

101164 to 101168—Continued

produces 5 to 8 glaucous green leaves 12 to 18 inches long and a scape 1 to 2 feet high, bearing a 6- to 12-flowered raceme of fragrant white flowers. The pistil is black and adds to the attractiveness of the flowers. This species is very popular for pot culture.

101168. *TULIPA HAGERI* Heldr. Liliaceae. Tulip.

Bulbs of a tulip with a flowering stem about a foot high which bears a single flower up to 2 inches long. The perianth segments are brownish on the outside and intensely scarlet within. The 3 or 4 leaves are narrow and grooved. Native to the mountains of Greece.

101169. *TRAGOPOGON* sp. Cichoriaceae.

From Turkistan. Seeds presented by the Tuggourt Botanic Garden. Received October 7, 1932.

101170. *CROCUS SIEBERI* J. Gay. Iridaceae.

From Greece. Seeds presented by Prof. P. Th. Anagnostopoulos, École Supérieure d'Agriculture, Athens. Received October 8, 1932.

A bulbous perennial, native to Greece, with 4 to 6 linear-lanceolate leaves, glaucous beneath, and lilac flowers with a yellow glabrous throat. The orange anthers are twice as long as the filaments, and the orange-red style branches are nearly entire.

101171. *ALLIUM CEPA* L. Liliaceae.
Onion.

From India. Seeds presented by the director of agriculture, Imperial Institute of Agricultural Research, Pusa. Received October 8, 1932.

Introduced for breeding studies of Department and experiment-station workers.

101172. *ACER SIEBOLDIANUM MICROPHYLLUM* Maxim. Aceraceae. Maple.

From Amherst, Mass. Seeds from trees growing on the campus of the Massachusetts Agricultural College, presented by Prof. L. L. Blundell. Received October 8, 1932.

A shrub or small tree, native to Japan, with 7- to 9-lobed leaves only 2 inches broad. The small yellowish flowers are borne on nodding peduncles and the winged fruits, less than an inch long, spread at an obtuse angle.

101173 to 101175.

From France. Plants purchased from V. Lemoine & Sons, Nancy. Received October 11, 1932.

101173. *THAMNOCALAMUS* sp. (*Bambusa gracilis* Hort.). Poaceae. Bamboo.

A somewhat tender bamboo of the Himalayas, very similar to *Thamnocalamus falcata*. The thin leaves are linear-lanceolate, and the ligules of the sheaths are rather prominent. The slight purple coloring of the sheath extends around the finely serrulate margin of the blade. The blade is very slightly cross-veined. The genus *Thamnocalamus* is closely allied to *Arundinaria* and is often considered as only a section of the latter.

101174. *SASA DISTICHA* (Mitf.) E. G. Camus (*Bambusa nana* Hort.). Poaceae. Bamboo.

A dwarf bamboo of running habit growing 3 to 5 feet high, with rather narrow leaves 2 to 4 inches long, in pronouncedly distichous arrangement.

101175. *SHIBATAEA KUMASASA* (Zoll.) Makino (*Bambusa viminalis* Hort.). Poaceae. Bamboo.

This odd little bamboo, which in the past has carried several different botanical names and which looks but little like a bamboo, grows 2 to 6 feet in height. The branches, usually five in

101173 to 101175—Continued

number, are diminutive, and each bears a single, terminal, ovate-lanceolate, dark-green leaf 2 to 3 inches long and nearly an inch wide. The foliage is more or less injured at temperatures of 5° to 10° F.

101176 to 101179.

From Africa. Seeds presented by Charles S. Dole, Bahamas Plantations Co., Ltd., Nassau, New Providence Island, Bahamas, British West Indies. Received October 7, 1932.

A collection of seeds from the National Botanic Gardens at Kirstenbosch, Cape Colony, Union of South Africa.

101176 to 101178. *ALOE* spp. Liliaceae.

101178. *ALOE KRAPHOLIANA* Marloth.

A small aloe with a basal rosette of 20 to 30 leaves each about 4 inches long and armed with very numerous small white teeth. The brick-red flowers are on a scape 18 inches high.

101177. *ALOE LONGISTYLA* Baker.

A stemless southern African perennial with a dense rosette of about 30 lanceolate green leaves 6 inches long tapering to a horny point and having a pale-brown prickly margin. The bright-red tubular flowers are borne in a dense raceme 3 to 5 inches long.

101178. *ALOE SCHLECHTERI* Schoenl.

An aloe with olive-green leaves about 8 inches long, armed on the margin with brown horny deltoid prickles. The light-yellow flowers, on short pedicels, are in dense racemes about 6 inches long.

For previous introduction see 98010.

101179. *TERYALLIS GRACILIS* (Bartl.) Kuntze. Malpighiaceae.

A shrub, native to Central America and naturalized in the West Indies. The narrowly elliptical leaves are 1 to 2 inches long, and the yellow flowers, 1 inch across, are borne in ample panicles.

101180. *CITRUS* sp. Rutaceae.

From French Indo-China. Seeds presented by M. Poilane, Arboretum de Erang Bôm, Province de Bienhoa, Cochinchina. Received October 12, 1932.

101181 to 101184. *AVENA SATIVA* L. Poaceae. Oats.

From Scotland. Seeds presented by William Robb, director of research, Scottish Society for Research in Plant-Breeding, Craigs House, Corstorphine, Edinburgh. Received October 12, 1932.

101181. *Bell.* 101183. *Potato.*

101182. *Elder.* 101184. *Tam Finlay.*

101185 and 101186.

From Australia. Seeds presented by the Botanic Gardens, Darwin, Northern Territory. Received October 12, 1932.

101185. *ALYSICARPUS VAGINALIS* (L.) DC. Fabaceae.

An annual legume from 3 to 6 feet high. Under favorable circumstances it may be cut 2 or 3 times a season.

101186. *STYLOSANTHES MUCRONATA* Willd. Fabaceae.

A much-branched undershrub, 1 to 2 feet high, native to southern Asia and tropical Africa. The rigidly coriaceous trifoliate leaves have oblong leaflets about one half inch long, and the inconspicuous flowers are in small dense heads. Of possible value as a forage crop.