

93127 to 93143.

From the Netherlands. Bulbs and roots purchased from C. G. Van Tubergen (Ltd.), Zwanenburg Nurseries, Haarlem. Received April 24, 1931.

93127 to 93141. CRINUM spp. Amaryllidaceae.

Nos. 93127 to 93132 are bulbs native to southern Africa.

93127. CRINUM LONGIFOLIUM (L.) Thunb. (*Amaryllis longifolia* L.). Hardy crinum.

Variety *album*. A perennial with 12 or more strap-shaped leaves 2 to 3 feet long and a scape crowned with a cluster of 6 to 12 tubular white flowers 3 or 4 inches long.

93128. CRINUM sp.

Variety *H. J. Elwes*.

93129. CRINUM LONGIFOLIUM (L.) Thunb. (*Amaryllis longifolia* L.). Hardy crinum.

A perennial with 12 or more strap-shaped leaves 2 to 3 feet long and a scape crowned with a cluster of 6 to 12 tubular red flowers 2 to 4 inches long.

93130. CRINUM LONGIFOLIUM (L.) Thunb. (*Amaryllis longifolia* L.). Hardy crinum.

Variety *album*.

For previous introduction see 93127.

93131. CRINUM MOOREI Hook. f. Longneck crinum.

A perennial with 12 to 15 strap-shaped leaves 2 to 3 feet long, and a scape 2 to 3 feet high crowned with funnel-shaped flowers having a greenish tube 3 inches long and a pinkish limb of equal length.

93132. CRINUM MOOREI Hook. f. Longneck crinum.

Variety *album*. A form with white flowers.

93133. CRINUM PEDUNCULATUM R. Br.

Bulbs of a perennial native to Australia, with 25 to 30 leaves and an umbel of 20 to 30 greenish-white, salver-shaped flowers having linear spreading segments and red anthers.

93134 to 93141. CRINUM POWELLII Baker. Powell crinum.

A bulbous plant with about 20 spreading strap-shaped leaves 3 to 4 feet long and about 8 rose-colored flowers in large showy heads, terminating a scape 1 foot or more high. It is considered to be a hybrid between *Crinum longifolium* and *C. moorei*.

For previous introduction see 79993.

93134. Typical form.

93135. *Album*.93136. *Harlemense*.93137. *Intermedium*.93138. *Krelagei*.93139. *Praintanum*.93140. *Rattrayi*.93141. *Yemensis*.

93142. RANUNCULUS ACONITIFOLIUS L. Ranunculaceae. Aconite buttercup.

Roots of the variety *fl. pleno*.

93127 to 93143—Continued.

93143. RANUNCULUS ACRIS L. Ranunculaceae. Tall buttercup.

Roots of the variety *fl. pleno*.

93144 to 93152. ASTER spp. Astera-ceae.

From The Pas, Manitoba, Canada. Plants collected by Knowles A. Ryerson, Bureau of Plant Industry; W. A. Alderman, Minnesota Agricultural Experiment Station; and W. R. Leslie, superintendent of the experiment station, Morden, Manitoba. Received September 30, 1929. Numbered in April, 1931.

93144 and 93145. ASTER LINDLEYANUS Torr. and Gray. Lindley aster.

A perennial aster up to 6 feet high, with rather thick, sharply serrate ovate leaves 2 to 4 inches long and loose panicles of blue or violet flower heads 1 inch across. It is native to the northern part of North America.

93144. No. 106. A variety with purple flowers.

93145. No. 125. A variety with blue flowers.

93146. ASTER PANICULATUS Lam.

No. 127. A strain with pink flowers. A perennial branched aster 2 to 8 feet high, with lanceolate to linear, serrate leaves 3 to 6 inches long. The numerous flower heads, 1 inch across, are usually white or tinged with violet. It is native to the northern part of North America.

93147. ASTER NOVAE-ANGLIAE L. New England aster.

No. 172. A strain with dark-red flowers. A perennial herb with stout leafy stems 2 to 8 feet high, native to the eastern part of North America. The thin, lanceolate leaves clasp the stem by an auriculate base, and the flower heads, often 2 inches across, are usually violet-purple, but vary through red and pink to white.

93148. ASTER LAEVIS L. Smooth aster.

No. 174. A strain with light-blue flowers. A stout glabrous herbaceous perennial 2 to 4 feet high, native to North America. The thick, usually entire leaves are 1 to 4 inches long, and the flower heads, about 1 inch broad, are violet or light blue.

93149. ASTER sp.

No. 175. Flowers blue.

93150. ASTER MULZIFLORUS Ait. Wreath aster.

No. 177. A bushy, much-branched, herbaceous perennial 1 to 7 feet high, native to eastern North America. The leaves on the main stem are linear, entire, and 1 to 2 inches long. On the branches the leaves are very small and closely crowded. The small white flower heads, one-fourth of an inch across, are crowded on the 1-sided branches, forming a dense mass.

93151. ASTER PANICULATUS Lam.

No. 179.

For previous introduction and description see 93146.

93152. ASTER NOVAE-ANGLIAE L. New England aster.