

Stelis cuspidata Ames sp. nov. Caules secundarii elongati, vaginati, monophylli. Folium anguste elliptico-lanceolatum, coriaceum, utrinque attenuatum, quam pedunculus cum racemo brevius. Pedunculus cum racemo gracilis. Flores ut videtur flavescentes, satis distantes, distichi. Bracteae racemi infundibuliformes, acutae. Sepala late ovata, acuta, trinervia. Petala cuneata, apice valde incrassata, acuta, trinervia. Labellum subquadratum trilobatum; lobis lateralibus porrectis, obtusis; lobo medio ascendenti, lineari-triangulari, acuto, sulcato, carnosio. Columna abbreviata.

Plants caespitose. Secondary stems 2.8 cm. or more long, about 2 mm. in diameter, vaginate, monophyllous. Leaf 5-7.5 cm. long, 7-9 mm. wide, narrowly elliptic-lanceolate, acute, coriaceous, contracted at base into a distinct petiole, shorter than the inflorescence. Petiole about 1 cm. long, sulcate. Peduncle 7-8.5 cm. long, with a closely appressed sheath at base, floriferous for the greater part of its length. Bracts of the inflorescence about 2 mm. long, infundibuliform, acute, diaphanous. Flowers about 4 mm. apart. Pedicel and ovary 4-7 mm. long. Flowers very small, yellowish in dried specimens. Lateral sepals 1.75-2 mm. long, about 1 mm. wide, broadly ovate, acute, 3-nerved. Dorsal sepal similar to the laterals. Petals hardly 1 mm. long, cuneate, abruptly acute, thickened at the tip, 3-nerved. Labellum about 1 mm. long, about .75 mm.

2

wide, subquadrate, apiculate, 3-nerved, slightly narrowed toward the front, apparently 3-lobed; lateral lobes porrect and obtuse, united in front of the middle lobe by a membrane; middle lobe acute, sulcate, ascending, very fleshy, exceeding the blunt lateral lobes. Column minute.

Allied to *Stelis tricuspis* Schltr., which is different in habit. The labellum of these species is similar in being prolonged in front to form a cusp-like terminal lobe, but different in the texture being more fleshy in *S. tricuspis*, which has a distinct callus on the disc between the lateral lobes. The sepals of *S. tricuspis* are acuminate and more narrowly ovate than in *S. cuspidata*.

COSTA RICA, C. H. Lankester. (TYPE in Herb. Ames No. 22858 from a plant cultivated in Hort. Bot. Reg. Kew. September 1922. Duplicate from the type plant in Herb. Kew.)