

HORVATIA Garay, gen. nov.

Sepala petalaeque libera, ringentes. Labellum cum pede columnae articulatum, mobile, concavum. Columna humilis, cylindrica, basi in pedem aequilongum producta. Stigma suborbiculare, satis magnum. Clinandrium humile, truncatum, marginatum. Rostellum breve, excisum. Pollinia . . . non adsunt. Anthera globosa, opercularis, incumbens.

Herbae epiphyticae, repentes; rhizomate elongato, pluriarticulato, vaginis jam emarcides oblecto; pseudobulbis inter se valde distantibus, plus minusque angulatis, monophyllis: foliis petiolatis, principaliter 3-nervatis, satis tenuibus, inflorescentiis unifloris, inter pseudobulbos in medio rhizomatis productis; pedunculo erecto, vaginis omnino oblecto; ovario breviter pedicellato.

Species singula, adhuc nota, Ecuatoriensis.

HORVATIA ANDICOLA Garay, sp. nov.

Epiphytica; rhizomate repenti, vaginis chartaceis, imbricantibus, jam emarcidis oblectis; radicibus crassiusculis, glabris; pseudobulbis inter se usque ad 12 cm. distantibus, ovoideis, obscure angulatis, apice perbreviter rostratis, monophyllis, usque ad 3 cm. longis, 1.2 cm. latis; foliis graciliter petiolatis, anguste ovato-lanceolatis, subacuminatis, principaliter 3-nervatis, nitidis, satis tenuibus, petiolo usque ad 4 cm. longo incluso, usque ad 15 cm. longis, 2 cm. latis; inflorescentiis singulis, inter pseudobulbos in medio rhizomatis productis, erectis vel ascendentibus, usque ad 6 cm. altis, vulgo brevioribus; pedunculo gracili, vaginis imbricantibus omnino oblectis; bracteis linearilanceolatis, acuminatis, usque ad 1.2 cm. longis; floribus singulis albido-purpurascentibus; sepalis inter se simillimis, lanceolato-linearibus, acuminatis, 26 mm. longis, 4 mm. latis; petalis ovato-lanceolatis, acutis 17 mm. longis, 5 mm. latis; labello concavo, trulliformi, supra basin constricto unidentatoque, disco basin 3-lamellato; toto labello 15 mm. longo, 7 mm. lato; columna humili, 2 mm. alta; ovario pedicellato cylindrico, 18 mm. longo. Ecuador: Prov. de Cañar in thick, wet forest.

Perianths bronzed white. Río Paute drainage. Febr. 3, 1945. Coll. F. R. Fosberg & F. Prieto no. 22707! Holotype (US). Pindilig, 8000 ft. alt. Coll. Zhorai s. n. (W) (Fig. 11).

This is a very peculiar plant. In general appearance it is reminiscent of the Javanese *Bulbophyllum ciliatum* (Bl.) Lindl., although a much more robust plant, both having the inflorescences produced from the middle of the rhizome. The true affinity of the plants of this new genus is, however, with *Bifrenaria*, especially with *B. venezuelana* C. Schweinf. which it also resembles in habit. Yet it differs from the characters of *Bifrenaria* in the stellate flowers, the short column-foot which does not produce a mentum, the truncate clinandrium, the mobile and articulate lip as well as the nature of the inflorescence which is produced from the rhizome quite remote from the pseudobulbs.

The specimens cited above have been known to me for over 20 years, and these would have remained unpublished were it not for the imminent urgency of the publication of an Orchid Flora of Ecuador, jointly undertaken by the Swedish Natural History Museum, Stockholm, and the Botanical Institute of Göteborg, and for which I am preparing the manuscript of the family Orchidaceae.