
New Species and Combinations in Costa Rican Orchids

Robert L. Dressler

Missouri Botanical Garden, P.O. Box 299, St. Louis, Missouri 63166-0299, U.S.A.; Florida Museum of Natural History; Marie Selby Botanical Gardens. Mailing address: 21305 NW 86th Avenue, Micanopy, Florida 32667, U.S.A.

Ornithocephalus grex-anserinus Dressler & Mora-Retana, sp. nov. TYPE: Costa Rica. Alajuela: dist. Sarapiquí, alrededores de Laguna María Aguilar, elev. 500–700 m, 10°18'N, 84°11'O, 5 mayo 1992, *D. E. Mora-Retana, F. Pupulin & A. Herrera s.n.* (holotype, USJ 49975). Figure 2.

Habitu genere, sepalis ovatis carinatis apiculatis, petalis cuneato-unguiculatis spathulato-flabellatis, labello pandurato-oblongo callo humili.

Plant psymmoid, leaves linear-lanceolate, subfalcate, acuminate, $4.2\text{--}8 \times 0.3\text{--}0.5$ cm, abscission layer ca. 5 mm from base; inflorescence lateral, 8–9 cm, rachis fractiflex, bracts triangular-ovate, cordate, acute, keeled, glandular-erose, 2–3 mm; ovary and pedicel 6–7 mm; sepals ovate, carinate, apiculate, laterals reflexed, $3\text{--}3.2 \times 2\text{--}2.2$ mm; petals cuneate-unguiculate, truncate-subspatulate, 6×5.6 mm; lip 9×3.2 mm, lateral margins recurved, callus 3×2.8 mm, cordate, ovate, distally continuous with surface of blade; shaft of column ca. 0.8 mm, anther with rostellar beak ca. 3 mm.

A single plant of this species was found by the

collectors when seeking *Macroclinium*. When the plant flowered in cultivation, it proved to be so unusual that we do not hesitate to describe it as a new species. To date, no other plants of this species have been found.

Ornithocephalus grex-anserinus is distinct in the spreading, subspatulate petals, the reflexed sepals, and the simple lip with the median surface of the callus continuous with the blade. The inflorescence with spreading wing-like petals reminds one of a flock of migrating geese, to which the epithet alludes.