

Physosiphon minutiflorus A. & S. *sp. nov.* Herba epiphytica. Caules vaginis scariosis omnino obtecti, monophylli. Folium erectum, oblongum, obtusum, coriaceum. Inflorescentia densiflora, secunda. Flores minutissimi. Sepala parte inferiore connata, partibus liberis ovato-lanceolatis. Petala multo minora, lanceolata. Labellum in circuitu suborbiculare, apice trilobatum; lobis lateralibus semi-orbicularibus, sublobatis; lobo medio minore.

Plant caespitose, 19 cm. tall. Roots numerous, fibrous, glabrous, very slender. Stems 3-8.5 cm. long, entirely concealed by three sheaths, monophyllous. Sheaths tubular, loose, membranaceous when dry. Leaf erect, oblong; lamina 6.25-9 cm. long, 8-11 mm. wide, obtuse to broadly rounded at the apex, coriaceous, the mid-nerve conspicuously carinate beneath, cuneate-narrowed to a sulcate petiole about 1 cm. long. Inflorescence solitary, about 12 cm. long, arcuate, subequalling the leaf, secund, densely many-flowered, especially above, base of the peduncle clasped by a rugose sheath 1.4 cm. long. Floral bracts infundibuliform, exceeding the ovary. Flowers minute, tubular-campanulate, as usual in the genus, about 2.4 mm. long. Sepals all connate for 1 mm. or less; free portion ovate-lanceolate, erect and parallel, 3-nerved. Petals very minute, lanceolate, obtuse, 1-nerved, about .9 mm. long. Labellum suborbicular in outline, about 1 mm. long, sharply 3-lobed at the apex; lateral lobes relatively large, semiorbicular, irregularly lobulate above the middle; middle lobe relatively small, triangular-ovate, broadly rounded at the tip. Disc 3-nerved, a pronounced transverse thickening with a posterior depression at the base. Column minute, provided with a broad dentate wing at the apex.

There appears to be no near ally of this minute-flowered species. [*Plate 22*: habit \times about 2. 1, flower, side view \times 6. 2, dorsal sepal \times 9. 3, column and labellum, side view \times 12. 4, labellum \times 18. 5, lateral sepals \times 9. 6, column \times 18. 7, petal \times 12.]

PANAMA, Province of Chiriqui, Caramillo, C. W. Powell 345, October 1923. 5000 feet altitude. "Grows on fallen trees and stumps. Medium sunlight. Flowers pale greenish white." (TYPE in Herb. Ames No. 27298.)