

***Cranichis acuminatissima* A. & S. sp. nov.** Herba terrestris, gracilis. Folia basalia atque caulina, ovata vel ovato-lanceolata, valde acuminata, inferiora petiolata. Caulis vaginis tubulatis plus minusve conspicuis ornatus, superne pubescens. Racemus laxe pluriflorus. Sepala lateralia late ovata, valde obliqua. Sepalum dorsale ellipticum, obtusum. Petala elliptico-oblonga, in apice rotundata. Labellum sigmoideum, basi valde saccata, disco unicalloso.

Terrestrial herb 10–27 cm. high. Roots tuberous, slender, lanuginose. Leaves ovate or ovate-lanceolate, those at the base 1.5–3.5 cm. long, about 1.1 cm. wide, those of the stem up to 4.5 cm. long and 1.6 cm. wide, soon diminishing into bracts, strongly acuminate, the lower blades slender petioled, the upper ones sessile. Stem glabrous below, shortly pubescent above. Raceme 3–6 cm. long, apparently elongating in anthesis, loosely several- to many-flowered; rachis shortly pubescent. Floral bracts lanceolate, acuminate, the lower ones subequalling the pubescent ovaries, the upper ones shorter. Sepals green. Lateral sepals broadly ovate, very oblique, 4–5 mm. long, 3.5–4 mm. wide, obtuse, the anterior margin broadly dilated, 1-nerved. Dorsal sepal elliptic, about 5 mm. long, 2–2.4 mm. wide, obtuse, cuculate, 1-nerved. Petals obliquely oblong-elliptic, 4 mm. long, 1.4–2 mm. wide, broadly rounded at the apex, 1-nerved. Labellum sigmoid and deeply saccate in the lower half, about 4.4 mm. long in natural position, 3-nerved. The anterior half is dilated with erect margins and broadly ovate-triangular when expanded with rounded apex. Disc with conical fleshy callus beyond the middle, the branches of the lateral veins prominent. Column stout, shorter than the labellum with a pair of prominent semiorbicular porrect wings near the base.

The description was prepared from dried specimens.

*Cranichis acuminatissima* appears to be nearly related to *C. sylvatica* A. Rich. & Gal., but differs in its very acuminate leaves which are cauline as well as basal, and in its pubescent ovaries and larger lip. In habit, this plant is very similar to *C. saccata* Ames, but it has a very different lip.

The specific name refers to the very acuminate leaves.

COSTA RICA, Province of Heredia, Cerros de Zurquí, Northeast of San Isidro, *Paul C. Standley & Juvenal Valerio 50409*, March 3, 1926. 2000–2400 meters altitude. "On log; sepals green; lip and petals white." (TYPE in Herb. Ames No. 33210); *Standley & Valerio 50428*. "Wet forest, terrestrial": Province of Heredia, Cerro de las Caricias, North of San Isidro, *Standley & Valerio 52156*, March 11, 1926. 2000–2400 meters altitude. "On log in forest." (Plants immature.)