

Elleanthus trilobatus A. & S. *sp. nov.* Herba gracilis, alta. Caulis vaginis foliorum pro parte obtectus. Folia disticha, lanceolata, rigida. Inflorescentiae singulae, terminales. Racemi arcuati, densiflori. Bractee longe acuminae, conspicuae. Sepala oblonga, complicato-acuta, concava. Petala linearia, acuta vel obtusa. Labellum flabellatum, parte anteriore trilobatum, margine eroso-lacerato. Discus basi saccata callis binis approximatis et antice carinis geminis triangulatis ornatus.

Plant slender, 70–80 cm. tall to the summit of the raceme (broken off at the decumbent base). Stem slender, about 1.5 mm. in diameter, subterete, partially concealed by the leaf-sheaths (lower portion of stem leafless and sheathed only). Sheaths close, tubular, striate-nervose, lower ones terminated by a black band. Leaves distichous, narrowly lanceolate to narrowly elliptic-lanceolate, 3.9–18.7 cm. long, 5–30 mm. wide below the middle, acuminate above to a sharply and obliquely 3-toothed apex, cuneate-narrowed to a sessile base, spreading-ascending, 3.4–7 cm. apart, plicate, many-nerved with five nerves prominently raised beneath. Inflorescences terminal, arcuate, very dense, many-flowered; raceme 6.5–8 cm. long, 3.5–4 cm. across in the dried specimen. Floral bracts ovate-lanceolate, abruptly long-acuminate, the larger lowermost up to 3 cm. long, far exceeding the flowers, nervose, concave. Rachis strongly rugose, more or less pubescent. Ovary densely tomentose. Flowers small. Sepals sparingly pubescent on the outer surface. Lateral sepals obliquely oblong, strongly concave at base, 7.3 mm. long, 3.5 mm. or more wide below the middle, acute and complicate-mucronate, about 10-nerved. Dorsal sepal obovate-oblong, about 6.9 mm. long, 3 mm. wide across the slightly broader upper part, complicate-mucronate, concave, 7-nerved with two lateral indistinct nerves. Petals linear, 6.5 mm. long, 1.5 mm. wide, acute or obtuse, 3-nerved. Labellum deeply saccate in natural position; lamina when expanded broadly flabellate, about 6–7 mm. long, more than 7 mm. wide across the forward portion, apex lightly but distinctly 3-lobed, anterior margins (except the centre of the middle lobe) lacerate-erose; lateral lobes broadly semiorbicular; middle lobe similar in shape but much smaller, thickened and entire at the apex; saccate base filled with a pair of approximate ovoid-pyriform complanate calli; in front of these calli there is a pair of transverse low triangular keels. Column straight, slender, broadly winged above, about 4.5 mm. long dorsally, longer in front. Pollinia ovoid-pyriform with a groove ending in a deep pit on one side.

COSTA RICA, from San Ramon to Esparta, A. M. Brenes 14281, May 14, 1901. 1000–1200 metres altitude. (U. S. Nat. Herb. No. 579491.)

PANAMA, San Juan, C. W. Powell 3267 (*Hort. Powell* 97), April 1923. Epiphyte at sea level. (TYPE in Herb. Ames No. 28126.): Canal Zone, around Culebra, H. Pittier 3443, May 6, 1911. 50–159 metres altitude: Province of Colon, near Porto Bello, William R. Maxon 5808, May 27, 1912. On tree trunks, near sea level.