

***Epidendrum dentiferum*** A. & S. *sp. nov.* Herba parva sed cum floribus mediocribus. Caules breves, distichifolii. Folia oblongo-linearia. Flores probabiliter plures. Sepala lateralialia falcato-lanceolata, obliqua, acuminata. Sepalum dorsale lanceolatum, acuminatum. Petala linearia, falcata, acuta. Labellum suborbiculare, abrupte mucronatum, basi bicallosum. Columna brevis, apice dentata.

Plant low, 10–11 cm. tall to the summit of the inflorescence. Roots numerous, filiform, fibrous, flexuous, intertwining, glabrous. Stems branched at the base, sometimes apparently rising from a creeping rootstock, 2.7–8 cm. long, complanate, mostly concealed by striate leaf-sheaths. Leaves distichous, oblong-linear, 2–6.75 cm. long, 5–5.5 mm. wide, inconspicuously bilobed and apiculate at the rounded apex, slightly narrowed near the base, subcoriaceous, about 1–1.5 cm. between the alternate leaves. Flowers at the summit of the stems, probably several in the living plant (mostly deciduous), relatively large. Sepals and labellum with recurved apices. Lateral sepals falcate-lanceolate, about 9.6 mm. long, about 2.9 mm. wide, long-acuminate, unicarinate on the outer surface with the keel extending into a mucro, 5-nerved at the base. Dorsal sepal lanceolate, 8.9 mm. long, 2.15 mm. wide, acuminate, carinate near the tip, 5-nerved below the middle. Petals narrowly linear, falcate, about 8.7 mm. long, acute, 1-nerved (indistinctly 3-nerved below). Labellum suborbicular, simple, very abruptly mucronate; lamina 8 mm. long from the middle of the base to the apex, including the apicule, and about as wide above the middle, cordately affixed to the apex of the column, with two small basal fleshy calli. Column short, stout, about 3.7 mm. long including the terminal lacerate petaloid wing.

*Epidendrum dentiferum* is a small plant with a comparatively large flower. It is closely allied to *E. porpax* Reichb. f., but has taller stems, longer thinner leaves, and apparently smaller flowers with a lacerate-dentate column-wing.

COSTA RICA, Pejivalle, C. H. Lankester 843, May 30, 1924. Flowers pale translucent olivaceous green. Growing on stems of a tree in association with *Polypodium bifrons*. (TYPE in Herb. Ames No. 28695.)