

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 barbosa 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 carnosio 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

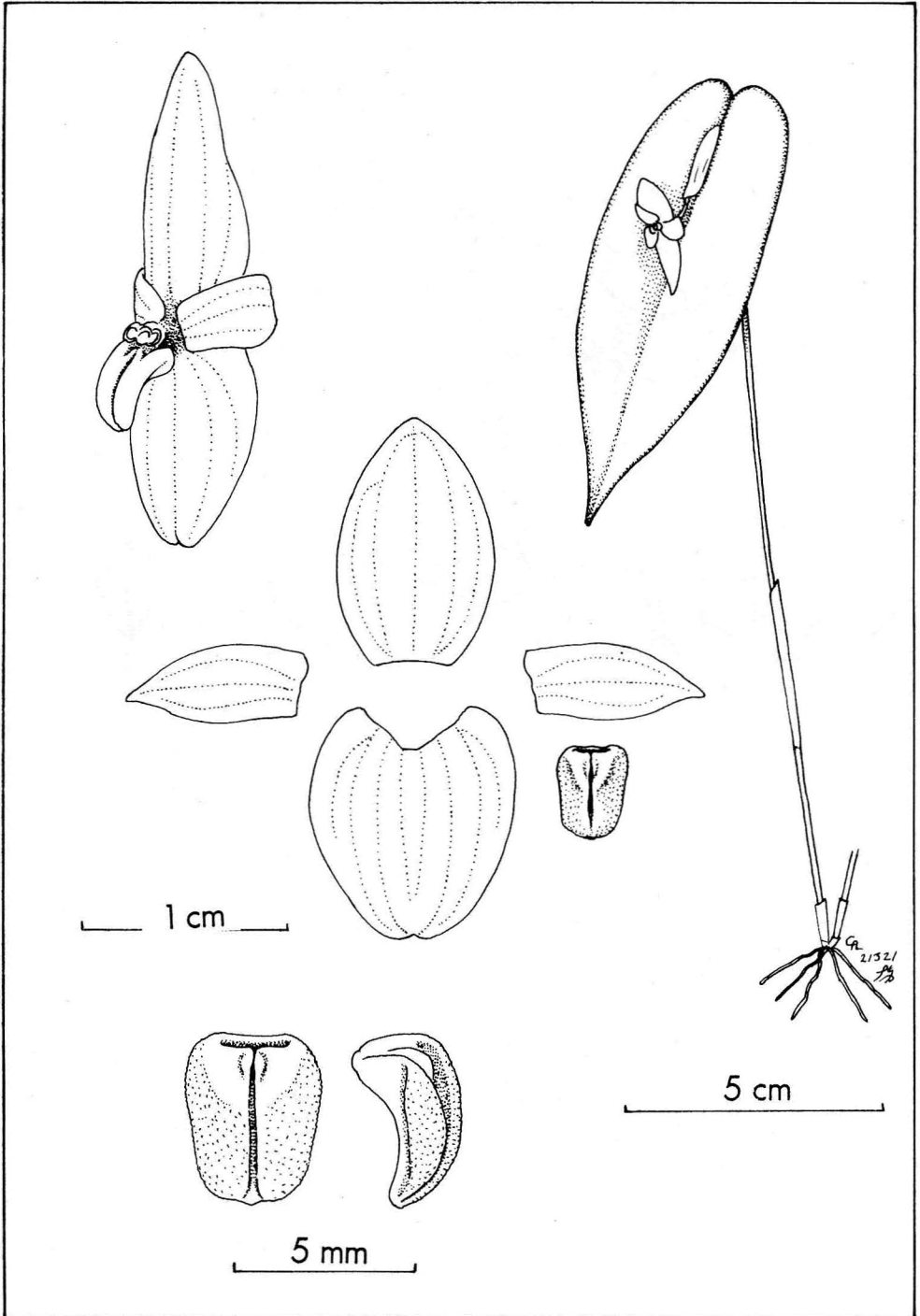


FIGURE 4. *Aconia barbosa* Luer & Thoele, C. Luer illustr. 21321.