

Pleurothallis strumosa Ames sp. nov. Herba dense caespitosa, pusilla. Caules secundarii abbreviati, monophylli. Folium in petiolum brevem contractum, ellipticum vel elliptico-lanceolatum, apice minute tridenticulato. Pedunculus folium superans, gracilis, apice bracteoso. Flores succedanei, fasciculati. Sepala lateralia valde caudata, oblongo-lanceolata, binervia, extus nervis glandulosis, in margine conspicue glandulosa. Sepalum dorsale simile, trinervium. Petala lanceolata, uninervia, in margine sparse fimbriata. Labellum breviter unguiculatum, trinervium, antice linguiforme, prope basim utrinque obscure auriculatum, margine inconspicue glanduloso, prope basim late bicarinatum, carinis triangularibus. Columna gracilis, apice cucullato, basi in pedem bilobum glandulosum strumosum producta.

Roots whitish, fibrous, smooth. Rhizome abbreviated. Secondary stems densely caespitose, about 6 mm. long, slender, partly concealed by an elongated tubular sheath, monophyllous. Leaf shortly petioled, 14 mm. long, 4-5 mm. wide, with the lamina very fleshy, elliptical or elliptic-lanceolate, lightly marginate, tridenticulate at the apex. Peduncle slender, elongated, much exceeding the leaves, up to 2.6 cm. long, with a closely appressed tubular bract near the middle and at the summit terminated by several imbricating bracts. Flowers fasciculate, opening in succession, hyaline, spotted with maroon. Pedicel and ovary about 4 mm. long, much exceeding the subtending bract. Lateral sepals 6.5 mm. long, 1.5 mm. wide above the base, oblong-lanceolate, caudate, 2-nerved, the inner nerve forming a distinct external keel, conspicuously glandular along the nerves on the outer surface and on the margin, the marginal glands .25 mm. long. Dorsal sepal 7 mm. long, 1.5 mm. wide near the middle, similar to the lateral sepals, 3-nerved, the nerves carinate on the outer surface and distinctly glandulose. Petals about 3 mm. long, scarcely 1 mm. wide at the middle, narrowly lanceolate, acute, sparsely fimbriate, 1-nerved. Labellum 3 mm. long, about 1 mm. wide above the middle, 3-nerved; apical portion very fleshy, linguiform, strongly convex, shallowly excavated beneath, rounded at the apex; basal portion minutely auriculate on each side in front of the broad abbreviated claw, glandular beneath, raised on either side in a broad triangular keel. Column slender, about 2 mm. long, at base produced into a conspicuous blunt bilobulate glandulose foot, strongly cucullate at the apex, with the apical margin faintly denticulate.

From *Pleurothallis hastata* Ames, its nearest Central American ally, *P. strumosa* is in part separable by its conspicuously 3-nerved fringeless labellum and by its conspicuously glandular sepals. [Fig. 6: 5, flower with perianth segments spread out $\times 5$. 6, labellum $\times 8 \frac{2}{3}$.]

COSTA RICA, Carpintera, C. H. Lankester 766, February 1924. (TYPE in Herb. Ames No. 28813.)