

SIGMATOSTALIX racemifera L. O. Williams, sp. nov. (pl. 36).
Herbae epiphyticae, parvae, erectae, usque ad 15 cm. altae. Pseudobulbi ovati vel obovati, apice unifoliati et utrinque foliis suffulti. Folia erecta, elliptica vel elliptico-oblongata, acuta, coriacea. Inflorescentia lateralis, folia excedens; racemus paniculatus, i. e. e racemis lateralibus densifloris brevibus constans. Sepalum dorsale lanceolatum, acutum, uninervium. Sepala lateralia late lanceolata, acuta vel acuminata, uninervia, basi paulo connata. Petala anguste ovato-lanceolata, acuta, uninervia vel obscure trinervia. Labellum subquadratum, panduratum, trilobatum, callo quadrisulcato ad basim ornatum; lobus medius lobis lateralibus subaequalis. Columna gracilis, malleoliformis.

Small erect epiphytic herbs up to 15 cm. tall. Pseudobulbs 2–3.5 cm. long, 1–2 cm. broad, probably about 5 mm. thick, oval to obovate, summit unifoliate, with a subtending leaf on either margin of the pseudobulb. Leaves erect, 4–8 cm. long, 8–18 mm. broad, elliptic to elliptic-oblongate, acute, coriaceous. Inflorescence a paniculate raceme—with short, lateral, densely flowered branches—the inflorescence exceeding the leaves. Dorsal sepal about 3 mm. long and 0.75 mm. broad, lanceolate, acute, 1-nerved. Lateral sepals about 2.5 mm. long and 0.8 mm. broad, broadly lanceolate, acute or abruptly acuminate, connate for a short distance at their bases. Petals about 3 mm. long and 1.25 mm. broad, narrowly ovate-lanceolate, acute, 1-nerved or obscurely 3-nerved. Lip about 3 mm. long and 3.5 mm. broad, subquadrate, pandurate, 3-lobed; the mid-lobe equal in size to the two lateral lobes; with a raised subquadrate callus at the base about 1.2 mm. long and 1.1 mm. broad and having four subequal, longitudinal chambers above. Column about 5 mm. long, slender, malleoliform; the terminal portion somewhat thicker than the basal portion and with the elongated stigma on its lower side; anther decumbent.—COCLÉ: vicinity of El Valle, 600–1000 m. alt., flowers yellow, Dec. 8, 1938, *Allen 1232* (Herb. Missouri Bot. Gard., TYPE).

Sigmatostalix racemifera is closely allied to *S. hymenantha* Schltr., which it simulates in habit and in having the inflorescence made up of small lateral clusters of flowers on an elongated rachis. It differs in the shape of the lip, and in the structure of the callus and the column.



WOODSON AND SCHERY—FLORA OF PANAMA