

93144 to 93152—Continued.

No. 180. A strain with dark-purple flowers.

For previous introduction and description see 93147.

93153 to 93168.

From the Netherlands. Bulbs and roots purchased from C. G. Van Tubergen (Ltd.), Zwanenburg Nurseries, Haarlem. Received April 25, 1931.

93153. *ALLIUM PULCHELLUM* Don. Liliaceae.

An onion with narrow-linear leaves about 1 foot long and a rather dense umbel of bell-shaped violet flowers. Native to Asia Minor.

For previous introduction see 90947.

93154. *ZEPHYRANTHES CANDIDA* (Lindl.) Herb. (*Amaryllis candida* Lindl.) Amaryllidaceae. Autumn zephyrilly.

A subtropical bulbous plant with linear leaves 1 foot long, appearing with the flowers; these are white, often rose tinted on the outside, and about 2 inches long. It is native to Argentina.

For previous introduction see 80015.

93155. *SPREKELIA FORMOSISSIMA* (L.) Herb. (*Amaryllis formosissima* L.) Amaryllidaceae. St. James lily.

A bulbous perennial, native to Mexico, with 3 to 6 linear leaves 1 to 2 feet long, a scape 1 foot high, and 1 large gaping bright-red flower 3 to 4 inches long.

93156 and 93157. *POLYGONATUM VERMICILLATUM* (L.) All. Convallariaceae. Solomonseal.

A perennial herb with a creeping knotted rootstock, angled and grooved stems 2 to 4 feet high, whorls of 4 to 8 linear leaves 3 to 6 inches long, and axillary peduncles bearing 2 to 3 tubular whitish flowers with green tips, followed by red berries. It is native to Europe and temperate Asia.

93156. Variety *macrophyllum*. Possibly a distinct variety with more robust habit and larger leaves.

93157. Typical form.

93158 to 93160. *HIPPEASTRUM* spp. Amaryllidaceae.

93158. *HIPPEASTRUM ADLICUM* Herb.

A bulbous perennial with 6 to 9 broadly linear leaves 1 to 2 feet long and a scape 2 feet high bearing, usually, 2 large bright-red tubular flowers having segments 5 to 6 inches long and a green corona in the throat of the flower. It is native to Brazil.

93159. *HIPPEASTRUM RETICULATUM* (L'Her.) Herb.

A bulbous perennial with bright-green radical leaves 1 foot long and a scape the same height bearing three to six flowers 4 to 5 inches across. The obovate segments of the perianth are mauve to purple red with bars and cross lines of crimson. It is native to Brazil.

Variety *striatifolium*. A form with broader leaves, having a white keel.

93160. *HIPPEASTRUM RUTILUM* (Edwards) Herb.

93153 to 93168—Continued.

A perennial with small bulbs, 2 to 3 inches in diameter, and bright-green leaves 1 foot long and over 1 inch wide; the glaucous scape, as long as the leaves, is somewhat compressed and bears two to four red flowers. It is a good house plant and flowers every year in living rooms, often sending up two or more flower stalks.

For previous introduction see 54042.

93161 to 93167. *HYMENOCALLIS* spp. Amaryllidaceae.

93161. *HYMENOCALLIS CALATHINA* (Ker) Nichols. Lilybasket.

A bulbous perennial, native to Peru and Bolivia, with 6 to 8 strap-shaped leaves less than 2 feet long and a 2-edged scape about 2 feet high, bearing a sessile umbel of 2 to 5 flowers. The perianth tube, 3 to 4 inches long, is green and is enlarged above; the lanceolate segments, as long as the tube, are white; and the corollalike cup is green striped with rounded, fringed lobes.

93162. *HYMENOCALLIS CONCINNA* Baker.

A Mexican spiderlily with a relatively small bulb and ovate sessile leaves 1 inch wide and 1 foot long. The flowers are in a dense umbel, the slender perianth tube is 2 inches long, and the linear lobes are the same length. The basal cup is funnel shaped and half an inch long, and the anthers are long and slender.

93163. *HYMENOCALLIS FESTALIS* Hort.

A name for which a place of publication and a description have not been found.

93164. *HYMENOCALLIS HARRISIANA* Herb. Lilybasket.

A bulbous perennial, native to Mexico, with 3 to 6 narrowly obovate leaves 1 foot long, a slender glaucous scape shorter than the leaves, and a sessile umbel of 2 to 3 fragrant white flowers. The tube is 3 to 4 inches long, the linear segments are about 3 inches long, and the funnel-shaped cup is plicated and toothed.

93165. *HYMENOCALLIS* sp.

Sulphur Beauty.

93166. *HYMENOCALLIS* sp.

Sulphur Gem.

93167. *HYMENOCALLIS* sp.

Sulphur Queen.

93168. *RANUNCULUS MONTANUS DENTATUS* Baum. (*R. carpaticus* Herlich.) Ranunculaceae. Buttercup.

A perennial herb with a short, creeping rootstock, pubescent stems 6 to 12 inches high, 3-parted to 5-parted leaves with linear dentate lobes, and bright-yellow flowers more than 1 inch across. It is native to the mountains of Europe.

93169 to 93222.

From India. Seeds presented by the curator, Lloyd Botanic Garden, Darjeeling.

Received April 27, 1931.

A collection of eastern Himalayan plants.