

Lockhartia Lankesteri *Ames sp. nov.* Caules caespitosi, omnino foliosi. Folia disticha, imbricata, triangularia, superne vix vel non decrecentia. Inflorescentiae apicales vel paulo infra apicem caulium, pauciflorae, bracteis magnis scariosis instructae; rachis quam folia brevior. Bractee cordatae, late ovatae. Sepala lateralia oblongo-elliptica, acuta, concaviuscula, valde membranacea, aurantiaca, apiculo infra apicem. Sepalum dorsale simile, valde concavo-cucullatum, trinervium. Petala ovato-elliptica, obtusa, trinervia, valde membranacea, aurantiaca. Labellum trilobatum; lobis lateralibus oblongo-linearibus, obtusis, divaricatis, quam lobo medio multo minoribus, membranaceis; lobo medio obscure quadrilobulato vel sub-

NEW OR NOTEWORTHY ORCHIDS

rhombeo, apice retuso, membranaceo. Discus callo permagno instructus. Callus antice minute trilobulatus, basi cristatus. Columna brevis.

Stems caespitose, 7–23 cm. or more long, erect, entirely concealed by fleshy imbricating distichous leaves which decrease in size imperceptibly above and below the middle, complanate, rather rigid. Leaves triangular, about 1.5 cm. long, 5 mm. wide at the base. Peduncles terminal or from the axils of the uppermost leaves, shorter than the leaves. Bracts of the inflorescence up to 4 mm. long, ovate-cordate, acute, scarious. Racemes abbreviated, few-flowered. Pedicel with the ovary about 6 mm. long, slender, smooth. Flowers orange-yellow. Lateral sepals 4 mm. long, hardly 3 mm. wide, strongly concave, oblong-elliptical, acute, with an apicule on the under side just beneath the tip. Dorsal sepal similar strongly concave or cucullate. Petals 4 mm. long, 2 mm. wide, ovate-elliptical, round-obtuse, 3-nerved. Labellum 3-lobed, 4–5 mm. long, 5 mm. wide below the tips of the lateral lobes; lateral lobes 2 mm. long, .75 mm. wide, linear-oblong, obtuse, divaricate, membranaceous; middle lobe up to 4 mm. long, about 3 mm. wide near the middle, obscurely lobulate on each side above the middle, deeply retuse at the tip where it is about 1.5 mm. wide. Disc smooth except for a cushion-like callus in front of the column. Callus compressed dorso-ventrally, slightly concave, obscurely and minutely 3-lobulate in front, with a crest of bristle-like appendages on the basal margin near the base of the column. Column dilated above the base, 4-lobed.

Closely allied to *Lockhartia micrantha* Reichb. f., from which it differs in the lateral lobes of the labellum and in lacking appendages on the disc of the labellum in front of the basal callus.

COSTA RICA, San Carlos, C. H. Lankester 448, March 30, 1923. (TYPE in Herb. Ames No. 25858.)