

81515 to 81527—Continued.

is usually broken off low down, leaving the large basal leaves. At this time (March 21, 1929) the leaves are being harvested.

81525. (Undetermined.)

No. 8800. Lormive, at altitudes between 5,000 and 6,000 feet. A climber covering a garden trellis with a mass of intertwining stems supported by leaf petioles. The flowers are violet or occasionally purple. It is not yet (April 8, 1929) in full bloom, the long straggling shoots bearing numerous buds.

81526. (Undetermined.)

No. 8924-A. Mong Hsing, Haut Laos, at an altitude of 2,000 feet. A large shrub very common and conspicuous in thickets; it is 6 to 8 feet high and is used for hedges. The 3-seeded berries are at first bright orange, turning scarlet, and are slightly aromatic when crushed.

81527. (Undetermined.)

No. 9056. A small tree bearing fruits the size of a gooseberry, with smooth, purple skin, purple pulp, and containing many small seeds.

81528. *FICUS CARICA* L. Moraceae.

Fig.

From the valley of the Roja, Alpes Maritimes, France. Cuttings presented by Dr. Mario Calvino, San Remo, Italy. Received March 2, 1928. Numbered in September, 1929.

A wild variety resistant to frost.

81529 to 81568.

From Japan. Seeds collected by P. H. Dorsett and W. J. Morse, agricultural explorers, Bureau of Plant Industry. Received September 3, 1929.

81529 to 81532. *ASTRAGALUS SINICUS* L. Fabaceae.

Genze clover obtained from the Gifu Agricultural Experiment Station, Gifu, August 12, 1929.

81529. No. 1104. Station No. 4. An early variety used for green-manure purposes.

81530. No. 1105. Station No. 5. A middle or medium-seasoned variety.

81531. No. 1106. Station No. 6. A late variety used for green manure.

81532. No. 1107. *Sogaya*. Station No. 7. A very late variety used as a green manure.

81533. *CITRULLUS VULGARIS* Schrad. Cucurbitaceae. Watermelon.

No. 1103. Tokyo, August 11, 1929. A light-green watermelon, 8 to 10 inches or more in diameter, with small seeds, a thin rind, and attractive red flesh which is sweet and juicy.

81534 to 81536. *CUCUMIS MELO* L. Cucurbitaceae. Melon.

Tokyo, August 3, 1929.

81534. No. 975. A green-fleshed melon about 4 inches in diameter and 8 to 10 inches long, which is whitish

81529 to 81568—Continued.

green with darker lines of green from the stem to the blossom.

81535. No. 976. A melon 3 to 4 inches in diameter and 7 to 9 inches long, with greenish flesh, and the outside green overlaid with yellow.

81536. No. 977. A small bright-yellow Japanese or Chinese melon with snow-white flesh.

81537. *FESTUCA* sp. Poaceae. Grass.

No. 493. Obtained from a small bunch of grass growing near undergrowth along the road near Yamanaka Lake, July 23, 1929.

81538. *HELWINGIA JAPONICA* (Thunb.) Dietr. Cornaceae.

No. 662. Obtained from a plant along the trail to Mount Fuji, near Subashiri, July 24, 1929. A bushy deciduous shrub 3 to 5 feet high, with slender green branchlets, ovate serrulate leaves 2 to 3 inches long, and small umbels of greenish white flowers followed by black subglobose fruits one-fourth of an inch in diameter. It is interesting because the flowers and fruits are borne on the upper surface of the leaves. Native to Japan and China.

81539. *IMPATIENS* sp. Impatiensaceae.

No. 661. Growing in lava soil in the woods near Lake Yamanaka, at an altitude of 3,200 feet, July 23, 1929. Flowers orange yellow.

81540 to 81542. *LONICERA* spp. Caprifoliaceae. Honeysuckle.

81540. *LONICERA* sp.

No. 840. From a bush growing along the roadside near Karuzawa, August 5, 1929. Fruits bright red.

81541. *LONICERA* sp.

No. 884. From a tree in a yard near the railway station at Kurihira, August 7, 1929. Tree about 15 feet high and 11 or 12 inches in circumference.

81542. *LONICERA* sp.

No. 979. Botanic Garden, Tokyo. July 31, 1929.

81543. *LOTUS* sp. Fabaceae.

No. 642. From plants growing at an altitude of 2,600 feet along the mountain trail near Subashiri, Mount Fuji region, July 24, 1929.

81544. *LOTUS* sp. Fabaceae.

No. 997. From plants along the mountain trail near Usutoge, at an altitude of 4,200 feet, August 8, 1929.

81545. *LUPINUS LUTEUS* L. Fabaceae. European yellow lupine.

No. 1108. Obtained from the Gifu Agricultural Experiment Station, Gifu, August 12, 1929. A variety with gray-mottled seeds which have bluish black markings. It is said to be used for green manure.

81546. *ORNITHOPUS SATIVUS* Brot. Fabaceae. Serradella.

No. 1110. Obtained from the Gifu Agricultural Experiment Station, August 12, 1929. Used as a green manure.