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1902

Flora of Koh Chang.

Contributions to the knowledge of the vegetation in the
Gulf of Siam.

By

Johs. Schmidt.

Part I.

(**Johs. Schmidt**: Introductory. — **F. Kränzlin**: Orchidaceae, Apostasiaceae.)

With Map (plate I).

Introductory

by **Johs. Schmidt.**

With the present contribution I am beginning the publication of a systematic list containing the plants collected by me during the stay of the Danish Expedition in Siam (1899—1900).

These contributions will be published gradually as the material will be examined and named by various specialists, who have kindly undertaken to work up my collections¹⁾.

The collections have all been made in the island Koh Chang (see Map) and adjacent smaller islands, thus originating in a small, fairly accessible area, of which the natural bounds are given by its position in the sea. On account of this and as catalogues of the plants growing in a certain locality have not hitherto been published from anywhere in Siam, as far as I am aware, I

¹⁾ The authors in question are alone responsible for the content of their papers with the exception of the words that I have to insert about the occurrence of the plants in their natural localities.

Klong Son, alt. 1000 ft., terrestrial in the jungle. Flowers white, labellum yellow, stem and leaves reddish, the latter very small.

Area: Lower Bengal, from Himalaya to Calcutta. Malacca, Perak.

Cypripedium L.

29. **C. Schmidtianum** Krzl. n. sp.

Scapo puberulo tenui, bractea lanceolata carinata acuta dimidium ovarii aequante. Sepalo dorsali latissime obovato explanato apice brevi acutato utrinque 9—11 nervio in nervis extus puberulo, sepalis lateralibus in phyllum multoties et inusitate parvum ovatum acuminatum coalitis, petalis late linearibus acutis arcissime deflexis, papillis minutis valde distantibus 3 v. 4 in margine superiore minute fimbriatis, labello petalis aequilongo marginibus ostii satis distantibus grosse papilloso, sacco amplo supra utrinque in lobulum acutum aucto; gynostemio gracili, staminodio antice profunde lunato medio sulcato (fere bipartito), dente in ima parte sulci paulum prosiliente (non proprie umbonato). — Sepal. dorsale 4,5 cm. altum et latum, sep. inferius 2,2 cm. longum, 8 mm. latum, petala 5,5 cm. longa, 1,2 cm. lata, labellum 5,5 cm. longum, supra 2,5 cm. latum; de colore nihil constat.

It is not without hesitation, that I found a new species of *Cypripedium* of which I am quite unable to give any particulars about the colours. The characters which make me believe that the species must be a new one are the extreme smallness of the lower sepal and the strictly deflexed petals. The first character is never observed in such a degree and the position of the petals is in similar manner only to be seen in *Cyp. Fairieanum* and *Cyp. Dayanum* but in neither the petals are so directly deflexed as in this species and both species are out of the question by numerous other characters. My material consists in 3 flowers preserved in alcohol and I am quite sure that I have seen all parts in their natural position and not injured by pressure.

Klong Son, alt. 1000 ft.; on rocks.

Apostasiaceae.

Apostasia.

30. **A. Lobbii** Rehb. f. in Flora Bd. 55 (1872) 278; Rolfe in Journ. Linn. Soc. XXV, 238; Krzl. Orch. G. & Sp. I, 9.

Nipple, alt. 2000 ft. Terrestrial.

Area: Borneo. Forests of Labuan.
