

Ornithocephalus Valerioi A. & S. *sp. nov.* Herba parva, epiphytica, caespitosa. Folia equitantia, lineari-oblonga, plus minusve falcata, congesta, patentia. Inflorescentiae arcuatae, laxe racemosae, caule anguste alato, rachide flexuosa. Sepala late obovata, rotundata, conspicue mu-

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cronata, uninervia, in dorso carinata. Petala flabellato-spathulata, antice latissime rotundata. Labellum simplex, oblongo-lanceolatum, valdissime naviculare, acutum, in basi callo magno subquadrato excavato ornatum. Columna abbreviata, rostello longissimo praedita.

Epiphytic herb, 8 cm. high to the tip of the longest leaf. Roots fibrous, lanuginose, slender. Leaves equitant, oblong-linear, more or less falcate, up to 6.1 cm. long, 5–7.5 mm. wide near the middle, acute, gradually narrowed below, articulated to sheaths which are short complanate their upper edge with a broad scarious protruding margin. Inflorescence arcuate, shorter than or subequaling the leaves. Peduncle up to the raceme short, very narrowly winged, with several prominent spreading bracts. Raceme loosely few-flowered; rachis flexuous. Floral bracts lanceolate, acuminate, carinate, minutely erose, spreading. Flowers up to 8 in number, green and white. Lateral sepals broadly ovate, 2.8 mm. long, or 3.8 mm. long including the prominent mucro, about 2 mm. wide, rounded and minutely erose at the apex, 1-nerved, dorsally carinate, somewhat oblique. Dorsal sepal very similar, cucullate. Petals spatulate-flabellate, 3.1–3.5 mm. long, about 3 mm. wide above, broadly rounded at the apex, minutely apiculate in the middle, 1-nerved, the basal and anterior margins minutely erose. Labellum oblong-lanceolate, very strongly navicular and concave, about 4 mm. long in natural position with the anterior part upcurved, acute, dorsally keeled especially in the anterior half, denticulate near the apex, 5-nerved. Disc at base with a large subquadrate excavated callus which is dilated toward its base. Column minute, extended into a very large elongate recurved rostellar process which subequals the labellum. Anther with an elongate channeled beak. Pollinia 4, pyriform-obovoid.

Ornithocephalus Valerioi was described from a single dried specimen. It is apparently allied to *O. elephas* Reichb. f., but it has differently formed lateral sepals and petals and a very large rostellar process.

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COSTA RICA, Province of Guanacaste, El Silencio, near Tilarán, *Paul C. Standley & Juvenal Valerio 44672*, January 13, 1926. About 750 meters altitude. "On tree; flowers green and white." (TYPE in Herb. Ames No. 33213.)