

103445 to 103475—Continued.

103480. *ILEX* sp. Aquifoliaceae. Holly.

No. 23654. From the mountains of Kaakerbo in southeastern Tibet, Tsarung, west of Dikerla and Yundshi; shrubs 4 to 6 feet high found in valleys at 10,000 feet altitude.

103481. *ERIOPHYTON WALLICHIANUM* Benth. Menthaceae.

No. 24532. From the western slopes of Mount Mitzuga, Muli Territory, southwestern Szechwan, at 15,000 feet altitude; a dwarf herbaceous perennial only 6 inches high, with the stems, leaves, and inflorescence densely covered with soft white wool a quarter of an inch long. The round toothed leaves, 1 to 2 inches across, are very closely set on the stem, and the large two-lipped yellow or pale-pink flowers, 1 to 2 inches long, are borne in axillary whorls. It is native to the Himalayan region.

For previous introduction see 93890.

103482. *NOTOCHAETE* sp. Menthaceae.

No. 24485. From Mount Kanshu on the Leirong trail in Muli Territory, southwestern Szechwan, at 13,000 feet altitude, in alpine meadows an herb whose leaves form large rosettes and whose flowers are lavender blue.

103483. *PHLOMIS ROTATA* Benth. Menthaceae. Jerusalem-sage.

No. 23363. From Mount Moting, west of Atuntze, Yunnan, in alpine meadows at 12,500 feet altitude; a stemless plant with a rosette of thick coriaceous, orbicular, crenate leaves 3 to 6 inches across, densely tomentose beneath, suddenly contracted into tomentose petioles half an inch broad. The small bluish-purple flowers, covered with white hairs, are in whorls on short peduncles, forming dense heads 1 to 2 inches in diameter in the center of the rosette of leaves. It is native to the alpine regions of the Himalayas.

For previous introduction see 93920.

103484. *PIPTANTHUS NEPALENSIS* (Hook.) Sweet. Fabaceae.

No. 24575. Collected between Muli and Kulu at 11,500 feet altitude; a shrub 2 to 11 feet high with palmately trifoliolate leaves made up of lanceolate leaflets 2 to 4 inches long; the yellow pea-shaped flowers, 1 inch long, are borne in dense racemes resembling bunches of grapes.

103485. *SALVIA* sp. Menthaceae. Sage.

No. 24479. From Mount Kanshu, on the trail to Leirong, southwestern Muli, Szechwan, at 10,000 feet altitude; an herb with purple flowers.

103486 to 103488. *SATUREJA* spp. Menthaceae. Savory.103486. *SATUREJA* sp.

No. 23433. Collected in alpine meadows at 12,000 feet altitude on Mount Moting, east of Atuntze, Yunnan; an herb with yellow flowers.

103487. *SATUREJA* sp.

No. 24480. Collected on the trail to Leirong, southwestern Muli Territory, Szechwan, on Mount Kanshu at 11,000 feet altitude; flowers not seen.

103488. *SATUREJA* sp.

No. 24514. Collected among rocks in meadows at 11,000 feet altitude on the western slopes of Mount Mitzuga, Muli Territory, southwestern Szechwan; an herb with purplish-pink flowers.

103445 to 103475—Continued.

103469. *SOPHORA DAVIDII* (Franch.) Komarov. Fabaceae.

No. 24549. Collected in scrub forest at 11,000 feet altitude on the western slopes of Mount Mitzuga, Muli Territory, southwestern Szechwan; a spiny shrub up to 6 feet high with slender spreading pubescent branchlets, native to central and western China. The pinnately compound leaves, 1 to 2 inches long, have 11 to 15 small elliptic leaflets, and the violet to white pea-shaped flowers, one-half inch long, are in racemes of 6 to 12 on short terminal branchlets.

For previous introduction see 99462.

103470. *THERMOPSIS INFLATA* Cambess. Fabaceae.

No. 23336. Found in scree on Mount Moting, east of Atuntze, Yunnan, at 15,000 feet altitude; a bushy perennial about 6 inches high with a widely creeping woody rootstock and small finely pubescent trifoliolate fleshy leaves. The yellow flowers, less than an inch long, are in small dense racemes. Native to the Himalayas between 15,000 and 17,000 feet altitude.

103471. *THERMOPSIS* sp. Fabaceae.

No. 24397. From Mount Siga, west of and overlooking the Yalung River, north of Karadi, at 13,500 feet altitude, in alpine meadows; an herb with red flowers.

103472 to 103474. *VACCINIUM* spp. Vacciniaceae. Blueberry.103472. *VACCINIUM* sp.

No. 22175. From alpine regions near the upper headwaters of the Eastern Irrawaddy, at 14,000 feet altitude; an herb 3 inches high with red flowers.

103473. *VACCINIUM* sp.

No. 22397. Collected at 13,500 feet altitude on Mount Wulila, east of Salwin and north of Alulaka, in southeastern Tibet; a shrub up to 6 feet high; flowers not seen.

103474. *VACCINIUM* sp.

No. 23479. From Mount Moting, west of Atuntze, Yunnan, at 14,500 feet altitude; a shrub over a foot high with red flowers.

103475. (Undetermined.)

No. 22020. From Mount Kenichunpo at Champutung near the Salwin River at 7,000 feet altitude; a handsome tree between 70 and 80 feet high with white flowers.

103476. *COLVILLEA RACEMOSA* Boj. Caesalpinaceae.

From Tulear, Madagascar. Seeds presented by H. Henri Perrier de la Bathie, Academie Malgache, Tananarive. Received July 8, 1933.

A tree 30 to 40 feet high with pinnate leaves 3 feet long and brilliant orange-scarlet, curiously shaped flowers with 10 protruding stamens, borne in drooping racemes more than a foot long. The tree was discovered in Madagascar in 1824 and named for the Governor of Mauritius, Sir Charles Colville. In all probability it will stand no more frost than the *Poinciana*.

Like other leguminous trees, it is readily propagated from seeds.

For previous introduction see 98549.