

Epidendrum linifolium Ames sp. nov. Radices ramosissimae, valde fibratae, patentes, glabrae. Rhizoma gracile, radicans, vaginis scariosis arcte appressis instructum. Caules elongati, graciles, verisimiliter decumbentes. Folia disticha, inter se satis distantia, linearia, in sicco subulata, oblique ascendentia. Inflorescentia terminalis. Rachis pedunculi leviter fractiflexa, plus minusve septemflora. Bractee racemi infundibuliformes, acutae. Pedicellus cum ovario bracteis longior. Sepala oblongo-lanceolata, acuta, apicibus incrassata. Petala linearia, plus minusve incrassata. Labellum trilobatum; lobis lateralibus rotundatis; lobo medio lineari. Discus lamella denticulata ornatus. Columna brevis, lamellae disci adhaerens.

Rhizome very slender, copiously rooted. Roots very much branched, finely fibrous, spreading, elongated, whitish, smooth. Stems 9–15 cm. long, probably decumbent, less than 1 mm. in diameter, flexuous. Leaves six to eight, distichous, 1.5–3 cm. long, hardly .5 mm. wide when dry, subulate, acute, 9–14 mm. apart, obliquely ascending. Inflorescence terminal. Peduncle with the raceme 3.5–5 cm. long, slender. Rachis of the raceme slightly zigzag, bearing about seven small flowers. Bracts of the raceme 2.5–3.5 mm. long, infundibuliform below the middle, narrowed above into a triangular acute tip. Pedicel with the ovary longer than the subtending bract. Lateral sepals 4.25 mm. long, 1.5 mm. wide, sharply reflexed, lanceolate, acute, carinate-thickened near the tip, convex. Dorsal sepal 4 mm. long, 1.5 mm. wide, oblong-lanceolate, acute, carinate-thickened beneath the tip. Petals 3.5–4 mm. long, .5 mm. wide, linear, subacute, triquetrously thickened from about the middle to the apex, spreading or obliquely porrect. Labellum about 4 mm. long, adherent to the column, 3-lobed, fleshy, about 3 mm. wide across the lateral lobes; lateral lobes 1.5 mm. long, rounded in front, ascending, together forming an orbicular lamina; middle lobe 2 mm. long, .5 mm. wide near the base, porrect, linear, gradually narrowed to the subacute tip, semiterete. Disc of the labellum smooth, but with a conspicuous horizontally placed plate at the base which is adherent to the column, and denticulate or crenulate in front. Column stout, 1.25 mm. long.

A close ally of *Epidendrum paranthicum* Reichb. f., from which it differs in having larger flowers and a very different lamella on the disc beneath the apex of the column. From *E. musicolum* Schltr., — a species which I have not seen and know only from the description, — it differs in having narrower leaves and a very dissimilar callus at the base of the labellum. [Plate 20: 1, lip and column $\times 5\frac{3}{4}$. 2, flower $\times 4$. 3, petal $\times 3\frac{3}{4}$. 4, dorsal sepal $\times 4\frac{1}{2}$. 5, lateral sepal $\times 4\frac{1}{2}$.]
COSTA RICA, La Palma, H. E. Stork 417, July 8, 1923.
On old stump in pasture. (TYPE in Herb. Ames No. 27168.)