

111431 to 111465—Continued.

111449. *CORIARIA THYMIFOLIA* Humb. and Bonpl. Coriariaceae.

No. 3428. From near Santiago, Comisario del Putumayo, May 27, 1935. A clambering shrub about 10 feet high with black fruits. The bark and roots are said to be rich in tannin.

For previous introduction see 46224.

111450. *TEPHROSIA CINEREA* (L.) Pers. Fabaceae.

No. 3387. From El Bordo, Departamento El Cauca, May 10, 1935. An herb 6 to 10 inches high with pink flowers.

For previous introduction and description see 111034.

111451. *TEPHROSIA TOXICARIA* (Sw.) Pers. Fabaceae.

No. 3409. *Guaranga*. From Mocoa, Comisario del Putumayo, May 21, 1935.

111452 and 111453. *DIOCLEA SERICEA* H. B. K. Fabaceae.

For previous introduction and description see 110992.

111452. No. 3367. From Capinero, near Bogotá, April 26, 1935.

111453. No. 3391. *Juan Blanco*. From El Bordo, Departamento El Cauca, May 10, 1935.

111454. *EUPHORBIA COTINIFOLIA* L. Euphorbiaceae.

No. 3389. *Manzanillo*. From El Bordo, Departamento El Cauca, May 10, 1935. An unarmed shrub 10 to 15 feet high, with opposite, ovate, long-pointed leaves up to 2 inches long, and small inconspicuous flowers in terminal cymes. Native to the West Indies.

111455. *INDIGOFERA LESPEDEZIOIDES* H. B. K. Fabaceae.

No. 3381. *Barbasquilla*. From Gelina, near Popayan, May 9, 1935. A slender woody perennial, up to 3 feet high, with small leaflets and salmon-colored flowers in axillary racemes. Native to Mexico.

111456. *INDIGOFERA SUFFRUTICOSA* Mill. Indigo.

No. 3392. *Tinta*. From Dos Rios, Departamento El Cauca, May 11, 1935.

111457. *LUPINUS* sp. Fabaceae.

No. 3400. *Chocho*. Near Pasto, May 15, 1935. A shrub 2 feet high.

111458. *LYCOSERIS OBLONGIFOLIA* Rusby. Asteraceae.

No. 3388. From El Bordo, Departamento El Cauca, May 10, 1935. A woody vine up to 30 feet long, with thick oblong leaves about 6 inches long and small solitary terminal heads of purple flowers. Native to Colombia.

111459. *NICOTIANA TABACUM* L. Solanaceae.

No. 3414. From Florencia, Comisario del Putumayo, May 1935.

111460 and 111461. *PASSIFLORA CUMBALENSIS* (Karst.) Harms. Passifloraceae.

A woody climber with trilobed leaves, the leaflets rhomboid, and solitary axillary pink flowers. Native to Colombia.

111431 to 111465—Continued.

111460. No. 3401. *Taosa*. From the Paramo del Tabano, Comisario del Putumayo, May 15, 1935.

111461. Collected in Guayaquil, Ecuador, June 1935.

111462. *SOLANUM* sp. Solanaceae.

No. 3407. *Culebrilla*. From Mocoa, Comisario del Putumayo, May 21, 1935. A shrub up to 3 feet high, with yellow flowers striped with brown and red fruits.

111463 and 111464. *SPIGELIA PEDUNCULATA* H. B. K. Loganiaceae.

Guambia. From Comisario del Putumayo. A herbaceous perennial about 4 feet high, with pink flowers. Native to Colombia.

111463. No. 3426. Collected May 23, 1935, at Sibundoy.

111464. No. 3419. Collected May 18, 1935, at San Francisco.

111465. *VIOLA TRICOLOR* L. Violaceae. Common pansy.

No. 3399. Collected near Pasto, Comisario del Putumayo, May 15, 1935. Seen several times, always near habitations.

For previous introduction see 28262.

111466 to 111470.

From British Honduras. Seeds purchased from William A. Schipp, Punta Gorda, Temash River. Received June 26, 1935.

Introduced for Department specialists.

111466. *CHAMAEDOREA GEONOMAEFORMIS* Wendl. Phoenicaceae. Palm.

A small graceful palm about 4 feet high, with deeply pinnatisect leaves about 9 inches long. Native to Guatemala.

For previous introduction see 50520.

111467. *CHAMAEDOREA OBLONGATA* Mart. Phoenicaceae. Palm.

An erect spineless palm with a slender trunk about 8 feet high, with large pinnate leaves of 10 to 14 narrow segments. Native to Brazil.

111468 to 111470. *GEONOMA* spp. Phoenicaceae. Palm.

111468. *GEONOMA* sp.

111469. *GEONOMA BINERVIA* Oerst.

A slender spineless palm up to 18 feet high, with pinnate leaves over 4 feet long and small black fruits. Native to Central America.

111470. *GEONOMA LONGEPETIOLATA* Oerst.

A slender palm, native to Central America, with a smooth trunk 8 feet high and pinnatisect leaves over a foot long.

111471 to 111473. *PHLEUM PRATENSE* L. Poaceae. Timothy.

From Sweden. Seeds presented by Dr. G. Nilsson Lissner, Swedish Plant Breeding Institute, Svalöf. Received June 28, 1935.

Varieties developed at the Plant Breeding Institute, Svalöf; introduced for Department specialists.