

324342 to 324423—Continued

324413 to 324421—Continued

324415. Col. No. 136. Chapudero, 15 km. northwest toward Durango, 30 km. northwest Concoldia in Sinaloa. Dense, low-rainfall forests. Elevation 300 to 800 m. Trees to 7 m., conspicuously brittle. Three to four pairs pinnae, 3–5 pairs leaflets; size variable, 1 by 2 to 2–5 cm., variable acute; young vegetation distinctly reddish brown; pods to 15 cm., 1.5 to 2 cm. wide, hirsute seeds like *L. leucocephala*. New heads just appearing; few old pods badly infested with insects; seeds on ground. Flowers in terminal racemes more or less conspicuous as in *L. shannoni*.

324416. Col. No. 137. Same as P.I. 324415.

324417. Col. No. 138. Same as P.I. 324415.

324418. Col. No. 139. Two km. west of Chapudero, 8 km. west of Concoldia, Sinaloa. Trees to 6–8 m., bark smooth, with flaked appearance. Trunks to 15 cm. diameter breast high.

324419. Col. No. 140. On highway 40 to Durango, 5 km. northeast of Concordia, Sinaloa. See P.I. 324415 for description.

324420. Col. No. 141. On highway 40 to Durango, 1 km. northeast of Concordia, Sinaloa. Seeds collected from ground.

324421. Col. No. 144. Twenty km. north of Mazatlan, Sinaloa. Elevation 60 m.; wooded rolling hills. Prolonged dry season. Small, spreading trees to 6 m., bark often white with lichen. Species easily noted by residual, dry spikes of inflorescence atop trees.

324422. *LEUCAENA* sp.

Col. No. 7. Open rocky plain, 12 km. south of Cuernavaca, Morelos. Open rocky land. Elevation 1,600 m. Tree to 15 m., spreading, without thorns. Leaves very large, 12 to 16 pinnae; 20 to 38 leaflets, oblong, 2–5 mm. More or less larger than *L. leucocephala*; no stipules; leaves more or less identical to *L. diversifolia*. Pods both mature and young, 2 by 12 cm.; 3–5 seeds, rounded.

324423. *LEUCAENA* sp.

Col. No. 13. Near Tepexco, 30 km. west of Izucar de Matamoros, Puebla. Heavily wooded dry slopes. Elevation 1,200 m. Also common south of Tehuacan. Tree to 9 m., smooth bark with light peel like birch. Leaves like *L. stenocarpa*; minutely thorny, 3 mm. lanceolate stipules. Leaves with 6–10 pairs pinnae, 30 or more leaflets, 1 by 3 mm. Pods 2 by 12 cm., dehiscent, immature. Flowers mid-June. Flowers not seen, evidently in 8 cm. long spikes.

324424 to 324451.

From Colombia. Seeds collected in July 1967 by J. L. Brewbaker, Department of Horticulture, Agriculture Experiment Station, University of Hawaii, Honolulu. Numbered Jan. 2, 1968.

324424 and 324425. *ALBIZIA GUACHAPELE* (Kunth) Dugand Leguminosae.

324424. Col. No. 67. Near Melgar, 30 km. east of Girardat, Departamento Bogota. Tree to 15 m. high, spreading, 36 cm. diameter breast high; leaves to 30 cm. long; 5–6 pairs pinnae; 5–6 leaflets, 1.5–3.0 cm. by 2–4 cm.; minute puberulence on young stem, petiole, leaf rachis, leaflets, especially lower surface. Late pod, two to 2.5 cm. by 11 to 16 cm., puberulent, whitish, resembles *L. leucocephala* in size; 13 to 18 seeds per pod, peduncle 2–3 cm.; 5–10 pods per inflorescence. Green flat glands at base of uppermost pair pinnae and below lowermost.

324425. Col. No. 68. Ten km. west of Girardot, Departamento Bogota. Same as P.I. 324424.

324426 to 324451. *LEUCAENA LEUCOCEPHALA* (Lam.) de Wit Leguminosae.

Leadtree.