

81998. IPOMOEA MACALUSOI Mattel.
Convolvulaceae. **Morning-glory.**

From Italian Somaliland, Africa. Seeds collected by Dr. Mario Calvino, San Remo, Italy. Received December 7, 1929.

A high-climbing tropical woody vine with branches 6 feet or more long. The rounded oval leaves are 5 inches wide, and the handsome bell-shaped light-orange flowers, 2 inches or more long, have red-margined petals and are in nearly sessile cymes. Native to Italian Somaliland.

For previous introduction see No. 80046.

81999. ERICA SCOPARIA L. Ericaceae.

From Newry, Ireland. Seeds purchased from T. Smith, Daisy Hill Nursery. Received December 13, 1929.

An evergreen shrub, native to southern Europe, 10 feet high, with upright branches, small lustrous dark-green linear leaves in whorls of three or four, and long cylindrical spikes of greenish-white flowers.

For previous introduction see No. 79018.

82000 to 82007. GOSSYPIUM spp. Malvaceae. **Cotton.**

From the Galápagos Islands and the Marquesas Islands. Seeds obtained by A. K. Fisher, Bureau of Biological Survey. Received December 4, 1929.

82000. GOSSYPIUM sp.

A. From Albemarle Island, Galápagos Islands, August 22, 1929. Bolls small, three lock or four lock. Lint whitish to buff, tightly adherent to the seed. Seeds completely covered with long, buff-colored fuzz.

82001. GOSSYPIUM sp.

B. From Albemarle Island, Galápagos Islands, August 21, 1929. Leaves entire (?), pubescent above, densely tomentose beneath. Bolls larger and less pointed than in A [No. 82000], three lock. Lint whitish to pale buff, rather coarse, tightly adherent to the seed. Seeds larger than in A, completely covered with fuzz of a pale buff color.

82002. GOSSYPIUM sp.

C. From Vahuka, Marquesas Islands, September, 1929. Bolls very small, abruptly short pointed, three lock or four lock. Lint light reddish brown (some of it lighter in color), rather silky, strongly adherent to the seeds. Seeds small, lacking a well-differentiated fuzz, but partly covered with rather long, strongly adherent, whitish and tawny hairs.

82003 to 82007. From Vahuka, Marquesas Islands, September, 1929. The contents of this package were mixed. The bolls ranged from not larger than in C [No. 82002] to about twice as large. The lint was nearly white for the most part, but some of it had a tawny tinge. After removal of the lint, five different types of seeds were distinguished.

82008. GOSSYPIUM sp.

D-1. Seeds large, coffee colored, longitudinally striate, naked except for a minute tuft of tawny fuzz at the base.

82004. GOSSYPIUM sp.

D-2. Seeds as in D-1 [No. 82003], except that they are smaller and a lighter brown.

82000 to 82007—Continued.**82005. GOSSYPIUM sp.**

D-3. Seeds as in D-1 [No. 82003], but a lighter brown and having a larger basal tuft of fuzz.

82006. GOSSYPIUM sp.

D-4. Seeds black, with a small tuft of whitish fuzz at the apex and a small tuft of tawny fuzz at the base.

82007. GOSSYPIUM sp.

D-5. Seeds brown, about half of the surface covered with tawny fuzz, lint less strongly adherent than in C [No. 82002].

82008. QUERCUS PHILLYRAEOIDES A. Gray. Fagaceae. **Oak.**

From Northwood, Middlesex, England. Plants presented by R. C. B. Gardner. Received December 6, 1929.

An evergreen shrub or small tree up to 30 feet high, with broad-elliptic, crenate-serrate leaves 1 to 3 inches long. Native to China and Japan.

82009 to 82020.

From Newry, Ireland. Bulbs purchased from T. Smith. Received December 7, 1929.

82009 to 82018. ALLIUM spp. Liliaceae. **Onion.****82009. ALLIUM ATROPURPUREUM** Waldst. and Kit.

An upright, rather tall onion, sometimes over 3 feet high, with two to four narrow-linear leaves much shorter than the stem. The small, dark-purple flowers, sometimes rosy purple with a darker middle stripe, are in dense hemispherical or spherical clusters. Native to meadows in southeastern Europe.

82010. ALLIUM BEESIANUM W. W. Smith.

An ornamental onion, native to western China, 9 to 18 inches high, with pendulous blue flowers.

For previous introduction see No. 78975.

82011. ALLIUM FLAVUM L.

A wild onion with an upright or ascending stem a foot or less high, narrowly linear leaves about as long as the stem, and small yellow, bell-shaped flowers in a rather dense cluster. Native to dry rocky places, especially in chalky soil, in south-central Europe.

82012. ALLIUM KANSUENSE Regel.

An ornamental blue-flowered onion native to northwestern China.

For previous introduction see No. 76205.

82013. ALLIUM KARATAVIENSE Regel.

An onion, native to Turkestan, with very ornamental broad leaves of a striking blue-green color and dense umbels of dull-pink flowers.

For previous introduction see No. 78983.

82014. ALLIUM MOLY L. **Lily leek.**

A bulbous plant with broad, glaucous leaves and scapes 10 to 15 inches high.