

Habenaria patentiloba, sp. nov.

Herba terrestris, erecta, mediocris, circa 36 cm. alta. Radices filiformes, flexuosae, villosae, caule infimo decumbenti in tuberculum semiovoideum, terminanti. Caulis strictus, glaber, vaginis foliorum pro parte obtectus, basi nudus, inferne in sicco circa 4 mm. crassus. Folia disticha, in caulis medio, oblongo-lanceolata, acuminata vel acuta, ad basim amplexantem, vaginantem sensim cuneato-angustata, membranacea, nervo medio supra sulcato et subtus conspicue carinato, plus minusve 12.5 cm. longa, 2.6 cm. lata; folia inferiora multo minora lanceolato-elliptica; folia superiora oblongo-lanceolata, in bracteas sensim decrescentia. Racemus circa 9.5 cm. longus, laxiflorus, floribus distichis, decem ut videtur. Bracteae inflorescentiae lanceolatae, longe acuminatae, dorso alte carinatae, scariosae, ovaria pedicellata subaequales vel paulo superantes, usque ad 2.5 cm. longae et 9 mm. latae prope basim. Flores glabri, mediocres. Sepala lateralia reflexa, semiorbicularia, valde obliqua, apice obtusa, trinervia nervo medio prominenti, circa 1 cm. longa et 7 mm. lata. Sepalum intermedium multo minus, valdissime cucullatum, expansum orbiculare, apice revolutum irregulariter truncato, circa 6.5 mm. longum. Petala a basi cuneata latissime transversa, in lobos subaequales divaricatissimos sinu levissimo connexos extensa, circa 2.5 mm. alta a basis medio ad sinus medium et 8—9 mm. lata inter lorum apices; lobus posterior lineariligulatus, apice rotundato nunc acuto margine irregulari; lobus anticus paulo brevior, triangulari-lanceolatus, ultra medium margine posteriore obtuse unidentatus. Labellum prope basim trifidum, omnino usque ad 2.14 cm. longum; lobi laterales parvuli, anguste lineares, late patentes, 3.5—4 mm. longi, basi vix 1 mm. lati; lobus intermedius longissimus, anguste linearis, carnosus, marginibus valde revolutis, apice oblique acutus, usque ad 1.9 cm. longus et 2.5 mm. latus trans basim. Calcar quam ovarium pedicellatum longius, gracillimum, parte anteriore clavatum, circa 2.5 cm. longum. Anthera valde cucullata, in lobos rotundatos leviter divisa. Canales graciles adscendentes. Processus stigmatis valde decurvi, carnosissimi, quam canales paulo breviores.

The unusual petals make it difficult to classify this *Habenaria* species satisfactorily. It would seem to belong to the *Quadratae*. The form of the labellum is suggested by that of *H. virens* Rich & Gal.

PANAMA, PROVINCE OF PANAMA, Orange River Valley, Killip 3124, October 7, 1917. 60 meters altitude, dense forest.