

long. Halteres present. Length of body, including genital spike, .890 millim.; length of genital spike .265 millim.

Hab. Ypiranga, State of S. Paulo. On a bush of the order Myrtaceæ. The females are found on the upperside of the leaves, but the male scales are usually clustered along the midrib on the underside of the leaves.

XVI.—*On a small Collection of Butterflies from the Kikuyu Country and Mombasa made by the Rev. K. St. Aubyn Rogers.* By ARTHUR G. BUTLER, Ph.D.

It will be remembered that in the 'Annals' for January last I published an account of a collection of butterflies made by Mr. Rogers between Mombasa and the Forests of Taveta, and that therein I called attention to certain species which were either new to the Museum collection or of which we required additional examples.

Mr. Rogers has now sent some of the specimens asked for, together with a series of butterflies collected by him last year in the Kikuyu country, which is especially interesting as supplementing my paper upon Mr. Crawshay's collections recently published in the 'Proceedings of the Zoological Society.'

The present consignment from Mr. Rogers consists of fifty-six species, some of which are of considerable rarity in collections; the following are of especial importance to us:—Both sexes of *Precis Westermanni* (in two pairs); *Axiocerses punicea*, new to the Museum; the female of *Virachola dariaves*, which was also new to the general collection—of this species Mr. Rogers observes that he has only once come across it, "at a place about 14 miles up the creek, where it was quite common," so that he did not trouble much about it; *Uranotauma cordatus* and *Falkensteini*; *Cyclureus Sharpie*; *Mylothris rubricosta* and the female of *M. Jacksoni*, which was new to us; a pair of *Terias regularis* (no. 250), which we have not received commonly from Eastern Africa; *Teracolus Rothschildi* in both sexes; a male of *T. castalis*; a beautiful and very lightly magenta-spotted male of *T. elgonensis* (214), of which we previously only possessed the worn male collected by Mr. Crawshay; *Belenois margaritacea*, of which we previously only had one example; females of *Papilio MacKinnoni* and *Jacksoni*; an example of what I believe to be *Sarangesa ophthalmica*, and which is new to the Museum. No new species were obtained, but a list of the species with

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their dates of capture would, I think, be useful, as adding to our knowledge of the geographical distribution of African butterflies, and therefore I append it.

List of Species.

- Amauris albigulata*, Butl. Kikuyu, 17th and 20th December.
Neocanyra Gregorii, Butl. Kikuyu, 10th October.
Precis cebrene, Trim. Kikuyu, 1st December.
 — *Westermanni*, Westw. Kikuyu, 10th, 11th, and 12th December.
Hypanartia hippomenes, Hübn. Kikuyu, 12th December.
Pyrameis abyssinica, Feld. Kikuyu, 12th and 17th December.
Neptidopsis fulgurata, Boisd. Mombasa, 3rd November.
Eurytela dryope, Fabr. Kikuyu, 19th December.
Acraea perrupta, Butl. Mombasa, 19th November.
 — *Doubledayi*, Guér. Nyale, 14th September.
 — *neobule*, Doubl. Kikuyu, 22nd December.
Axiocerses punicea, Gr.-Sm. Nyale, 14th September.
Virachola dariaves ♀, Hewits. Mombasa, 4th October.
Epamera pallene, Wallgr. Mombasa, 16th November.
Lycænesthes lemnos, Hewits. Kikuyu, 12th and 14th December.
Uranothauma cordatus, Sharpe. Kikuyu, 20th December.
 — *Falkensteini*, Dewitz. Kikuyu, 15th December.
Cacyreus linzeus, Cram. Kikuyu, 24th December.
Cyclyreus Sharpia, Butl. Kikuyu, 20th December.
Zizera lucida, Trim. Mombasa, 20th November.
Mylothris Rüppellii, Koch. Kikuyu, 10th, 11th, 18th, 19th December.
 — *rubricosta*, Mab. Kikuyu, 10th December.
 — *Jacksoni* ♀, Sharpe. Kikuyu, 13th December.
Colias electo, var. *edusa*, Fabr. Mombasa, 25th October; Kikuyu, 10th and 20th December.
Terias regularis ♂ ♀, Butl. Mombasa, 24th October and 19th November.
 — *hapale*, Mab. Kikuyu, 10th December.
 — *senegalensis*, Boisd. Mombasa, 17th November.
Teracolus Rothschildi, Sharpe. Mombasa, 20th October and 17th November.
 — *castalis*, Staud. Mombasa, 26th October.
 — *eris*, Klug. Kikuyu, 20th December.
 — *elgonensis*, Sharpe. Kikuyu, 11th December.
 — *imperator*, Butl. Mombasa, 18th, 19th, 23rd, and 25th October, 1st, 15th, 19th, and 22nd November; Kikuyu, 11th December.
 — *antevippe*, Boisd. Mombasa, 15th and 17th November.
 — *gavisia*, Wallgr. Mombasa, 7th and 22nd November; Kikuyu, 11th, 15th, and 19th December.
Glutophrissa contracta, Butl. Kikuyu, 15th December.
Belenois zochalia, Boisd. Kikuyu, 10th, 17th, 20th, and 22nd December.
 — *mesentina*, Cram. Mombasa, 22nd November.
 — *margaritacea*, Sharpe. Kikuyu, 12th December.
Synchlœa Johnstoni, Crowley. Kikuyu, 14th December.
Leuceronia Buquetii, Boisd. Mombasa, 17th November.
Papilio Muckinmoni, Sharpe. Kikuyu, 12th December.
 — *nireus*, Linn. Kikuyu, 12th and 22nd December.
 — *lyceus*, Doubl. Kikuyu, 12th December.
 — *phorcas*, Cram. Kikuyu, 12th and 14th December.
 — *cenea*, Stoll. Kikuyu (escarpment), 13th December.
 — *Jacksoni*, Sharpe. Kikuyu, 12th December.

- Sarangesa ophthalmica* ♀, Mab. Nyale, 14th September.
Eretis lugens, Rogenh. Kikuyu, 10th and 19th December.
Pyrgus sataspes, Trim. Mombasa, 20th November.
 — *machakosa*, Butl. Mombasa, 19th November.
 — *spio*, Linn. Kikuyu, 10th and 20th December.
Gomalia elma, Trim. Mombasa, 10th November; Kikuyu, 22nd December.
Cyclopides midas, Butl. Kikuyu, 11th December.
 — *quadrisignatus*, Butl. Kikuyu, 10th, 11th, and 18th December.
Padraona zeno, Trim. Kikuyu, 10th and 12th December.
Gegenes Letterstedti, Wallgr. Kikuyu, 19th December.
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XVII.—On a new Bat from Borneo.

By R. SHELFORD, M.A., Curator of the Sarawak Museum.

Hipposiderus Covi, sp. n.

Size small. Nose-leaf large and complicated in form; front surface of the posterior leaf divided into four cells by three vertical septa, of which the central is narrow and the cells on each side of it of considerable size, whilst the two lateral septa are very broad and the two outer cells much reduced in size; upper margin of posterior nose-leaf folded back on itself; sella broad, divided into a central thickened portion with a median longitudinal ridge and two lateral triangular lappets; anterior nose-leaf or horseshoe very large, completely hiding the muzzle when viewed from above, its anterior border projecting beyond the upper lip. Two secondary cutaneous leaflets, the upper continuous round the end of the muzzle, the lower consisting of two short and separate parts. No frontal gland in the female. Ears large, reaching slightly beyond the tip of the muzzle when laid forwards, their tips subacute; anterior margins slightly concave, posterior margins concave below the tips, then convex. Wings from the metatarsi. Tip of the tail projecting slightly beyond the interfemoral membrane. Colour (in spirit) dark uniform brown.

Dentition.—Minute first upper premolar present, in the outer angle formed by the approximated upper canine and second upper premolar.

Dimensions of the type (an adult female in spirit) in millimetres:—

Forearm 53.

Head and body 51.5; tail 26; head 21.5; nose-leaf 13 × 10; ear 16.5; calcar 11.

Hab. Mount Penrisen, Sarawak, Borneo, 4200 feet.

Type in British Museum. Registered number 1. 6. 23. 1.



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