

16. **MAXILLARIA RICHII** Dodson, sp. nov.

Similis *Maxillariae rufescentis* Lindl., a qua distinguitur floribus minoribus, sepalis et petalis «magenta» coloratis, et labelli lobis lateralibus elongatis corniformibus.

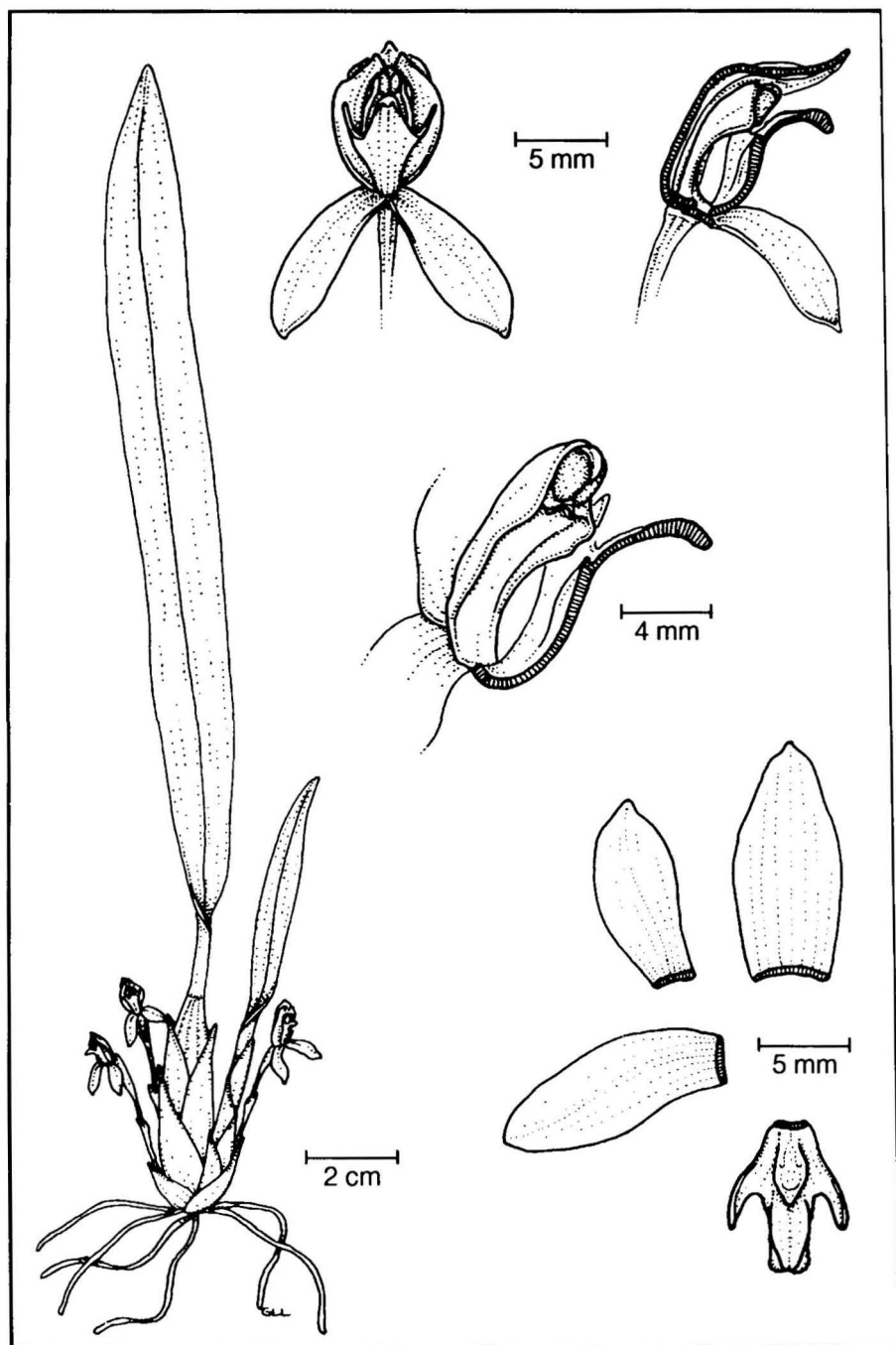
Orig. coll.: Ecuador: Esmeraldas: Lita to San Lorenzo, km 8, 720 m, 13 May 1990, Dodson et al. 18283 (RPSC holotype).

OTHER SPECIMENS SEEN: Ecuador: Esmeraldas: 8 km E of Muisne, 100 m, 17 August 1986, Dodson 16586 (RPSC, QCNE); Muisne, 100 m, 4 July 1988, Dodson 17458 (MO, QCNE); Cerro Río Bravo de Cayapas, 250 m, 1 September 1983, Holm-Nielsen et al. 25562 (AAU). Pichincha: Sto. Domingo to Chone, km 11, 450 m, 13 July 1977, Iltis & Iltis E-274 (SEL); Sto. Domingo to Quito, below Tandapi, Alluriquin, 1000 m, 16 August 1975, C.A. & J. Luer, & R. E. Rich 546 (SEL).

ETIMOLOGIA: Nombrada en honor del Dr. Earl Rich de la Universidad de Miami, Florida, quién participó en la recolección de una de las primeras plantas que se encontraron de esta especie.

ETYMOLOGY: Named to honor Dr. Earl Rich of the University of Miami, Florida who participated in the collection of one of the first plants encountered.

Plant Epiphytic. Pseudobulbs approximate, ovoid, flattened, distinctly 4-angled in section, rugose, 1-leaved at the apex, to 4 x 2 cm, surrounded at the base by distichous, imbricating, Nonfoliaceous, scarious sheaths. Leaf shortly petiolate, the blade oblong-elliptic, obtuse at the apex, cuneate to the petiole, to 25 x 2.5 cm; petiole conduplicate, to 2.5 cm long. Inflorescences 1-flowered, produced from the axils of the scarious sheaths, to 4 cm long, surrounded by 2-3 remote, ventricose sheaths. Flowers with pink to magenta sepals and petals, the lip yellow with red spots, Sepals and petals free; dorsal sepal ovate, obtuse, concave, hooding the column, to 1.6 x 0.7 cm; lateral sepals obliquely Elliptic, obtuse, spreading from the column and lip, to 1.6 x 0.6 cm; petals obliquely elliptic, obtuse, connivent with the dorsal sepal and column, to 1.5 x 0.6 cm; lip erect and parallel to the column, subquadrate in outline, 3-lobed, to 1 x 0.5 cm, the lateral lobes erect, large, horn-like, blunt at the apices, to 0.7 cm long, the midlobe rectangular with an ovate thickening extending to the apex, the callus tongue-shaped, obtuse, reaching the isthmus; column arcuate, clavate, sulcate on the underside with the margins developed into shallow wings, to 1 cm long, forming a short column foot at the base.



MAXILLARIA RICHII Dodson.

NOTAS: Esta especie pertenece al Grupo Rufescens y puede distinguirse de otras del grupo por los sépalos y pétalos de color magenta y por los lóbulos laterales del labelo alargados y en forma de anzuelo. Apparently está distribuida únicamente en zonas bajas del Ecuador occidental en donde es simpátrica con *M. acutifolia* Lindl.

NOTES: This species belongs to the Rufescens Group and can be distinguished by the magenta sepals and petals, and the elongate, hook-like lateral lobes of the lip. It appears to only be distributed in lowland western Ecuador and is sympatric there with *M. acutifolia* Lindl.