

NUEVAS ESPECIES

NEW SPECIES

1. *ONCIDIUM LUERORUM* Dodson, sp. nov.

Simile *Oncidii globuliferi* H. B. K., a quo distinguitur foliis rubris in parte inferiore, pseudobulbis rubro-maculatis, floribus minoribus, basi cuneata loborum lateralium subtriangularium et lobo medio labelli ample ovato.

Orig. coll.: Ecuador: Napo: Baeza to Lago Agrio, 1500 m, 1 August 1978, Luer et al. 3232 (MO holotype, SEL isotype).

OTHER SPECIMENS SEEN: Ecuador: Azuay: Cuenca to Guarumales, 1640 m, 15 February 1977, Boeke & Loyola 1006 (MO, QCNE, SEL). Napo: Baeza, Luer 4504 (MO). Pastaza: Baños to Puyo, Mera, 1100 m, 26 March 1956, Asplund 19968 (AMES). Morona-Santiago: Cuenca to Limon, 17 km west of Limon, 2000 m, 22 March 1974, Harling & Andersson 12734 (AMES, GB); Macas to Guamate, 1400 m, 5 February 1987, Hirtz 3149 (RPSC); same locality, 1200 m, January 1989, Hirtz 4066 (RPSC); North of Gualaquiza, 1900 m, 7 March 1992, Dalström 1627 (SEL).

ETIMOLOGIA: Nombrado en honor del Dr. Carlyle A. Luer y su esposa Jane, quienes han contribuido enormemente a nuestro conocimiento de las orquídeas de la subtribu *Pleurothallidinae*.

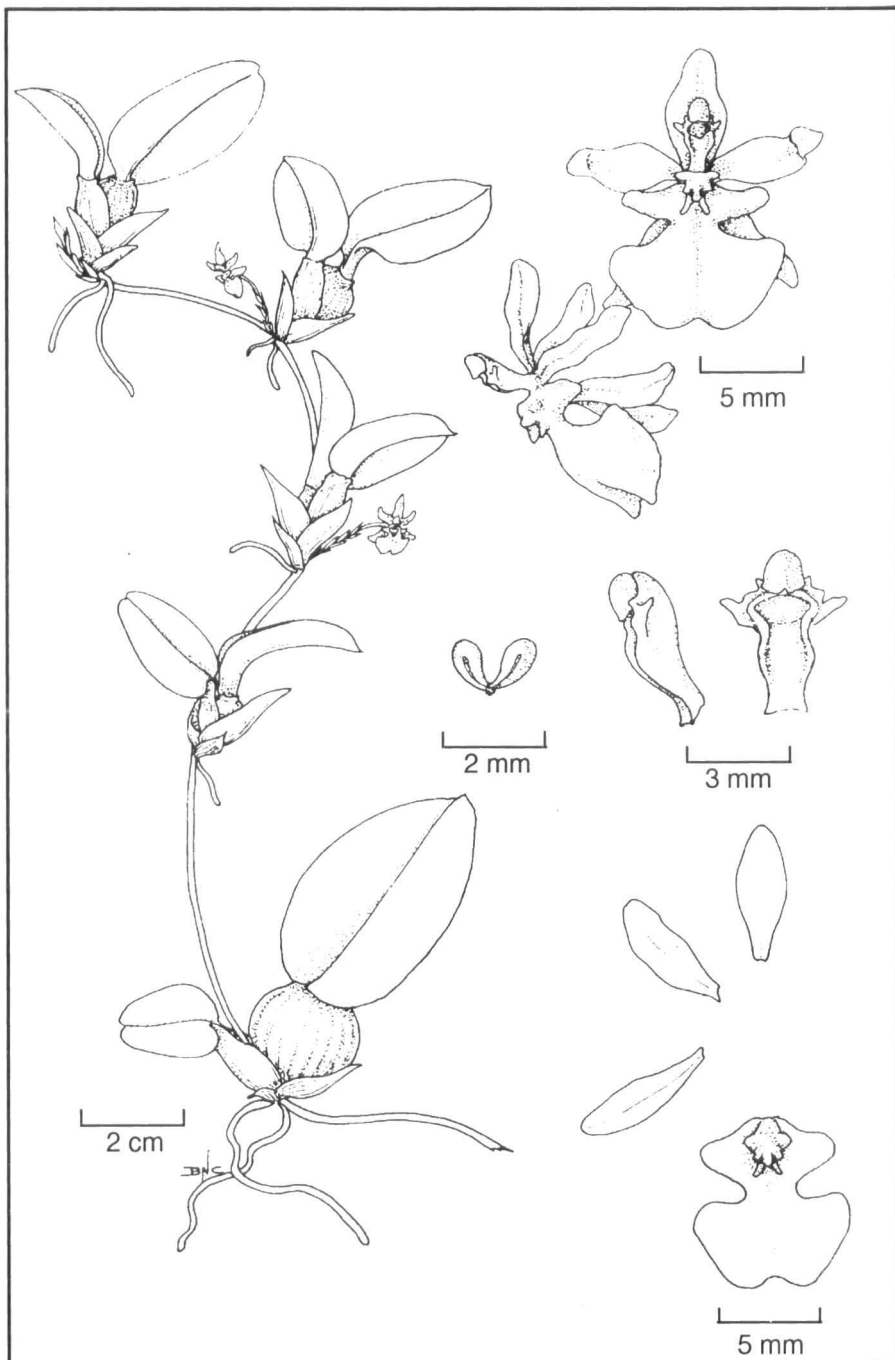
ETYMOLOGY: Named to honor Dr. & Mrs. Carlyle A. Luer, MD, who have made a major contribution to our understanding of the pleurothallid orchids.

Plant with a very long, creeping, twining stem, occasionally branched, several meters long. Pseudobulbs, commonly more or less distant, to 10 cm apart, flattened, apiculate, ovoid to orbicular, green freckled with red, to 3.5 x 3.5 cm, unifoliate, surrounded at the base by 2 to 5 conduplicate sheaths, the upper sheath foliate. Leaves oblong-ovate, obtuse to rounded at the apex, rounded at the base, green above, reddish on the backside, to 8 x 4 cm, those of the pseudobulb much larger than the foliate sheaths. Scape very short, arising from the axil of the foliate sheath, to 1.5 cm long, uniflorous; floral bracts awl-shaped, to 5 mm long. Flowers small for the genus, yellow with the segments marked with red spots at the base. Sepals and petals free; dorsal sepal elliptical, obtuse, to 1 x 0.4 cm; lateral sepals narrowly obovate, obtuse, to 1 x 0.3 cm; petals oblong-obovate, obtuse, to 1 x 0.4 cm; lip much larger than other segments, quadrate in outline, pandurately 3-lobed, cuneate at the base, bilobed at the apex, to 1.2 x 1.2 cm, 0.8 cm across the lateral lobes, 1.1 cm across the midlobe; lateral lobes bluntly triangular, spreading, passing into a broad claw, the

midlobe broadly ovate-reniform in outline; callus at the base of the lateral lobes fleshy, 5-lobed with a small, spreading lamella on each side extending beyond the apex; column clavate, sulcate on the underside, to 2 mm long, with a small triangular wing on each side near the apex.

NOTAS: Esta especie pertenece al Grupo Globuliferum, pero se distingue de las de este grupo por el envés de las hojas de color rojo, los pseudobulbos salpicados de rojo, las flores más pequeñas, los lóbulos laterales del labelo subtriangulares con la base cuneada, y el lóbulo central ampliamente ovado.

NOTES: This species belongs in the Globuliferum Group but is distinguished by the backs of the leaves red, the pseudobulbs flecked with red, the smaller flowers, the cuneate base of the subtriangular lateral lobes, and the broadly ovate midlobe of the lip.



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