

***Stelis cucullata* Ames sp. nov.** Radices graciles, fibratae. Caules secundarii elongati, graciles, erecti, vaginis tubulatis instructi, monophylli. Folium lineare, usque ad basim leviter angustatum, apice apiculatum, vix in petiolum contractum. Pedunculi cum racemo elongati, folium aequantes vel excedentes. Bractee racemi oblique infundibuliformes, scariosae. Sepala lateralibus ovata, acuta, carnosa, extus per medium aliquando leviter carinata, trinervia. Sepalum dorsale simile. Petala cucullata, anguste flabellata, apice valde incrassata, trans apicem triangularia, trinervia. Labellum concavum, cucullatum, in circuitu rhombicum, trans medium callo instructum. Columna generis.

Roots finely fibrous, elongated, at length branching, whitish. Rhizome very much abbreviated. Secondary stems 3–7 cm. long, very slender, clothed with several elongated tubular scarious sheaths, monophyllous. Sheaths up to 3 cm. long, rather loosely appressed, acute. Leaf 6–8.5 cm. long, up to 5 mm. wide above the middle, linear-oblongate, tapering gradually toward the base, obtuse, apiculate. Peduncle up to 11 cm. long, subtended by a scarious spathaceous bract, for the most part floriferous, very slender. Flowers numerous, pale yellowish, in a slender raceme. Bracts of the raceme approximate, 1.5 mm. long, obliquely infundibuliform, scarious, with the points of insertion about 2 mm. apart. Pedicels about 3 mm. long. Lateral sepals 1.75 mm. long, 1.75 mm. wide, ovate, acute, very fleshy, sometimes lightly carinate along the middle on the outer surface, 3-nerved. Dorsal sepal similar. Petals hardly 1 mm. long, .75 mm. wide at the tip, narrowly flabelliform, triangular across the thickened apex, very fleshy, strongly cucullate, 3-nerved. Labellum scarcely 1 mm. long, about 1 mm. wide across the middle, cucullate, obtuse at the apex, with the margin more or less erect, rhombic in outline, with a transverse thickening across the middle. Column dilated upward, with the posterior part of the clinandrium obscurely 3-lobed.

*Stelis cucullata* is a close ally of *S. perplexa* Ames, from which it differs in part in having differently shaped, smooth sepals.

COSTA RICA, Hills south of Cartago, C. H. Lankester 475. (TYPE in Herb. Ames No. 26975): Peralta, Lankester 487, July 13, 1923. Flower greenish yellow.