

more or less pendent, cordate leaf; a reclining spathe; and a relatively large, yellow flower that may or may not rotate into a resupinate position. The sepals are ovate, obtuse and convex, the dorsal sepal being 5-veined. The petals are broad, recurved and 3-veined. The lip is thickly ovate and channeled.

**Acronia barbosae** Luer & Thoerle, sp. nov.

TYPE: Peru—without locality; collected by Arcenio Barbosa Castillo, obtained from D. D'Alessandro, flowered in cultivation in Little Compton, RI, by L. Thoerle, s.n. (Holotype: MO), C. Luer illustr. 21321.

FIGURE 4.

*Planta mediocris caespitosa, foliis crassis anguste ovatis plus minusve dependentibus, spatha prostrata, sepalo dorsali ovato obtuso quinquenervato, petalis acutis recurvis trinervatis, labello carnosu ovato obtuso canaliculato microscopice pusticulato distinguitur.*

**Plant** medium in size, epiphytic, densely caespitose; roots slender. Ramicauls slender, erect, 8–20 cm long, with a tubular sheath on the lower third and another sheath at the base. **Leaf** horizontal to dependent, coriaceous, oblong-ovate, acute, slightly acuminate at the tip, 9–9.5 cm long, 3–3.5 cm wide, the base sessile, deeply cordate. **Inflorescence** a single, successive, yellow flower, subtended by a prone spathe 15 mm long, 4 mm wide; peduncle rudimentary, concealed within the spathe; floral bracts tubular, 7 mm long; pedicels 8 mm long, also mostly concealed within the spathe; ovary 3–5 mm long; **sepals** glabrous, the dorsal sepal convex, elliptical-ovate, obtuse, 12 mm long, 8 mm wide, 5-veined, the lateral sepals connate into an ovoid, convex, obtuse synsepal, 11 mm long, 10 mm wide expanded, 8-veined; **petals** oblong-ovate, acute, entire, recurved, 9 mm long, 3.8 mm wide, 3-veined; **lip** thickly ovate, obtuse, 4.5 mm long, 3 mm wide, the disc channeled, microscopically verrucose, shallowly concave at the base, hinged to the column-foot; **column** stout, 1 mm long, 2 mm wide, the foot thick, obsolescent, with the anther, rostellum and stigma apical.

**Etymology.** Named for the collector Arcenio Barbosa Castillo, who collected this plant.

**Comments.** This species, known only from the original collection, is characterized by a

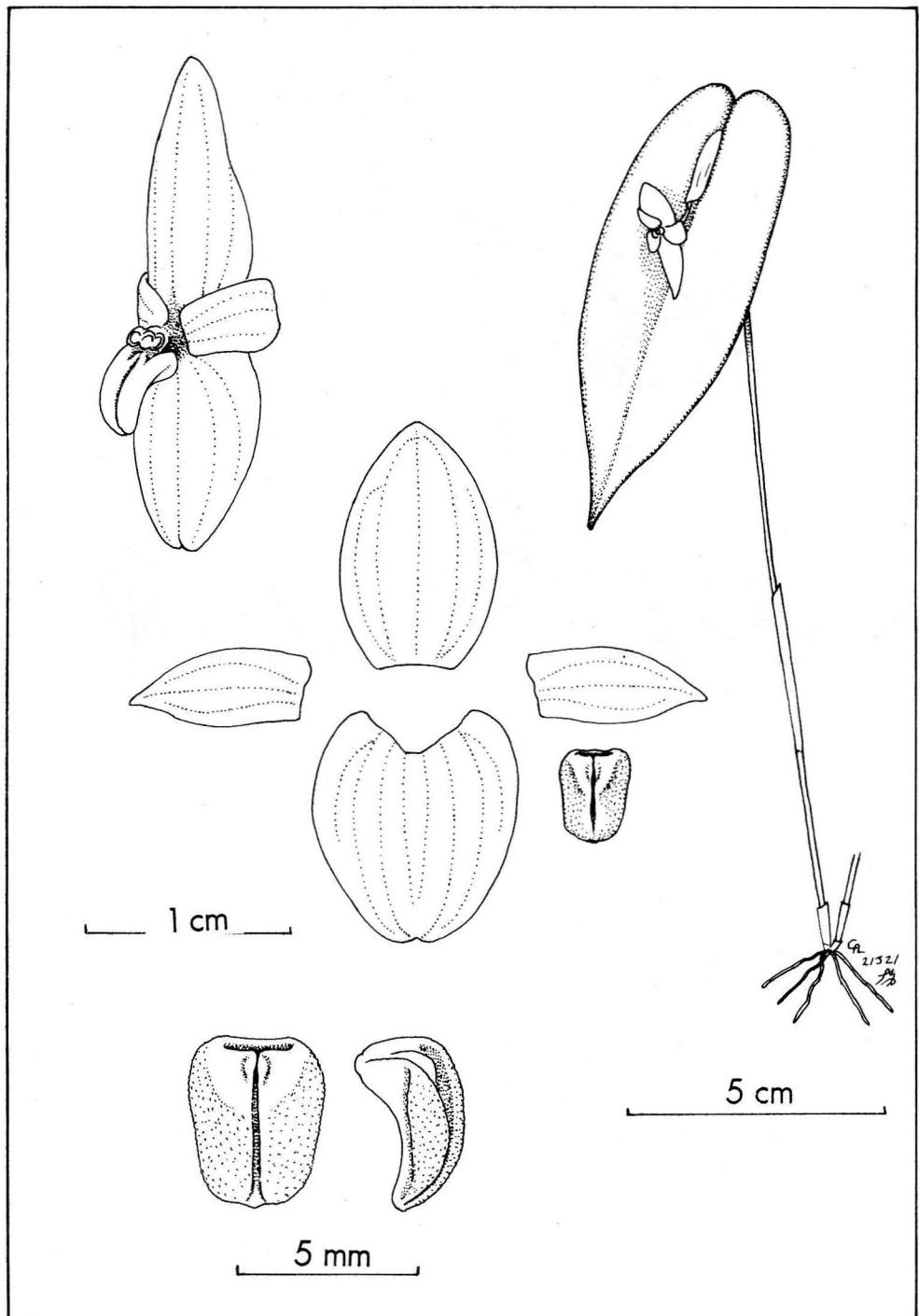


FIGURE 4. *Acronia barbosae* Luer & Thoerle, C. Luer illustr. 21321.