

Pleurothallis scandens *Ames sp. nov.* Caules primarii valde elongati, scandentes, vaginis minute verruculosus arcte appressis vestiti; caules secundarii ad nodos caulium primariorum plus minusve tres, graciles, infra medium vaginis hispidulis arcte appressis vestiti, superne vaginis similibus retrorso-hispidulis obtecti, monophylli, basi radicales. Folia vix coriacea, anguste linearia, utrinque angustata, apice minute tridenticulata. Flores ex axillis foliorum orientes, bracteis spathaceis rufis glandulosus subtendentibus. Sepala lateralia usque ad medium plus minusve cohaerentia, elliptico-oblonga, trinervia, acuta vel subobtusa, extus glandulosa. Sepalum dorsale lanceolatum, acutum, trinervium. Petala triangularia, subacuta, trinervia, margine obscure et sparse glandulosa, apice incrassata. Labellum carnosum, subpanduratum, obtusum, glandulosum, per medium bicarinatum. Columna in pedem elongatum producta, usque ad apicem dilatata; clinandrium post antheram sparse et breviter laciniatum vel breviter excisum. Pollinia duo.

A scandent herb with the primary stems up to 30 cm. long, terminated at the growing point by a grass-like leaf 7-8 cm. long and bearing — at intervals of 10-18 cm. — fascicles of three or four secondary stems. Sheaths of the primary stem closely appressed, about 1 mm. in diameter, rusty-red when dry, the younger sheaths densely retrorse-hispidulous, becoming minutely verruculose as they mature. Secondary stems monophyllous, proliferous, 2-6 cm. long, slender, concealed by about four cylindrical closely appressed sheaths of which the lower two are provided with retrorse bristles; uppermost sheath dilated toward the apex, the expanded portion clasping the base of the leaf. Leaf 5-7 cm. long, 3-4 mm. wide, linear, gramineous when dry, minutely tridenticulate at the tip, narrowed and conduplicate at the base. Flowers with abbreviated peduncles clustered near the axil of the leaf, subtended by dilated rufous spathaceous glandular bracts. Pedicels 2 mm. long. Ovary 1.5 mm. long. Lateral sepals united to about the middle, 4 mm. long, 1 mm. wide above the middle, elliptic-oblong, 3-nerved, forming a concave base. Dorsal sepal about 5 mm. long, up to 2 mm. wide, lanceolate, acute, 3-nerved, each lateral nerve branched. Petals 5 mm. long, 1 mm. wide near the base, long-triangular, thickened near the apex, subacute, 3-nerved, with the margin obscurely, sparsely and irregularly glandulose. Labellum 1.5 mm. long, fleshy, panduriform, obtuse, glandulose. Disc conspicuously bicarinate, with the keels extending nearly to the apex of the labellum. Column including the foot 3 mm. long, dilated upward, with a tooth on each side near the summit; clinandrium behind the anther sparsely and shortly laciniate or bifid. Pollinia two.

A very distinct species without any close allies in Central America. [*Fig. 4.*]

COSTA RICA, Cartago, La Estrella, C. H. Lankester & Alfredo Sancho 401. A delightful scandent species occurring in forest-ridges. (TYPE in Herb. Ames No. 24726.)