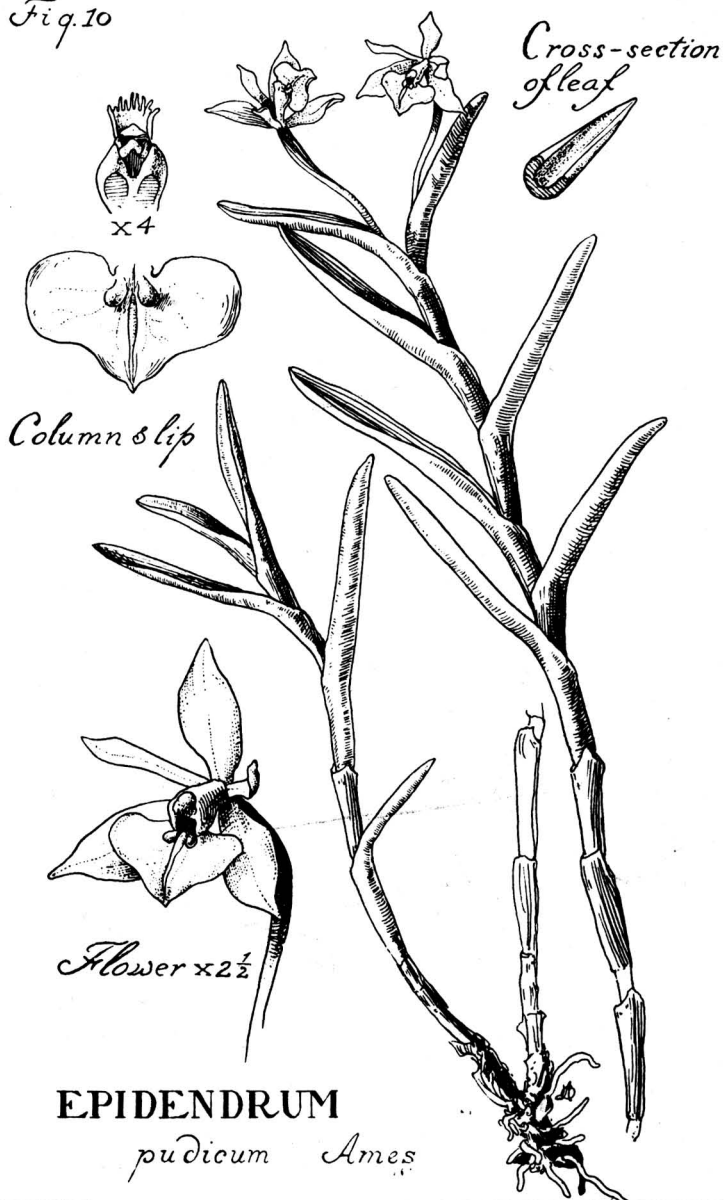


Epidendrum pudicum Ames sp. nov. Herba tenera, plus minusve stricta, radicibus fibratis glabris instructa. Caules graciles, vaginis foliorum omnino obtecti. Folia disticha, oblique ascendentia, anguste oblonga, plus minusve decem, supra profunde concava vel late sulcata, subtus rotunda, apice obtusa, valde carnosa, vaginis complanatis elongatis arcte appressis articulata, in sicco valde conduplicata ut videtur. Flores subumbellati, in speciminibus nostris duo, longipedicellati, albidi, pedicellis cum ovario folium subtendens superantibus. Bracteae flores subtendentes valde abbreviatae, in sicco alidae, membranaceae, concavae, ovatae. Pedicellus valde gracilis, elongatus. Sepala lateralialia oblanceolata, acuta, apice leviter incrassata et bene triquetra, trinervia, nervo medio in sicco subtus prominenti. Sepalum dorsale anguste oblanceolatum, acutum, trinervium, apice incrassatum. Petala lineari-spathulata, acuta, uninervia nervo subtus prominenti. Labellum reniforme vel subaequaliter trilobatum, basi cordatum; lobis lateralibus suborbicularibus; lobo medio rotundato-triangulari, apice breviter apiculato. Discus prope basim labelli bicallosus, callis papilliformibus obtusis. Columna gracilis, usque ad apicem labello adnata, apice inaequaliter fimbriata. Anthera minute et dense glandulosa.

Roots fibrous, smooth. Stems up to 16 cm. long, approximate, erect, slender, terete at base, somewhat complanate above, wholly concealed by the leaf sheaths, about 10-leaved in flowering specimens. Leaves distichous, about 2.5 cm. long, 3 mm. wide, narrowly oblong, obtuse, sometimes obscurely bilobed at the tip, rounded beneath, deeply concave above, obliquely ascending, rigid, jointed to complanate sheaths which are about 1.5 cm. long, and nigro-annulate at the base. Inflorescence terminal, subumbellate, few-flowered (2-flowered in the type). Floral bracts minute, about 3 mm. long, scarious, concave, acute. Pedicel with the ovary about 2 cm. long, very slender, ascending, hardly 1 mm. in diameter, smooth. Lateral sepals 1 cm. long, 3 mm. wide above the middle, oblanceolate, acute, fleshy, triquetrously thickened at the apex, mid-nerve somewhat prominent beneath in dried specimens. Dorsal sepal 1 cm. long, similar to the laterals, triquetrously thickened at the apex. Petals 9 mm. long, 1 mm. wide above the middle, linear-spatulate, acute, 1-nerved. Labellum adnate to the column,

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Fig. 10



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free portion about 5 mm. long, 7 mm. wide, rather fleshy, subequally 3-lobed, with a cordate or reniform base; lateral lobes suborbicular, about 3 mm. wide, obliquely ascending; middle lobe 3 mm. wide at the base, somewhat triangular, acute, with the apex triquetrously thickened and apiculate; mid-nerve slightly thickened and prominent on the upper surface of the disc. Disc bicallose at the base near the apex of the column, the calli divergent and more or less papilliform, obtuse. Column 7.5 mm. long, produced posteriorly into a fimbriate-dentate membrane which covers the anther. Anther minutely and densely glandular. [Fig. 10.]

Epidendrum pudicum is closely allied with *E. firmum* Reichb. f., from which it differs in having smaller flowers and a very different labellum. It is a member of the group to which *E. difforme* Jacq. belongs.

PANAMA, Province of Chiriqui, "Palo alto," C. W. Powell 319. Flowered under cultivation at Balboa in August 1923. Flowers waxy white with a faint tinge of green. Bright green where the labellum joins the column. Grows in medium sun in open places. (TYPE in Herb. Ames No. 26876.)