

The Scientific Results of the Hungarian Soil Zoological Expedition to the Brazzaville-Congo*

39. Clytrinae (Coleoptera: Chrysomelidae)

By

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Dr. ZOLTÁN KASZAB has amiably placed at my disposal a material of African Clytrinae from the Hungarian Natural History Museum which was collected in the Brazzaville-Congo by the Hungarian Soil Zoological Expedition. The material counts 72 specimens, belonging to 8 species. An annotated list of species is given below.

1. *Peploptera suturalis* CLAV.

Kindamba, Meya, Bangu forest, 12. XI. 1963, 1 specimen; leg. BALOGH & ZICSI. Beaten from bushes of forest. — Kindamba, Meya, savannah, 2. XI. 1963, 1 specimen; leg. ENDRÓDY-YOUNGA. Netted on dry high grass with several dicotyledons.

Species was known from Leopoldville-Congo.

2. *Aetheomorpha nematoidea* LAC.

Loudima, fruit plantation, 6. XII. 1963, 2 specimens, leg. BALOGH & ZICSI. — Loudima, 11. XII. 1963, 1 specimen, leg. ENDRÓDY-YOUNGA. By lamplight on hillside facing savannah.

Was known from Senegal and Cameroons.

3. *Melitonoma punctipennis* JAC.

Loudima, fruit plantation, 6. XII. 1963, 10 specimens, leg. ENDRÓDY-YOUNGA. Netted from undergrowth of fruit plots with many dicotyledons. — Loudima, milk-farm, 7. XII. 1963, 3 specimens, leg. ENDRÓDY-YOUNGA. Netted from weed-borders rich in dicotyledons.

Species was known from Dahomea, Nigeria and Leopoldville-Congo.

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4. *Coptocephala minor* BURG.

Lefinie reservation, 13. I. 1964, 1 specimen, leg. ENDRÓDY-YOUNGA. Netted on low grassy savannah.

Species was described from Leopoldville-Congo.

5. *Coptocephala imitans* JAC.

Brazzaville, 30. XII. 1963, 1 specimen, leg. ENDRÓDY-YOUNGA. Netted on dry meadow.

Was known from Togo and Leopoldville-Congo.

Coptocephala dortevellei BURG. is a new synonym of this species. *Coptocephala opacipennis* WSE from Tansania differs only in colour of legs and must be regarded as a subspecies of *C. imitans* JAC.

6. *Smaragdina elongata* JAC.

Sibiti, leg. ENDRÓDY-YOUNGA: along border of rain forest, 26. XI. 1963, 1 specimen and 2. XII. 1963, 1 specimen; rain forest, 23. XI. 1963, 1 specimen and 27. XI. 1963, 2 specimens; oilpalm plantation, 27. XI. 1963, 11 specimens and 29. XI. 1963, 1 specimen.

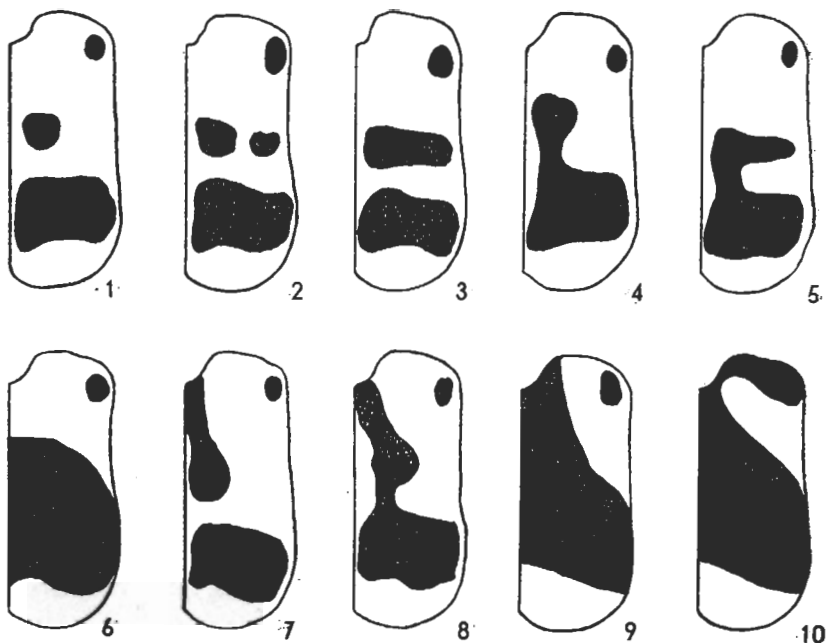
Abundant species; was recorded from Sierra Leone, Togo, Leopoldville-Congo, Kenya and South Africa.

7. *Smaragdina scitula* LAC.

This is an extremely variable species, especially in patterns of elytra. Prothorax may be black or lateral margins more or less fulvous, red-fulvous or brown. Legs entirely black or base of tibiae fulvous, or tibiae entirely fulvous (sometimes darkened on apices) tarsi sometimes more or less fulvous. Each elytron of typical form (fig. 2) with humeral spot (*m1*), a spot before middle near lateral border (*m2*) a spot before middle near suture (*m3*) and transverse band behind middle (*f*).

There are following aberrations before me:

- ab. *deficiens*, nov. — *m2* absent (fig. 1). This is var. *A* of LACORDAIRE.
- ab. *fasciata*, nov. — *m2* and *m3* connected in a transverse band (fig. 3).
- ab. *connectens*, nov. — *m2* absent, *m3* connected with *f* (fig. 4).
- ab. *hieroglyphica*, nov. — *m3* connected with *m0* and *f* (fig. 5).
- ab. *stanleyi* PIC — *m2*, *m3* and *f* are confluent in a broad common transverse band (fig. 6).
- ab. *subvittata*, nov. — *m2* absent, *m3* continue forward to scutellum, suture not black (fig. 7).
- ab. *vittata*, nov. — quite similar to preceding form, but *m3* connected with *f* (fig. 8).
- ab. *subconfluens*, nov. — similar to ab. *vittata*, but suture, except apex, black and prolongation of *m3* reaching the basal margin of elytra (fig. 9).



Figs. 1—10. Aberrations of *Smaragdina scitula* LAC. 1: ab. *deficiens*, nov.; 2: typical form; 3: ab. *fasciata*, nov.; 4: ab. *connectens*, nov.; 5: ab. *hieroglyphica*, nov.; 6: ab. *stanleyi* PIC; 7: ab. *subvittata*, nov.; 8: ab. *vittata*, nov.; 9: ab. *subconfluens*, nov.; 10: ab. *confluens*, nov.

ab. *confluens*, nov. — very similar to preceding, but *m1* connected along basal margin with prolongation of *m3* (fig. 10).

The typical form was not found in Congo; ab. *deficiens* seems to be the most abundant.

Smaragdina marginicollis JAC. and *S. stanleyi* PIC are new synonyms of *S. scitula* LAC.

Mont Fouari reservation (near Gabon), 13—14. XII. 1963, 4 specimens, leg. BALOGH & ENDRÓDY-YOUNGA. On grass of savannah (ab. *deficiens*, *subvittata*). — Lefinie Reservation, Plato Bateke, Mbe, 14. I. 1964, 6 specimens, leg. ENDRÓDY-YOUNGA (ab. *subconfluens*, *confluens*). — Kindamba, Meya, leg. ENDRÓDY-YOUNGA: savannah, 30. X.—11. XI. 1963, 9 specimens on dry high grass (ab. *deficiens*, *fasciata*, *connectens*, *hieroglyphica*, *vittata*, *subconfluens*). Settlement, 5. XI. 1963, 1 specimen, by lamplight (ab. *hieroglyphica*). — Brazzaville, Djoue river, 25. X. 1963, 1 specimen, leg. ENDRÓDY-YOUNGA (ab. *stanleyi*). — 30 km W from Brazzaville, Forest Classee, 26. XII. 1963, 1 specimen, leg. ENDRÓDY-YOUNGA (ab. *stanleyi*). — Loudima, leg. ENDRÓDY-YOUNGA: on fields, covered with *Carex*, 5. XII. 1963, 2 specimens (ab. *defecta*, *hieroglyphica*). On burnt savannah, from graminea species, 5. XII. 1963, 1 specimen (ab. *fasciata*). Fruit plantation, 6. XII. 1963, 8 specimens, netted from undergrowth of fruit plots (ab. *deficiens*, *fasciata* and *connectens*).

Species distributed in Guinea, Leopoldville-Congo and Kapland.

8. *Smaragdina weisei* JAC.

Sibiti, oilpalm plantation, 27. XI. 1963, 1 specimen, leg. ENDRÓDY-YOUNGA. — Lou-dima, milk-farm, 7. XII. 1963, 2 specimens, leg. ENDRÓDY-YOUNGA.

Species was known from West Africa.

ZUSAMMENFASSUNG

Einige Clytrinae-Arten aus Brazzaville-Congo

Der Verfasser zählt 8 Arten aus der Unterfamilie Clytrinae (Chrysomelidae) auf, die von der ungarischen bodenzoologischen Expedition in Brazzaville-Congo gesammelt worden sind. Er beschreibt 8 neue Aberrationen der Art *Smaragdina scitula* LAC.