

9094 to 90942—Continued.

90941. ZAMIA PUMILA L. Cycadaceae.

A palmlike cycad with the trunk mostly underground. The compound leaves, 3 to 4 feet long, are made up of 20 to 50 coriaceous shining leaflets with entire margins except for a few teeth at the tip. The conelike fruits, 3 to 5 inches long, are covered with tomentose hexagonal scales, and the angled red seeds are 1 inch long. It is native to Cuba.

90942. ZANTHOXYLUM MARTINICENSE (Lam.) DC. Rutaceae.

A spiny tree up to 60 feet high, native to the West Indies, with compound leaves made up of oblong entire leaflets, small white flowers, and small fruits which open and show the bright black seeds.

90943. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.

From Hamburg, Germany. Seeds purchased from R. Liefmann & Sons. Received January 6, 1931.

Silesian red clover, produced in the district of Schweidnitz, in western-central Silesia.

90944 and 90945. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.

From Paris, France. Seeds purchased from Vilmorin-Andrieux & Co. Received January 6, 1931.

90944. Brittany grown.

90945. Vendee grown.

90946 to 90973.

From Quedlinburg, Germany. Seeds purchased from Heinr. Mette. Received January 6, 1931.

90946. ACHIMENES sp. Gesneriaceae.

No. 10796. Mixed varieties.

90947. ALLIUM PULCHELLUM Don. Liliaceae. Onion.

No. 11002. An onion with narrow-linear leaves about 1 foot long and a rather dense umbel of bell-shaped, violet flowers. Native to Asia Minor.

90948 to 90950. ARISTOLOCHIA spp. Aristolochiaceae.

90948. ARISTOLOCHIA ELEGANS Masters. Calicoflower.

No. 11770. A perennial vine with long-stalked, broadly cordate leaves 2 to 3 inches across, and solitary flowers, which have no unpleasant odor, borne on the pendulous young wood. The flowers have a yellow-green tube 2 to 3 inches long, and the cordate-circular limb, 3 inches across, is purple and white blotched, white outside, with a yellow eye. It is native to Brazil.

90949. ARISTOLOCHIA FIMBRIATA Cham.

No. 11772. A native of Argentina with a weak, slender stem, not climbing; the leaves are cordate-reiniform and very obtuse. The tube of the perianth is green, much curved, like a hunting horn, swollen at the base, expanding above into a large 1-sided limb which is greenish-brown outside and deep purple-brown inside, with yellow reticulations; the margin is beset with long succulent hairs, each tipped with a gland. The very sing-

90946 to 90973—Continued.

ular structure and color of the long-fringed flowers render this species particularly worthy of cultivation under glass or in favorable situations in the open.

For previous introduction see 48657.

90950. ARISTOLOCHIA GRANDIFLORA Swartz. Pelicanflower.

No. 11774. A downy climbing shrub with cordate-acuminate leaves and strong-scented flowers, 20 inches across, which in bud resemble a pelican with its head thrown back as at rest. The expanded limb of the flower is cordate-ovate, wavy margined, purple blotched, and has a slender ciliated tail 3 feet or more long. It is native to tropical America.

90951. COLCHICUM AUTUMNALE L. Melanthiaceae.

No. 16696. Meadow saffron.

90952. DAHLIA ROSEA Cav. (D. variabilis Hort.). Asteraceae.

No. 17250. Nana. Mixed dwarf single dahlias.

90953. DICENTRA SPECTABILIS (L.) Lemaire (Dielytra spectabilis Don). Papaveraceae. Bleedingheart.

No. 18244. Carminrosa.

90954. ESCHSCHOLTZIA CALIFORNICA Cham. Papaveraceae.

No. 18517. Canaliculata Mikado. A California poppy with crimson-scarlet-orange fluted petals.

90955. FREESIA HYBRIDA Hort. Iridaceae.

No. 18672. Ragioneri.

90956. GESNERIA HYBRIDA Hort. Gesneriaceae.

No. 18818. Mixed varieties.

90957. HEDYCHIMUM GARDNERIANUM Roscoe. Zinziberaceae. India gingerlily.

No. 19229. A lemon-flowered variety.

90958 and 90959. LACINARIA SPICATA (L.) Kuntze (Liatris spicata Willd.). Asteraceae. Spike gayfeather.

90958. No. 20620. Received as Liatris callilepis. A variety with purple-red flowers.

90959. No. 20622. Purpurrosa. A variety with purple flowers.

90960. OXALIS CORNICULATA ATROPURPUREA Planch. (O. tropeoloides Vilm.). Oxalidaceae. Nasturtium oxalis.

No. 21910. A yellow-flowered form with dark-brown leaves.

90961. OXALIS VALDIVIENSIS Barn. Oxalidaceae. Chilean oxalis.

No. 21911. A Chilean oxalis with very short stems, clustered leaves, and close umbels on long stems of small yellow flowers with red veins.

90962 to 90973. TROPAEOLUM spp. Tropaeolaceae.

90962 to 90966. TROPAEOLUM PELTOPHORUM Benth. (T. lobbianum Veitch). Shield nasturtium.

90962. No. 25420. Lobb's climbing; yellowish white.