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On a Collection of Plants made by H. C. Robinson and L. Wray from Gunong Tahan, Pahang. By H. N. RIDLEY, M.A., F.R.S., F.L.S., assisted by other Botanists.

[Read 5th December, 1907.]

[In 1905 the Trustees of the British Museum made a grant towards the expenses of Mr. H. C. Robinson's expedition to Gunong Tahan in the Malay Peninsula, on condition that the whole collection made by the expedition should be sent to the Natural History Museum and that the first set should become the property of the Trustees. An account of the expedition will shortly be published in the Journal of the Federated Malay States Museum.

The plants, numbering about 250 specimens, were collected from May to July, 1905, by Mr. Robinson and Mr. L. Wray, Director of Museums, Federated Malay States. As Mr. H. N. Ridley, who is specially interested in the botany of the Peninsula, was home on leave during last year, I asked him to prepare an account of the collection. He agreed, but having to return to Singapore early in January, left his paper in an unfinished state; with Mr. E. G. Baker's assistance I have compared it with the specimens in the study set at the British Museum, annotated, and prepared it for the press. The account of the Ferns and Mosses is largely the work of Mr. A. Gepp, and that of the Fungi and Lichens has been prepared by Miss A. Lorrain Smith.

(A. B. RENDLE.)]

THE mountain Gunong Tahan lies in the north of Pahang, on the east coast of the Malay Peninsula, and was formerly believed to be by far the highest mountain in the Peninsula. It proves, however, to be by no means so lofty as was at first supposed, being only 7100 feet in altitude.

Several attempts were made to explore this mountain on previous occasions. The first of these was undertaken by the author of this paper, accompanied by Mr. W. Davison, Curator of the Raffles Museum, Singapore, and Lieut. Kelsall, R.E., in 1891. The position of the mountain was then unknown, and owing to the limited time allowed, the failure of the commissariat, the extremely unhealthy character of the Tahan Valley, and the unsettled state of Pahang, then on the eve of the rebellion which broke out the following year, the expedition failed to reach its goal. A good collection of plants, however, was made, an account of which was published in the Transactions of this Society, ser. 2, iii. p. 267, and an itinerary of the trip in the Journal of the Royal Asiatic Society, Straits Branch, vol. xxv. p. 33. This expedition attempted to reach the mountain by travelling up the Pahang river, then up the Tembeling and Tahan rivers, which latter stream is reported to spring from the base of the mountain.

BROMHEADIA ALTICOLA, *Ridl. in Journ. Linn. Soc., Bot.* xxviii. (1891) 338.
Gunong Tahan, 3300 ft. Flowers creamy white. (5428.) Common at
high and low altitudes on trees.
Distrib. Selangor, Singapore.

THRIXSPERMUM SCORTECHINII, *Ridl. Fl. Mal. Pen., Monocot.* i. 183.
Gunong Tahan, 5000-5500 ft.; on trees. (5512.)
Distrib. Malay Peninsula.

APPENDICULA RUPESTRIS, *Ridl. in Journ. Linn. Soc., Bot.* xxxii. (1896) 391.
Kwala Tahan, 500-1000 ft. Flowers yellowish-white; top of column pink.
(5537.) From the type-locality.

ACRIOPSIS JAVANICA, *Blume, Bijdr.* 337.
Gunong Tahan, 4000-5000 ft. (5412.) Fruiting specimen only.
Distrib. Malay Peninsula, Tenasserim, Sumatra, Java.

HETERIA ELEGANS, n. sp.

Caulis 3 poll. longus. Folia ovata acuminata acuta trinervia, 3 poll. longa
1 poll. lata, glabra, petiolo vaginante $1\frac{1}{2}$ poll. longo. Pedunculus cum
racemo 18-pollicari, basi (12 poll.) nudo. Racemus multiflorus, laxi-
usculus; rachis albopubescens. Flores vix plus quam $\frac{1}{2}$ poll. longi,
pedicello cum ovario $\frac{1}{4}$ poll. longo. Bractee lanceolatæ acuminatæ.
Sepala ovata obtusa glabra. Petala angustè linearia apicibus dilatatis.
Labelum quam sepala brevius oblongum ovatum saccatum, cum processu-
bus carnosus clavatis pluribus in sacco; carunculo carnosus in apice labelli.
Columna basi angusta, superne dilatata. Rostellum late excisum, lobis
latis obtusis.

Gunong Tahan, 5000-6000 ft. Flowers greenish. (5466.)
Near *H. elata*, Hook. fil., of Batang Padang, but differs in having a laxer
spike, narrower petals, and a different lip.

HABENARIA ZOSTEROSTYLOIDES, *Hook. fil. Fl. Brit. Ind.* vi. 155.
Gunong Tahan, 5000-6000 ft. Flowers greenish. (5480.)
Distrib. Also occurs on Mt. Ophir and other hills in the Peninsula.

CYPRIPEDIUM BARBATUM, *Lindl. Bot. Reg.* (1841) Misc. 53.
Gunong Tahan, 5000-6000 ft. Leaves chequered pale green and white;
lateral petals spotted with black-purple terminally. (5442.) Specimen
in fruit only; determination doubtful.
Distrib. Malay Peninsula, Siam.

APOSTASIACEÆ.

APOSTASIA NUDA, *R. Br. in Wall. Pl. As. Rar.* i. 76.
Gunong Tahan, 3300 ft. Flowers white. (5318.)
Distrib. Common in the Peninsula; also North-East India; Sumatra, Java.