prof. F. W. Oliver, University College, through H. N. Vinall, Bureau of Plant Industry. Received May 6, 1929.

Seeds gathered from plants growing in the Netherlands which had originated in roots obtained from Poole, England, in 1925.

For previous introduction and description see No. 80033.

80044. *PINUS INSULARIS* Endl. Pinaceae. Pine.

From Manila, Philippine Islands. Seeds presented by P. J. Wester, Bureau of Agriculture, Manila. Received April 24, 1929.

A tall 3-needle tropical pine which grows on the highlands in the Philippine Islands between altitudes of 3,000 and 8,000 feet. The flaccid slender leaves are 7 to 9 inches long, and the ovoid cones are about 3 inches long.

80045. (Undetermined.)

From West Africa. Seeds presented by G. W. Harley, Methodist Episcopal Mission, Ganta, Liberia. Received May 6, 1929.

A shrub or small tree growing in the interior of Liberia at an altitude of 1,000 feet. The fruits resemble the American cultivated black cherry in flavor, though they are much more acid, perhaps more closely approaching the flavor of the cranberry.

80046. *IPOMOEA MACALUSOI* Mattei. Convolvulaceae. Morning-glory.

From Italian Somaliland, Africa. Seeds collected by Dr. Mario Calvino, San Remo, Italy. Received May 7, 1929.

A very floriferous morning-glory, native to Italian Somaliland, with pubescent woody stems, broadly cordate villous leaves on long petioles, and axillary cymes of large campanulate orange-colored flowers margined with red.

80047. *FICUS CONORA* King. Moraceae. Fig.

From Summit, Canal Zone. Cuttings presented by J. E. Higgins, Director, Canal Zone Experiment Gardens. Received May 3, 1929.

A tree, native to New Guinea, with softly pubescent branchlets, lanceolate entire leaves 7 inches long, pubescent beneath, and turbinate fruits, an inch in diameter, borne on long flexuose leafless branches arising at the base of the trunk.

For previous introduction see No. 77658.

80048. *CARICA CAULIFLORA* Jacq. Papayaceae.

From Vera Cruz, Mexico. Seeds presented by Dr. C. A. Purpus, Zacuapam, Huatusco, Vera Cruz. Received April 29, 1929.

This relative of the papaya is a tree 9 to 12 feet high, which is cultivated and probably native to Central America and Mexico. The trunk is crowned with large leaves that are cordate at the base and have the tip lobed about half way down into acuminate segments. The inconspicuous inodorous flowers are followed by ovoid yellow fruits 3 to 4 inches long.

80049. *CYRILLA BACEMIFLORA* L. Cyrtillaceae. Leatherwood.

From Germantown, Philadelphia, Pa. Seeds purchased from Conyers B. Fleu. Received April 29, 1929.

A shrub or small tree up to 30 feet high, native from Virginia to Florida and Texas and extending to the West Indies and northern South America. The lustrous bright-green oblong leaves, 2 to 3 inches long, are evergreen in the South and turn to orange and scarlet in the northern deciduous form which is hardy as far north as New York. The small white flowers are borne in graceful racemes.

80050 and 80051. *ORYZA SATIVA* L. Poaceae. Rice.

From Pargannas District, Bengal, India. Seeds obtained through Robert Frazer, American Consul General, Calcutta, India. Received April 29, 1929.

80050. *Dakhina Patna*. A variety grown in the saline southern tracts of Pargannas District, especially in the Sunderbuns, the delta of the Ganges.

80051. *Uttara Patna*. A sweet variety grown in the northern tract of Pargannas District.

80052. *DEGUELLIA TRIFOLIATA* (Lour.) Taub. (*Derris uliginosa* Benth.). Fabaceae.

From Buitenzorg, Java. Seeds presented by Dr. W. M. Docters van Leeuwen, Director of the Java Botanic Gardens. Received April 24, 1929.