
With only one or two flowers in the leaf axils, and green acute narrowly lanceolate leaves not conspicuously areolate beneath, *E. guatemalensis* is not to be confused with *E. areolatum* L. to which it has affinity.

**Erythroxylon tikalense** Lundell, sp. nov.—Frutex vel arbor parva, ramulis gracilibus, stipulis persistentibus, ca. 1.2 mm. longis; folia membranacea, petiolata, petiolo 1.5–2 mm. longo; lamina obovata vel late elliptica, apice rotundata, emarginata, basi obtusa vel rotundata; pedicelli 1.5–3 mm. longi; sepalae ovata, acuta, 1 mm. longa; petala 2–2.3 mm. longa; drupa 4–5 mm. longa.

Arborescent shrub or small tree, up to 8 m. high, leafy branchlets spurlike and short or slender; stipules broadly triangular, about 1.2 mm. long, acuminate; leaves small, membranaceous, petiolate, the petioles short, 1.5–2 m. long, shallowly canaliculate; leaf blades obovate, broadly elliptic or suborbicular 0.8–3 cm. long, 0.6–1.7 cm. wide, apex broadly rounded, usually emarginate, base obtuse or rounded, greenish above, whitened beneath, not areolate, midvein slender and elevated beneath, plane above except for a slender medial line, the lateral nerves very slender, inconspicuous on both surfaces; flowers solitary or several in the leaf axils; pedicels of flowers and fruits 1.5–3 mm. long; enlarged above; calyx about 2 mm. long, cleft to middle or below, the sepals ovate, acute, thick; petals oblong-elliptic, 2–2.3 mm. long, apex rounded; ligule medial, distinctly bilobed, the ovate lobes about 0.4 mm. long; drupes ellipsoid, 4–5 mm. long when dry.

Guatemala: Dept. Peten, Tikal, on top of Temple IV, June 9, 1960, *Elias Contreras 1051* (LL, type), shrub, 12 ft. high, 3 in. diam., flowers white; Tikal, on side of Temple IV, Aug. 29, 1959, *Contreras 131* (LL), tree, 25 ft., 3 in. diam., fruits orange.

*E. tikalense* appears to be related to *E. brevipes* DC., the leaves of which are cuneate at base. It is represented by a large series of collections from the Tikal temples and from the wooded swamps (bajos) of northern Peten, all in the Lundell Herbarium.

**EUPHORBIACEAE**

**Drypetes guatemalensis** Lundell, sp. nov.—Arbor excelsa; ramuli graciles, glabri; folia glabra, petiolata, petiolo 7–15 mm. longo; lamina chartacea, areolata, lanceolata vel anguste oblonga, 12.5–27 cm. longa, 3–8.5 cm. lata, acuminata, basi acuta, integra; pedicelli fructiferi crassi, 2–4 mm. longi, strigillosi; drupa obovoideo-globosa vel globosa, usque ad 3 cm. diam., dense minuteque tomentosa.