

NEW OR NOTEWORTHY ORCHIDS

***Stelis glandulosa* Ames sp. nov.** Caules secundarii elongati, monophylli. Folium anguste ellipticum, utrinque attenuatum, obtusum, in petiolum gracilem contractum. Pedunculus cum racemo folium multo excedens. Racemus laxiflorus. Flores inter se satis distantes, in sicco purpureo-tincti. Sepala lateralia late ovata, obtusa, basi rotundata, intus dense glandulosa, margine ciliato-glandulosa, trinervia. Sepalum dorsale simile. Petala flabellata, apice valde incrassata, trinervia. Labellum semiglobosum, valde carnosum, antice apiculo erecto ornatum, margine erectum. Discus per medium incrassatus. Columna usque ad apicem dilatata. Pollinia pyriformia.

Secondary stems elongated (incomplete), monophyllous. Leaf about 5 cm. long, 9–11 mm. wide, narrowly elliptical, obtuse, tapering gradually to the base from below the middle, contracted into a slender petiole, mid-nerve prominent beneath. Petiole about 5 mm. long, slender, sulcate above. Peduncle with the raceme about 1.5 dm. long, very slender, with one or more infundibuliform sheathing bracts below the raceme, erect, more than three times longer than the leaf. Raceme about 1 dm. long, bearing as many as seventeen flowers, distichously arranged, 1 cm.

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apart on the slender rachis. Bracts of the inflorescence about 2 mm. long, infundibuliform, acute, diaphanous when dry, shorter than the pedicels. Ovary 2 mm. long. Flowers brown-madder when dry. Lateral sepals 3 mm. long, about 3.5 mm. wide, broadly ovate, rounded at base, obtuse, conspicuously 3-nerved, densely glandular on the inner surface, glandular-ciliate on the margin, smooth on the dorsal surface. Dorsal sepal similar and equal to the laterals and coherent with them at base. Petals 1 mm. long, 1.5 mm. wide at the summit, flabellate, thickened on the apical margin, somewhat excavated on the inner surface below the summit, 3-nerved. Labellum 1 mm. long, 1 mm. wide, semiglobular, with an erect apicule at the apex and with a thickened ridge along the middle of the upper surface, margin more or less erect to form a thin rim along the sides and in front. Column dilated upward, obscurely 3-lobed at the summit, otherwise entire. Pollinia two, pyriform.

Allied with *Stelis parvibracteata* Ames, from which it differs conspicuously in the larger flowers, which are much more glandular on the inner surface of the sepals, and in the flowers being farther apart on the elongated rachis. *Stelis Endresii* Reichb. f. has smaller flowers and a different labellum.

COSTA RICA, C. H. Lankester. (TYPE in Herb. Ames No. 22860 from a plant cultivated in Hort. Bot. Reg. Kew. Duplicate from the type plant in Herb. Kew.)