

VIII.—On a Second Collection of Butterflies obtained by Mr. Edward M. de Jersey in Nyasaland. By A. G. BUTLER, Ph.D. &c.

THE present collection was sent off from Likoma on May 23rd of the present year, and consists of forty-five species of Butterflies obtained in April and May. The following is a list of the species :—

Nymphalidæ.

1. *Precis simia*, Wallgr.

♂ ♀ ♀, Matope, 13th April.

One normal female and an interesting pair (as large as typical *P. octavia*, but at once distinguishable by the double instead of single black band across the end of the discoidal cell of primaries); the absence of the diffused pink belt on the upper surface and the heavy connected black markings on the basal half of the secondaries below distinguish it at a glance from *P. Trimenii*.

2. *Precis cuama*, Hewits.

♀, Matope, 13th April.

3. *Precis cebrene*, Trimen.

♀ ♀, Likoma, 24th April and May.

4. *Precis clelia*, Cramer.

Likoma and Chisumulu (an island off Likoma), May.

5. *Precis boopis*, Trimen.

♂ ♂, Mpondas, two miles north of Nyasa, 18th April; Likoma, May.

6. *Precis natalica*, Felder.

♂ ♀, between Mandala and Matope, 12th April.

7. *Hamanumida dædalus*, Fabr.

♀ ♀, between Mandala and Matope, 12th April; Likoma, May.

8. *Atella phalantha*, Drury.

♂, Chisumulu, May.

9. *Byblia vulgaris*, Staud.

♂, Matope, 13th April; ♀, Mpondas, 18th April; ♀, Likoma, and ♂ ♂, Chisumulu, May.

10. *Acræa Buxtoni*, Butl.

♂ ♂, Kota Kota, 20th April; ♀, Likoma; ♂ ♂, Chisumulu, May.

11. *Acræa lycia*, Fabr.

♀, Kota Kota, 20th April.

12. *Acræa Doubledayi*, Guérin.

♂, Mpondas, 18th April; ♂ ♂ ♀ ♀, Likoma, May.

13. *Acræa egina*, Cramer.

♂, Chisumulu, May.

I strongly suspect that this is the wet phase and *A. areca* the dry phase of one species.

14. *Acræa acara*, Hewits.

♂ ♂, Likoma, May.

Lycænidae.15. *Lachnocnema bibulus*, Fabr.

♂ ♀, between Mandala and Matope, 12th April; ♂, Mpondas, 18th April, 1899.

16. *Polyommatus bæticus*, Linn.

♂, Kota Kota, 20th April.

17. *Catochrysops asopus*, Hopff.

♂, between Mandala and Matope, 12th April; ♂ ♀, Likoma, May.

18. *Nacaduba sichela*, Wallgr.

♂, Kota Kota, 20th April.

This species differs from the typical forms of *Nacaduba* in having no tail to the secondaries, a character which is said to be lacking in the African examples of *Talicauda nyseus* (which, according to Staudinger, occurs both in East and West

Africa). Considering the numerous collections which we have received from all parts of East Africa, it seems a little strange that not one example of this species should have been received; it almost makes one inclined to wonder whether the German localities are authentic. If Staudinger's illustration is correct, the species he figures is not only destitute of tails, but differs utterly in the tint of the orange patch on the secondaries; whether African or not, it *must* be a distinct species from the common and well-known Indian type, and I would suggest that it should be called *T. ecaudata*.

19. *Zizera knysna*, Trimen.

♂, Mpondas, 18th April; ♀, Kota Kota, 20th April.

20. *Zizera lucida*, Trimen.

♀, Likoma, ♂ ♀, Chisumulu, May.

21. *Tarucus telicanus*, Lang.

♂, Likoma, May.

22. *Azanus natalensis*, Trimen.

♂, between Mandala and Matope, 12th April.

23. *Plebeius trochilus*, Freyer.

♂, Likoma, May.

According to De Nicéville this is a *Chilades*.

Papilionidæ.

24. *Mylothris agathina*, Cramer.

♀, between Mandala and Matope, 12th April; ♂ ♂, Kota Kota, 20th April.

25. *Terias brigitta*, Cramer.

Var. *zoe*.—♂, Chisumulu, May.

Var. *candace*.—♂ ♂, Kota Kota, 20th April; Likoma, May.

26. *Terias senegalensis*, Boisd.

Typical form.—♀, Kota Kota, 20th April; ♂, Likoma, May.

Var. *bisinuata*.—♂ ♀, Mpondas, 18th April.

27. *Teracolus imperator*, Butler.

Dry form.—♀, Mpondas, 18th April.

The female of this phase is new to the Museum.

28. *Teracolus dissociatus*, Butler.

♂♂, Likoma, May.

We previously only possessed one male of the wet phase of this species.

29. *Teracolus pseudetrida*, Westw.

♂♀, Matope, 13th April; ♀♀, Mpondas, 18th April.

30. *Teracolus xanthus*, Swinh.

♂ (wet phase), Mpondas, 18th April.

31. *Teracolus gavis*a, Wallgr.

♀♀ (wet phase), Matope, 13th April; Likoma, May.

32. *Teracolus omphale*, Godart.

♂♂♀♀, Mpondas, 18th April.

33. *Teracolus callidia*, Grose-Smith.

♂♀, Matope, 13th April; ♀, Likoma, 26th April;
♂♂♀♀, Likoma and Chisumulu, May.

Three of the females are of the yellow-tipped type.

34. *Teracolus mutans*, Butler.

♀, Matope, 13th April; ♂, Mpondas, 18th April.

I find that the Nyasa species is undoubtedly distinct from the Natal one, that *T. mutans* is the wet phase, of which *T. rhodesina* is the intermediate, and of which I have recorded the dry phase (as probably intermediate). *T. argillaceus*, the representative of *T. vesta* in South Africa, seems to stand alone in the group as regards the colouring of the under surface in its dry phase. *T. mutans* is, in fact, the East Central representative of the more northerly *T. catachrysops*, from which it differs above in the distinctly broader and larger spots of the discal series on the upper surface of the secondaries and the different character of its intermediate and dry phases on both surfaces.

35. *Catopsilia florella*, Fabr.

♂ ♀ ♀, Kota Kota, 20th April; ♂ ♂, Likoma, May.

All the specimens of this species had evidently been long on the wing and were much worn and shattered.

36. *Belenois severina*, Cramer.

Var. *infida*.—♀, Matope, 13th April.

37. *Belenois mesentina*, Cramer.

♂ ♂ ♀, Mpondas, 18th April; ♀ ♀, Kota Kota, 20th April; ♂ ♂ ♀ ♀, Likoma and Chisumulu, May.

One pair from Mpondas consisted of mere fragments, but all the others were in tolerably good condition.

38. *Herpænia eriphia*, Godart.

♀ ♀, Likoma, ♂ ♂, Chisumulu, May.

39. *Papilio demodocus*, Esper.

♂ ♂ ♀, Kota Kota, 20th April.

Hesperiidæ.

40. *Tagiades fesus*, Fabr.

♀, Kota Kota, 20th April.

41. *Pyrgus spio*, Linn.

♂, Likoma, May.

42. *Oxypalpus ruso*, Mab.

♂ ♂, Likoma, May.

43. *Baoris inconspicua*, Bertol.

♂ ♀, Kota Kota, 20th April; ♂ ♂, Chisumulu, May.

44. *Parnara mathias*, Fabr.

♂ ♂, Mpondas, 18th April; Kota Kota, 20th April.

45. *Parnara delecta*, Trimen.

♂, Kota Kota, 20th April.



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