

NEW OR NOTEWORTHY ORCHIDS

Ceratostylis Elmeri *Ames sp. nov.* Herba epiphytica, caespitosa, caulibus pendulis. Radices graciles, albido-villosae. Rhizoma valde curvatum, vaginis retinerviis obtectum. Vaginae amplae, rufae, elongatae, persistentes, usque ad basim folii attingentes. Folium rigidum, ascendens, atroviride, lineare, semiteres, apice inaequaliter bilobatum. Pedunculus elongatus, bracteatus, uniflorus. Sepala lateralia

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semilanceolata, acuta, usque ad medium cohaerentia, prope basim quadrinervia, prope medium sexnervia, mentum ventricosum formantia. Sepalum dorsale lanceolatum, acutum, septemnervium. Petala oblanceolata, obtusa vel late spatulata. Labellum petalis multo minus, breviter unguiculatum, supra unguem in laminam anguste ovatam obtusam subcordatam expansum, intus prope basim longe glanduloso-villosum, conspicue trinervium. Pes columnae longe glandulosus.

Epiphytic herb, caespitose, pendulous, with slender villose roots. Rhizome curved, ascending, 12–20 cm. long, with the slender pseudobulbs arising for the most part from the outer side of the curve, concealed by rufous retinerved ample sheaths. Pseudobulbs about 2 cm. long, very slender, obliquely ascending, cylindrical, concealed by retinerved rufous sheaths, monophyllous. Leaf up to 6 cm. long, linear, flat on the upper surface, somewhat rounded on the under side, unequally bilobed at the tip, obtuse. Peduncles subequal to the pseudobulbs, provided with a large bract below the ovary, clothed with elongated branching hairs which are easily detachable. Bract subtending the flower 9 mm. long, smooth. Pedicellate ovary conspicuously winged, about 1.5 cm. long, provided with weakly attached branching trichomes. Lateral sepals 12 mm. long, 3.75 mm. wide near the middle, asymmetrically lanceolate, united to about the middle, 6-nerved, smooth, forming a conspicuous obtuse mentum which is 3 mm. long. Dorsal sepal 13 mm. long, 4.75 mm. wide, lanceolate, acute, 7-nerved. Petals 12 mm. long, 5 mm. wide, oblanceolate or broadly spatulate, obtuse, 7-nerved. Labellum 3 mm. long, about 2 mm. wide just above the short claw, narrowly ovate-cordate, obtuse, 3-nerved, each lateral nerve with a short obliquely ascending branch. Claw of the labellum glandular-hairy within, forming a shallow depression at the base of the lamina. Column including the foot 3.5 mm. long; foot glandular-hairy.

In habit *Ceratostylis Elmeri* is somewhat similar to *C. philippinensis* Rolfe, from which it differs conspicuously in the larger flowers and in the oblanceolate or broadly spatulate petals.

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PHILIPPINES, Mindanao, Davao District, Mount Apo, A. D. E. Elmer 11358, August 1909. Small loose tufts upon moss-covered tree trunk on Mount Calelan at 7750 feet: stems hanging, curved ascendingly, terete, covered with reddish brown strongly nerved sheaths, giving rise to leafy branchlets; leaves rigidly coriaceous, ascending, dark green, flat on the upper side, flattish convex beneath, the base covered with sheaths; flower ascending from the basal portion of the uppermost leaf axil, white. "Sumalipan." (TYPE in Herb. Ames No. 26936.)