

90517 to 90523—Continued.

90521. (Undetermined.)

No. 470. Near the Valenciana mine, Guanajuato, November 27, 1930. A herbaceous plant 3 to 18 feet high, with red flowers, found at an altitude of 8,000 feet.

90522. (Undetermined.)

No. 367. Along the road between Tenango and Tenancingo, Mexico State, November 13, 1930. A leguminous plant with large pods, 6 inches long and over an inch wide, found at an altitude of 8,000 feet.

90523. *ZORNIA DIPHYLLA* (L.) Pers. Fabaceae.

No. 401. From Nogales, Vera Cruz, November 19, 1930. A prostrate leguminous yellow-flowered plant collected in a gorge southeast of town on the mountain side at 5,000 feet altitude.

90524. *MALUS SYLVESTRIS* Mill. (*Pyrus malus* L.). Malaceae. Apple.

From Sochi, Union of Soviet Socialist Republics. Trees presented by Professor Lichagov, Sochi Experiment Station. Received December 9, 1930.

Bellflower × *Kitaiika*.

90525. *PHASEOLUS VULGARIS* L. Fabaceae. Common bean.

From the port of San Juan, Puerto Rico. Seeds presented through D. N. Shoemaker, Bureau of Plant Industry. Received December 11, 1930.

90526 and 90527. *LILIUM* spp. Liliaceae. Lily.

From England. Seeds purchased from W. A. Constable, Paddock Wood, Kent. Received December 12, 1930.

90526. *LILIUM FARRERI* Turrill.

A handsome species discovered in Yunnan, China, by Reginald Farrer and frequently referred to in his writings as the marble Martagon lily. It is a slender and graceful lily, 2 to 3 feet high, bearing, on long pedicels, up to five recurved white flowers which are slightly spotted with purple on the interior. This lily possesses a strong constitution and increases fast by means of numerous small bulbs forming at the base of the stem.

For previous introduction see 75727.

90527. *LILIUM PHILIPPINENSE FORMOSANUM* (Baker) Wilson.

A form of the Benguet lily which is native to Taiwan and is characterized by its long narrow leaves and vinous purple-tinged flowers.

90528 to 90532. *PHLEUM PRATENSE* L. Poaceae. Timothy.

From the Union of Soviet Socialist Republics. Seeds presented by A. Kol, Chief, Bureau of Introduction, Institute of Applied Botany and New Cultures, Leningrad. Received December 12, 1930.

90528. No. 2800. From Ukhta Mountain, Murmansk Government.

90529 to 90532. Wild forms.

90529. No. 3966. From Ssevero Dvinsk Government.

90528 to 90532—Continued.

90530. No. 3943. From Ssevero Dvinsk Government.

90531. No. 4374. From Novo-Nikolsk Government.

90532. No. 4376. From Buriat-Mongol Republic (former Irkutsk Government).

90533. *MYOPOBUM LAETUM* Forst. f. Myoporaceae.

From Mexico. Seeds collected by Dr. Donald Reddick, Cornell University, in collaboration with Max Souviron, Bureau of Plant Industry. Received December 1, 1930.

No. 329. From Toluca, Mexico State, November 12, 1930. Collected from Señor Zapeda's garden, at an altitude of 8,700 feet, a shrub or small tree up to 25 feet high, with lanceolate to obovate leaves 2 to 4 inches long and axillary fascicles of small white flowers spotted with purple, followed by fleshy purple fruits less than half an inch long. It is native to New Zealand.

90534 to 90536.

From Java, Netherland East Indies. Seeds presented by G. Koch, Manager, Sindang Panen Estate, Peerwakarta, through David Fairchild, Bureau of Plant Industry. Received December 16, 1930.

90534. *ACACIA VILLOSA* (Swartz) Willd. Mimosaceae.

A native of Venezuela which is used in Java for the same purpose as *Leucaena glauca*; that is, as a shade for field crops; it is preferred because of its slower growth. It is said to be used in the teak forest plantings as a permanent leguminous undershrub to add nitrogen and humus to the soil.

For previous introduction see 67837.

90535. *CASSIA HIRSUTA* L. Caesalpinaceae.

An erect annual herb with long hairs. The compound leaves are made up of three to five pairs of ovate leaflets 2 to 3 inches long, and the yellow flowers are borne in axillary racemes. It is native to Brazil.

For previous introduction see 81411.

90536. *CLITORIA LAURIFOLIA* Poir. (*C. janifolia* Benth.). Fabaceae.

An erect herbaceous tropical leguminous plant said to have white flowers. It may prove valuable as a cover crop.

For previous introduction see 72995.

90537 to 90543. *SOLANUM TUBEROSUM* L. Solanaceae. Potato.

From Halle-Saale, Germany. Tubers presented by E. F. Gaines, Pullman, Wash. Received December 16, 1930.

90537. *Paulsen* × *Holscher*; Gaines No. 1; *Fritzi*. A very early potato with flesh and skin yellow, shallow eyes, kidney-shaped tubers; small finely pubescent leaves which roll when near maturity; flowers, blue violet. This potato is of good quality, can be planted early in all soils, and is immune to canker.

90538. *Paulsen* × *Holscher*; Gaines No. 2; *Goldappel*. An early potato with golden-yellow flesh, yellow skin, round shallow eyes, and white flowers. It is immune to canker.