

101356 to 101374—Continued

leaves 2 to 3 inches long. The 12 to 20 bright-red flowers are in a lax globose compound terminal cyme. Native to Madagascar.

101374. *KITCHINGIA PELTATA* Baker.

A succulent herbaceous ornamental with leaves petiolate, almost peltate, crenate, 2 to 3 inches long, green with red margins, and pink petioles and stems.

101375 to 101378. *CHAYOTA EDULIS* Jacq. Cucurbitaceae. **Chayote.**

From Guatemala. Fruits purchased from Don Jorge Garcia Salas, Director General of Agriculture, Guatemala City. Received November 15, 1932.

Native name, *quisquil*.

101375. A small round, ivory-white variety.

101376. A small pear-shaped, dark-green variety.

101377. A short, broad, dark-green variety.

101378. A pear-shaped, light-green variety.

101379 and 101380.

From Canada. Scions presented by F. L. Skinner, Dropmore, Manitoba. Received November 16, 1932.

101379. *SYRINGA OBLATA DILATATA* × *VULGARIS*. Oleaceae. **Lilac.**

Excel.

101380. *SYRINGA VILLOSA* × *SWEGINZOWII*. Oleaceae. **Lilac.**

Hermoine.

101381 to 101383.

From Huancayo, Peru. Bulbs and roots presented by Paul G. Ledig, Magnetic Observatory of the Carnegie Institution, Washington, D.C. Received November 16, 1932.

101381. (Undetermined.)

From the Hacienda Acopalca at 13,000 feet altitude. A lily with red blossoms which come just out of the ground like a crocus, but the blossoms are more tubular.

101382. *OXALIS* sp. Oxalidaceae.

No. 2. From the Hacienda Acopalca at 13,000 feet altitude. Found between the stones in an old stone wall along the road fill over a low swampy ditch.

101383. *OXALIS* sp. Oxalidaceae.

No. 4. From the Hacienda Chamiseria at 11,600 feet altitude. An oxalis with a very much thickened leaf stem, apparently as a sort of water storage, as they grow on very precipitous cliffs which dry out completely during the dry season.

101384 and 101385.

From Alaska. Seeds purchased from Walter J. Eyerdam, Seattle, Wash. Received November 15, 1932.

101384. *PHYLLODOCE ALEUTICA* (Spreng.) Heller. Ericaceae.

A low deciduous shrub with imbricated linear serrulate leaves and terminal clusters of small bell-shaped flowers. Native to the Aleutian Islands.

101385. *SORBUS KAMTSCHATCENSIS* Komarov. Malaceae. **Mountain-ash.**

A tree about 6 feet high with smooth, gray-brown bark, stout branches, and opaque, ovate-lanceolate, acuminate leaflets. The small pinkish fruits are in clusters 3 to 4 inches across. Native to the Kamchatka Peninsula.

101386. *CORYPHA UMBRACULIFERA* L. Phoenicaceae. **Talipot palm.**

From Ceylon. Seeds presented by T. H. Parsons, curator of the Royal Botanic Garden, Peradeniya. Received November 19, 1932.

A large fan palm up to 80 feet high. The leaves, 12 feet long and 16 feet broad, are made up of lobed segments, and the creamy white flowers are in terminal panicles 20 feet long. It is native to Ceylon.

For previous introduction see 93530.

101387 and 101388. *LUPINUS MUTABILIS* Sweet. Fabaceae. **South American lupine.**

From Huancayo, Peru. Seeds presented by Paul G. Ledig, Magnetic Observatory of the Carnegie Institution, Washington, D.C. Received November 16, 1932.

Tallhue, ulush. A handsome half-woody shrub about 6 feet high which is usually broad and bushy in habit. Above the attractive foliage rise numerous spikes of varicolored pea-shaped flowers. The predominant colors are blue, lilac, white, and yellow.

101387. Speckled seeds. 101388. White seeds.

101389 to 101393. *ALLIUM* spp. Liliaceae.

From China. Seeds presented by Albert N. Steward, College of Agriculture, University of Nanking. Received November 16, 1932.

101389. *ALLIUM CEPA* L. **Onion.**

Australian Brown. A variety introduced into China, probably from Australia.

101390. *ALLIUM FISTULOSUM* L. **Welsh onion.**

From the Sun Tomb. Originally from a foreign source.

101391 and 101392. *ALLIUM PORRUM* L. **Leek.**

Introduced seed which is now being cultivated in China.

101391. From the University Garden.

101392. From the Sun Tomb.

101393. *ALLIUM SATIVUM* L. **Garlic.**

A variety cultivated near the university nursery. The flowers are white, and both leaves and scapes are used as a vegetable.

101394. *BOURRERIA REVOLUTA* H. B. K. Boraginaceae.

From Cuba. Seeds presented by Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, through F. G. Walsingham. Received November 13, 1932.

A shrub or small tree native to the West Indies. The leathery ovate leaves are 1 to 2 inches long, and the rather large, white flowers are borne in terminal cymes. The slightly succulent red fruits are about one-third inch in diameter.

101395 to 101406.

From Manchuria. Seeds presented by B. V. Skvortzov, Botanical Department, 2-d High School, Chinese Eastern Railway, Harbin. Received November 13, 1932.

101395. *ACONITUM KUSNEZOFFII* Reichenb. Ranunculaceae. **Monkshood.**

An erect, hardy, herbaceous perennial, native to northeastern Asia, with terminal clusters of bluish flowers.