

Habenaria carlotae Dressler, *sp. nov.*

Type: Costa Rica. Puntarenas: roadside thickets and short side roads along the Pan American Highway about 10-15 km N of San Isidro, near Kms. 118-116, at the crossing of the Río Paymer, and N along the road from there, elev. about 1500-1600 m, occasional on open rocky slope, flowers green, 8 Aug. 1981, *C. Taylor 1152* (holotype, DUKE).

Planta herbacea, terrestris, usque ad 78 cm alta; foliis ad medium caulis sparsis, vaginantis, leviter adscendentis, lamina anguste elliptica; bracteis floralibus lanceolatis; floribus viridibus; sepalo postico ovato, cucullato, acuto-apiculato; sepalis lateralibus anguste ovatis, apiculatis; petalis bipartitis; labello trilobato, nectario anguste clavato ca. 15 mm longo.

Herbaceous, terrestrial, 60-78 cm tall; roots 1-1.5 mm in diameter, tubers not known; leaves 5-6, scattered at midstem, somewhat ascending, the bases sheathing, blades narrowly elliptic, acute or acuminate, 5-11.5 x 1-1.5 cm; inflorescence terminal, raceme 15-25 cm; floral bracts lanceolate, acuminate, 8-22 x 3-5 mm; ovary and pedicel 12 mm; flowers green; dorsal sepal ovate, cucullate, acute-apiculate, 6.5 x 3-3.6 mm; lateral sepals narrowly ovate, apiculate, 7-7.5 x 2.5-3.6 mm; petals bilobed, the dorsal lobe falcate-lanceolate, acute, 5-6 x 1.2 mm; ventral lobe filiform, 3-5 x 0.6 mm; claw of lip *ca.* 1 mm, lip three-lobed, lateral lobes filiform, 6-6.5 mm, midlobe ligulate, obtuse, 6-6.5 x 1.6 mm, the margins recurved; spur *ca.* 15 mm, narrowly clavate; column *ca.* 3 mm.

In its tall, slender habit with long inflorescence, *H. carlotae* reminds one of the *H. odontopetala* complex, but the lip is three-lobed and the petals are clearly bifid. The flowers are thus more like those of *H. repens*, but the flower parts are relatively short. It is quite distinctive and does not appear to have any close allies in Central America. It is named in honor of its collector, Dr. Charlotte Taylor.