

***Campylocentrum longicalcaratum* A. & S. sp. nov.**

Herba parvula. Caules bene foliati, foliorum vaginis omnino obtecti. Folia parvula, disticha, elliptica, obtusa. Inflorescentiae oppositifoliae, dense racemosae, folia excedentes. Sepala lateralia oblique oblongo-ovata. Sepalum dorsale ovatum, obtusum. Petala elliptico-lanceolata. Labellum in circuitu late ovatum, infra medium trilobatum; lobo intermedio prominenti, triangulari-ovato, in apice rotundato. Calcar comparate longum, curvato-clavatum.

Plant small, epiphytic, about 2–10 cm. tall. Roots fibrous, flexuous, glabrous. Stems commonly simple, entirely invested by loose leaf-sheaths, generally arcuate. Leaves numerous, distichous, elliptic, 5–14.5 mm. long, up to 4.5 mm. wide, obtuse, horizontally spreading, coriaceous, the margins near the apex minutely denticulate. Inflorescences more or less opposite the leaves, when mature about twice surpassing the leaves, up to 2.1 cm. long, densely racemose

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from below the middle, finely pubescent. Racemes about 8- to 18-flowered, spreading. Flowers very small, distichous, white. Lateral sepals ovate-oblong, about 1.8 mm. in length along the posterior margin, subacute, oblique, 1-nerved, minutely connate with the dorsal sepal at base. Dorsal sepal ovate, 1.4 mm. long, obtuse and cucullate at the apex, 1-nerved. Petals obliquely elliptic-lanceolate, about 1.4 mm. long, obtuse or subacute, 1-nerved. Labellum broadly ovate in outline, about 1.7 mm. long and somewhat wider at the base when spread out, sharply 3-lobed below the middle; lateral lobes small with incurved triangular acute apex; middle lobe much larger, triangular-ovate, rounded at the apex, pubescent on the inner surface. Spur curved, cylindric-clavate, nearly 2.8 mm. long. Column minute. Anther suborbicular, flattish with a thickened circular disc at the base. Ovary finely pubescent.

This species was described from herbarium specimens. The floral measurements were taken only from the type collection, as the two other collections bore withered flowers of rather smaller size on the summit of matured ovaries.

Campylocentrum longicalcaratum is most nearly allied to *C. Brenesii* Schltr., but it differs from that species in its dense-flowered inflorescences, blunter perianth segments and longer spur. It is unlike *C. parvulum* Schltr. in its larger flowers and curved spur.

COSTA RICA, La Estrella, *C. H. Lankester 1013*, July 23, 1925. Flowers white, bracts pinkish straw-color. (TYPE in Herb. Ames No. 33651): La Palma, *A. M. Brenes (139) 469*, November 18, 1922. 1120 meters altitude; *Brenes (32) 362*, October 30, 1922. 1190 meters altitude.