

## 101414 to 101425—Continued

101424. *Gossypium* sp.  
C.B. 1020. Selfbred seed.
101425. *Gossypium* sp.  
C.B. 1021. Selfbred seed.

101426 to 101432. *Gossypium* HERBACEUM L. Malvaceae. Cotton.

From the Union of Soviet Socialist Republics. Seeds presented by N. A. Malinovsky, Central Agricultural Plant Breeding Station, Ganja Station, Azerbaijan, Transcaucasia. Received November 21, 1932.

101426. C.B. no. 1022. U.S.S.R. no. 101.
101427. C.B. no. 1023. U.S.S.R. no. 590 (?)
101428. C.B. no. 1024. U.S.S.R. no. 593.
101429. C.B. no. 1025. U.S.S.R. no. 606.
101430. C.B. no. 1026. U.S.S.R. no. 672.
101431. C.B. no. 1027. U.S.S.R. no. 703.
101432. C.B. no. 1028. U.S.S.R. no. 767.

101433. *Lycopersicon* ESCULENTUM Mill. Solanaceae. Tomato.

From Florida. Seeds presented by M. D. McNaughton, Coconut Grove. Received December 1, 1932.

A large medium-red tomato up to 4 inches in diameter. The meat is almost solid with very few seeds, and the flavor is very mild, almost no acid. The vine seems to be blight resistant, and the seeds are supposed to have come originally from Africa.

101434. *Melinis* MINUTIFLORA Beauv. Poaceae. Molasses grass.

From Colombia. Seeds presented by Willis C. McGuire, Medellin, through Raymond Phalen, American vice consul, Medellin. Received November 30, 1932.

Introduced for the use of Department specialists.

## 101435 to 101437.

From Cuba. Seeds presented by Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos. Received November 28, 1932.

101435. *Cassia* NODOSA Buch.-Ham. Caesalpinaceae.

A moderate-sized deciduous tree with long drooping branches and glossy leaves; in the spring it bears a profusion of beautiful pink, rose-scented flowers in dense clusters on long stalks. The leaves and flowers appear at the same time.

For previous introduction see 97868.

101436. *Gloriosa* SPECIOSA (Hochst.) Engler (*G. abyssinica* A. Rich.). Melanthiaceae. Glorilyly.

An erect bulbous perennial 1 to 2 feet high, native to tropical Africa. The lanceolate leaves, 5 to 6 inches long, are sometimes tendrill-bearing at the tip, and the yellow flowers, 2 to 3 inches long, have reflexed segments and are borne on nodding pedicels 3 to 4 inches long.

101437. *Volkameria* ACULEATA L. Verbenaceae.

A spiny climbing shrub 10 to 15 feet high, native to the West Indies. The thin elliptic-obovate leaves are 1 to 2 inches long, and the salverform white flowers with purple stamens are borne in axillary cymes.

101438 to 101446. *Hordeum* DISTICHON PALMELLA Harlan. Poaceae.

Two-rowed barley

From Hungary. Seeds presented by the Hungarian Commercial and Exchange Bank, Budapest. Received November 28, 1932.

101438 to 101442. Hungarian spring seed barley.

101438. No. 2327. 101441. No. 2485.

101439. No. 2439. 101442. No. 2486.

101440. No. 2440.

101443 to 101445. Czechoslovakian spring barley.

101443. No. 3030-A. 101445. No. 3159.

101444. No. 3158.

101446. Hungarian spring seed barley, no. 2305.

## 101447 to 101453.

From the Philippine Islands. Seeds presented by Arthur J. Fischer, director, Bureau of Forestry Manila. Received November 30, 1932.

101447. *Ormospira* CALAVENSIS Azsola. Fabaceae.

*Bahia*. A large tropical tree with unequally pinnate leaves consisting of 7 or 9 ovate leaflets. The violet-colored flowers are followed by small woody pods containing 2 or 3 coral-pink seeds. Native to the Philippine Islands.

101448. *Pinus* INSULARIS Endl. Pinaceae. Benguet pine.

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

101449. *Pterocarpus* VIDALIANUS Rolfe. Fabaceae.

*Prickly narra*. A tree native to the island of Luzon, with alternate, unequally pinnate leaves composed of 5 to 13 ovate papery pellucid-punctate leaflets 2 to 4 inches long. The small yellow flowers are followed by circular winged pods over an inch in diameter.

101450. *Sindora* SUPA Merr. Caesalpinaceae.

*Supa*. A timber tree, native to the Philippine Islands.

101451. *Vitex* PARVIFLORA Juss. Verbenaceae. Chaste-tree.

For previous introduction and description see 101265.

101452. *Wallaceodendron* CELEBICUM Koord. Mimosaceae.

*Banuyo*. A tall tree, native to the Celebes, with red-brown bark and compound leaves. The flowers resemble those of *Mimosa*, and the large pods are similar to those of *Entada*.

101453. *Xanthostemon* VERDUGONIANUS Naves. Myrtaceae.

*Mancone* or *palo de hierro*. A large evergreen tree with subopposite or subverticillate, obovate cuneate rounded leathery leaves 1 to 3 inches long, and small red-purple flowers in terminal cymes. Native to the island of Mindanao, Philippines.

101454. *Ephedra* INTERMEDIA Schrenk and Mey. Gnetaceae.

From India. Seeds presented by R. N. Parker, forest botanist, Forest Research Institute, Dehra Dun. Received November 28, 1932.