

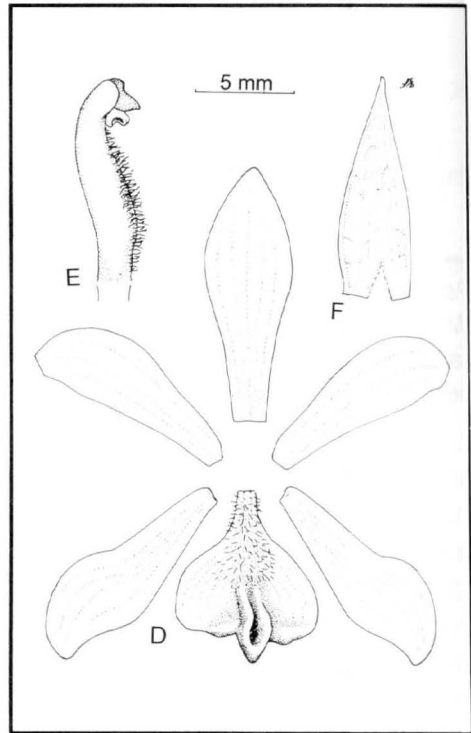
PALMORCHIS SORDIDA Dressler, sp. nov.

Herba terrestris caespitosa. Folia plura, elliptica, breviter acuminata. Inflorescentia terminalis. Pedunculi pars superior dense invicem pluriflora. Bractea elliptico-ovata. Labellum columnae basi alte adnatum, in laminam obovatam expansum, lamina leviter trilobulata; lobi laterales leviter trapezoidei; lobus intermedius deltoideis, callo discus U-formi ornatus.

Plant 30-35 cm tall; leaves several, plicate, petioles 4.5-6 cm, sheathing basally, blades elliptic, short-acuminate, 11-18 x 4.2-5.9 cm; inflorescence terminal; peduncle ca. 2.5 cm, raceme 2-2.5 cm, flowers and bracts successive; bracts elliptic-ovate, short-acuminate, 7-10 x 2.5-3.5 mm, heavily 8-9-nerved with prominent cross-veins; sepals and petals ca. 7 mm long, poorly preserved; lip 5.5 x 3.3 mm, unguiculate, obovate, 3-lobed near apex, lateral lobes rounded, slightly trapezoid distally, midlobe deltoid, ca. 0.5 x 0.5 mm, with thick, U-shaped callus, base of "U" on base of midlobe.

HOLOTYPE: Costa Rica: Prov. Heredia: Finca La Selva, elev. about 100 m; terrestrial in secondary vegetation on hill behind large stacked Hura, along W. River Road; flowers sordid with purple veins inside; 28 May 1980; *M. Grayum 2871* (MO).

This species is distinct in the small flowers and especially in the short, U-shaped callus. The type was collected in Finca La Selva, but I am told that the area has been cleared for an experiment. I hope that the species



Palmorchis sordida
(Grayum 2871) — D. Perianth parts, spread out. — E. Column, lateral view. — F. Floral bract.

may yet be found elsewhere in the area, probably in old second-growth forest.

Esta especie se caracteriza por las flores pequeñas y en particular por el callo corto en forma de U. El ejemplar tipo fue recolectado en la finca La Selva, pero me han dicho que la zona ha sido limpiada para un experimento. Ojalá que la especie llegue a encontrarse en otra localidad de la región, probablemente en un bosque secundario.