

78516—Continued.

A tropical Indian shrubby cotton with small yellow flowers. It came originally from the Sind Desert, and is of the 13-haploid-chromosome group and therefore will not cross with American types. The seed is difficult to germinate. It is sown in Nagpur about June, and before sowing the coat is carefully split with a knife or the seed is rubbed upon a piece of fine sandpaper, which allows access of water and helps germination.

For previous introduction see No. 77215.

78517. DIERVILLA sp. Hydrangeaceae.

From Morden, Manitoba, Canada. Cuttings presented by W. R. Leslie, superintendent of the experimental station for southern Manitoba. Received March 7, 1929.

A hardy ornamental shrub originally from Fort William, Ontario, Canada.

78518 to 78523.

From Rome, Italy. Scions presented by Signor Pirovano, through the American consulate, Rome. Received February 1, 1929.

78518. PRUNUS CERASELLA Hort. Plum.

A very early hard plum.

78519 to 78522. PRUNUS DOMESTICA × AMYGDALUS PERSICA. Amygdalaceae.

Plum-peach hybrids.

78519. A strong-growing hybrid with sterile pink flowers.

78520. An extra strong hybrid with pink flowers.

78521. A normal hybrid.

78522. A fertile hybrid with heartlike fruit that bursts.

78523. PRUNUS SALICINA × DASYCARPA. Amygdalaceae. Hybrid plum.

78524. SARACA INDICA L. Caesalpinaceae. Common saraca.

From Buitenzorg, Java. Seeds presented by Dr. W. M. Docters van Leeuwen, Director, Java Botanic Gardens. Received February 4, 1929.

No. 200. A medium-sized Indian tree with pinnately compound leaves of 6 to 12 oblong leathery leaflets 6 to 9 inches long and orange-red fragrant flowers in compact panicles.

For previous introduction see No. 73260.

78525. RIBES RECLINATUM L. Grossulariaceae. Gooseberry.

From Alnarp, Akarp, Sweden. Plants presented by Carl G. Dahl. Received January 19, 1929.

Scania. A gooseberry resistant to gooseberry mildew. It might be classified as an improved type of Houghton, but the growth is better and the leaves remain on the bush for a longer time, as it is never attacked by *Gloeosporium ribis*. The fruit is larger and was placed on the market in 1927.

78526. ACTINIDIA sp. Dilleniaceae.

From Deli Valley, Mishmi Hills, Assam, India. Seeds collected by Capt. F. Kingdon Ward and presented by Maj. Lionel de Rothschild, London, England. Received January 19, 1929.

78526—Continued.

No. 8690. September 26, 1928. A big ornamental vine of the middle forest, growing at an altitude of 10,000 feet. Native to Assam.

78527. DIOSPYROS SINENSIS Hemsl. Diospyraceae. Persimmon.

From Algeria, Africa. Seeds presented by Dr. L. Trabut, Government botanist, Algiers. Received March 8, 1929.

A large-fruited variety grown at the Station Botanique, Algiers, in 1928.

78528 and 78529.

From the New Hebrides. Seeds presented by Dr. E. D. Merrill, dean, college of agriculture, University of California. Received February 18, 1929.

78528. ARECA sp. Phoenicaceae. Palm.

No. 547. A tall pinnate-leaved palm similar to *Areca catchu*, the betel palm.

78529. SEAFORTHIA sp. Phoenicaceae. Palm.

No. 639. A pinnate-leaved palm.

78530. CASTANOPSIS CONCINNA (Champ.) A. DC. Fagaceae.

Evergreen chinquapin.

From Hong Kong, China. Seeds presented by H. Green, Superintendent, Botanical and Forestry Department. Received February 20, 1929.

A Chinese tree with oblong-lanceolate entire leathery leaves about 3 inches long, and densely spiny burs containing a solitary depressed-globular nut.

78531. GYNURA VIDALIANA Elmer. Asteraceae.

From Manila, Philippine Islands. Seeds presented by P. J. Wester, Bureau of Agriculture. Received February 20, 1929.

An interesting Philippine herb with orange-colored flowers popular with bees.

78532 and 78533.

From Richmond, Victoria, Australia. Seeds presented by F. H. Baker. Received February 20, 1929.

78532. CALLISTEMON CITRINUS (Curtis) Skeels (*C. lanceolatus* DC.). Myrtaceae. Lemon bottlebrush.

An evergreen shrub up to 12 feet high, with lanceolate leaves 1 to 3 inches long, reddish when young, and spikes, 2 to 4 inches long, of small flowers with long bright-red stamens. Native to southeastern Australia.

For previous introduction see No. 77385.

78533. HAKEA ACICULARIS (Vent.) Knight (*H. sericea* Schrad.). Proteaceae

A tall evergreen Australian shrub or small tree with awl-shaped leaves 1 to 3 inches long and axillary clusters of small white flowers.

For previous introduction see No. 77386.

78534. TAMARINDUS INDICA L. Caesalpinaceae. Tamarind.

From Manila, Philippine Islands. Seeds presented by P. J. Wester, Bureau of Agriculture. Received February 21, 1929.