

## 103939 and 103940—Continued.

**103939. CLEMATIS SIMENSIS** Fresn. Ranunculaceae.

From Kisantu, Bas-Congo, Belgian Congo. A tropical climber with pinnately cut leaves; the membranous leaflets, usually 3 or 5, are ovate-lanceolate and crenate. The flowers, three-fourths of an inch across, are in axillary clusters. Native to Ethiopia.

**103940. CLEMATIS STANLEYI** Hook. Ranunculaceae.

From the Transvaal, Union of South Africa. An erect shrubby clematis with very variable foliage and flowers. In the native state the flower stems are 2 to 3 inches long, while in cultivation they reach a length of 8 to 10 inches. The flowers vary in size from 1 to 3 inches in diameter and in color from white to pinkish purple.

For previous introduction see 48307.

**103941. CASIMIROA TETRAMERIA** Millsp. Rutaceae. Matasano.

From Honduras. Seeds presented by R. Austin Acly, American consul, Tegucigalpa. Received November 22, 1933.

A Central American tree about 30 feet in height, with pale warty branches, digitate leaves about 8 inches long, and axillary panicles of greenish flowers. The edible fruit, approximately the size of an orange, has a green skin and spiny protuberances sparsely scattered over the surface; the white or yellow flesh is sweet or slightly sour and encloses 2 or 3 large black seeds.

For previous introduction see 55445.

**103942 to 103948. ANANAS SATIVUS** Schult. f. Bromeliaceae. Pineapple.

From Hawaii. Plants presented by J. L. Collins, geneticist, Experiment Station of the Association of Hawaiian Pineapple Canneries, Honolulu. Received November 27, 1933.

**103942. Bermuda.** A variety of unknown origin.

**103943. Hilo Cayenne.** A variety very similar to the *Cayenne* in general appearance; however, the plants do not produce slips, or only a very few, as contrasted with the 3 or 4 slips produced annually by the *Cayenne*.

**103944. Pernambuco.** A variety from South America.

**103945. Ruby.** A variety obtained from Singapore a number of years ago; we have more recently obtained what appears to be the same thing under the name *Mauritius*.

**103946. Sarawak.** A variety much like the *Cayenne*, secured from Singapore a number of years ago.

**103947. Wild Brazil.** A self-seeding type obtained in Brazil.

**103948. Wild Kailua.** A variety growing wild in the Kailua region of the island of Hawaii; origin not known.

**103949 to 103951. AVENA BYZANTINA** Koch. Poaceae. Oats.

From India. Seeds presented by Beni Pashad, fodder specialist, Agricultural College, Lyallpur. Received December 1, 1933.

Introduced for the use of Department specialists.

## 103949 to 103951—Continued.

**103949. Algerian Red** oat no. 35.

**103950. Algerian Red** oat no. 61.

**103951. Local Fo. S. 1/29.**

**103952. LIVISTONA ROTUNDIFOLIA** (Lam.) Mart. Phoenicaceae.

Java fan palm.

From Cuba. Seeds presented by Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, through F. G. Walsingham. Received December 4, 1933.

A fan-leaved palm closely related to the Chinese fan palm (*Livistona chinensis*). The erect, brownish-black trunk is 40 to 50 feet high, and the roundish leaves are 3 to 5 feet across with spiny petioles up to 6 feet in length. Native to Java.

**103953 to 103969. SECALE CEREALE** L. Poaceae. Rye.

From the Union of Soviet Socialist Republics. Seeds presented by Dr. N. I. Vavilov, director, Institute of Plant Industry, Leningrad. Received December 7, 1933.

A collection of ryes grown in the Soviet Socialist Republics, introduced for the use of Department specialists.

**103953. No. 1.** **103962. No. 10.**

**103954. No. 2.** **103963. No. 11.**

**103955. No. 3.** **103964. No. 12.**

**103956. No. 4.** **103965. No. 13.**

**103957. No. 5.** **103966. No. 14.**

**103958. No. 6.** **103967. No. 15.**

**103959. No. 7.** **103968. No. 16.**

**103960. No. 8.** **103969. No. 17.**

**103961. No. 9.**

## 103970 to 103972.

From Cuba. Seeds presented by Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, through F. G. Walsingham. Received December 6, 1933.

**103970. ADENANTHERA MICROSPERMA** Teijsm. and Binn. Mimosaceae.

Seeds from the Botanic Garden, Buitenzorg, Java. A handsome tropical tree closely related to the mimosas, with attractive, clean-cut foliage and twisted pods bearing bright-red beans. It is native to the East Indies and is considered a valuable timber tree because of its strong dark-brown wood, which is very hard in spite of the rapid growth of the tree.

For previous introduction see 63758.

**103971. HETEROSPATHE ELATA** Scheff. Phoenicaceae. Palm.

For previous introduction and description see 103782.

**103972. ZAMIA KICKXII** Miq. Cycadaceae.

A tropical palmlike plant with a very short thick stem and gracefully arching, pale-green pinnate leaves about a foot in length, composed of about 12 pairs of lanceolate pinnae 1 or 2 inches long. It is native to Cuba.