

CORYNDON MEMORIAL MUSEUM EXPEDITION TO THE
CHYULU HILLS.

X. COLEOPTERA. (PART 3.)

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Since the publication of the sixth of this series of reports a considerable number of named *Coleoptera* have been returned by the British Museum (Nat. Hist.). Most of the beetles collected by the expedition have now been identified and it is unlikely, in the present circumstances, that further determinations will be received. This paper, therefore, concludes the enumeration of the *Coleoptera* collected in the Chyulu Hills.

Family STAPHYLINIDAE.

Many specimens of this family were collected in buffalo dung and it has been possible to identify a fair number. The description of new species will have to wait until happier times. None of the species appear to be restricted to any particular altitude in the hills.

1. *Stenus subopacus* Fauv.
Four specimens. Not uncommon in the Nairobi District.
2. *Paederus pedestris* Gerst.
Four specimens. New to the collection. The so-called "Nairobi Fly," which causes an inflammation of the skin, belongs to this genus.
3. *Paederus annexus* Epp.
Three specimens. There are specimens in the Museum collection from Kampala and Kaimosi.
4. *Paederus sabaicus* Er.
Seventy specimens. Very common throughout East Africa.
5. *Astenus guttipennis* Fauv.
Twenty-six specimens. New to the Museum collection. There are also five specimens of a paler variety.
6. *Charichirus katonae* Bernh.
One specimen. New to the collection.
7. *Philonthus abyssinicus* Fauv.
Two specimens. Common and widely distributed in East Africa.

8. *Philonthus vittiger* Fauv.
One specimen. New to the collection.
9. *Philonthus vittatus* Roth.
Five specimens. Not uncommon at Nairobi.
10. *Philonthus methneri* Bernh.
Twenty-six specimens. A large and conspicuous species.
New to the collection.
11. *Philonthus nitidicollis* Klug.
One specimen. New to the collection.
12. *Philonthus morio* Boh.
One specimen. A common species.
13. *Philonthus bisignatus* Boh.
One specimen. The Museum has specimens from Nairobi
and Naivasha.
14. *Philonthus circumcinctus* Epp.
One specimen. New to the Museum.
15. *Philonthus peregrinus* Fauv.
One specimen. A common species.
16. *Philonthus peregrinus* var. *scutatus* Epp.
A variety with reddish elytra. Sixty-one specimens were
collected of this abundant species.
17. *Philonthus katonae* Bernh.
One specimen. New to the collection.
18. *Atheta obtusideus* Epp.
One specimen. New to the Museum.
19. *Zyras bihamatus* Fauv.
One specimen. New to the collection. The members of
this large genus are inhabitants of ants' nests and bear a
superficial resemblance to their hosts when running with
them.
20. *Zyras grandiceps* Bernh.
One specimen. New to the collection.
21. *Zyras burtti* Bernh.
One specimen. New to the collection.
22. *Myrmecchusa mirabilis* Wasm.
One specimen. New to the collection. This is also a
myrmecophilous genus.

23. *Aleochara bohemani* B. & S.
Sixteen specimens. New to the collection.
24. *Aleochara bicoloripennis* Bernh.
Six specimens. Also occurs in the Nairobi area.
25. *Aleochara angusticollis* Bernh.
Four specimens. New to the Museum.
26. *Aleochara bilineata* Gyll.
Eleven specimens. New to the collection.
27. *Holosus singularis* Gerst.
One specimen. New to the collection.

Species which were unrepresented in the British Museum collection have been submitted to Dr. Malcolm Cameron and as a result he has published (*Ann. & Mag. Nat. Hist.*, 1942, 53, S. II, p. 321) descriptions of eighteen new species collected by the expedition.

The names of these species are as follows:—

<i>Eleusis unicolor.</i>	<i>Lispinus coryndoni.</i>
<i>Megarthrus monticola.</i>	<i>Omalium montivagans.</i>
<i>Oxytelus monticola.</i>	<i>Stenus chyuluensis.</i>
<i>Stenus coryndoni.</i>	<i>Medon aethiopicus.</i>
<i>Lithocharis simplex.</i>	<i>Philonthus satanus.</i>
<i>Philonthus diabolicus.</i>	<i>Philonthus nigricolor.</i>
<i>Philonthus chyuluensis.</i>	<i>Philonthus coryndoni.</i>
<i>Staphylinus africanus.</i>	<i>Staphylinus montanus.</i>
<i>Atheta chyuluensis.</i>	<i>Aleochara imitator.</i>

All types are in the collection of the British Museum.

Family SILPHIDAE.

28. *Silpha micans* F.
Six specimens. Common from the south of the Sahara to the Cape in decaying carcasses.

Family NITIDULIDAE.

29. *Carpophilus binotatus* Murr.
Fourteen specimens. New to the collection. Found in rotting fruit.
30. *Carpophilus dimidiatus* F.
One specimen. Common and generally distributed.

Family CUCUJIDAE.

31. *Silvanus surinamensis* L.
One specimen. This species has a cosmopolitan distribution.

Family COCCINELLIDAE.

The members of this large family are well-known as "Lady Bird" beetles and are universally distributed. The colour pattern of spots and stripes in most species is subject to great variation and renders their determination of some difficulty.

The great genus *Epilachna* contains phytophagous species and occurs in all parts of Africa. Most of the other genera are carnivorous and many species are formidable foes of "Mealy Bug." Some species are being bred by the Agricultural Department, in Kenya, and are distributed to planters to combat this pest of coffee.

32. *Epilachna polymorpha* Gerst.
One specimen. Common throughout East Africa.
33. *Epilachna chrysomelina* F.
One specimen. Widely spread.
34. *Epilachna hirta* Th.
Seventy specimens. Very common and widely spread.
35. *Epilachna capicola* Mul.
Nineteen specimens. Very common.
36. *Epilachna tetracycla* ab. *quadrioculata* Klb.
Seven specimens. Widely distributed in Kenya.
37. *Aulis annex* Muls.
Four specimens. Occurs also in Nairobi.
38. *Scymnus luteus* Sic.
Five specimens. New to the collection.
39. *Chilocorus adustus* Wse.
One specimen.
40. *Chilocorus quadrimaculatus* Wse.
One specimen. Not uncommon in the Nairobi area.
41. *Cydonia lunata* F.
Four specimens. Common and widely distributed.
42. *Cydonia aurora* Gerst.
Six specimens. Common and widely spread.
43. *Alesia striata* F.
Four specimens. Common and widely distributed.
44. *Adalia intermedia* Crotch.
Three specimens. Common and widely distributed.

45. *Thea variegata* F.
One specimen. New to the collection.
46. *Thea variegata* var. *citrina* Sic.
One specimen. Common and widely distributed.

Family *DERMESTIDAE*.

47. *Dermestes vulpinus* F.
One specimen. This species occurs commonly throughout the world in carcasses and decaying animal matter of all kinds.

Family *EROTYLIDAE*.

48. *Amblyopus ferrugineus* Gorh.
Twenty specimens. Occurs in fungus.

Family *HYDROPHILIDAE*.

49. *Coelostoma aethiopicum* D'Orch.
One specimen. New to the collection.
50. *Sphaeridium abbreviatum* Boh.
One specimen.
51. *Dactylosternum antennale* D'Orch.
Five specimens. Common and widely distributed.
52. *Dactylosternum abdominale* F.
Sixteen specimens. Very common in East Africa.