

ANALECTA MIRIDOLOGICA, VI OBSERVATIONS ON TYPES SPECIMENS DESCRIBED BY POPPIUS IN THE COLLECTIONS OF THE BERLIN MUSEUM (HEMIPTERA)

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During the author's visit to the "Institut für Spezielle Zoologie und Zoologisches Museum, Invaliden Strasse, 43, 104 Berlin", on August 1968, Doctor Ursula Göllner kindly put at our disposition for study the Miridae collection. Since the Poppius african types were of especial interest, because this author did not illustrate his types specimens and their genitalia, they were studied by us.

As one would expect the specimens are in fairly poor condition. In some cases, however, cotypes are to be found in other museums such as Helsinki, Stockholm, Paris, Genova, Budapest.

The author is aware that these notes will be of help for mirid taxonomists in the near future when dealing with african species. Thanks are due to our colleague Ursula Göllner for her assistance.

Types seen are derived from two papers: "Die Miriden der Athiopischen Region, I and II, Acta Societatis Scientiarum Feenicae; XLI: 203 pages, 16 figures, 1912 and XLIV: 138 pages, 1914" or from older works but included in the latter ones.

A total of 53 types were seen and notes taken as follows:

Adelphocoris aethiopicus Poppius, 1912

One male and one female, Cameroon, lost.

Calocoris bergrothi Poppius, 1912

Two females, Usambara. It belongs to another genus. Head horizontal clypeus very prominent, eyes contiguous to collar, segment I of antenna much thicker than others, incrassate towards apex, pronotum smooth, mesoscutum largely exposed, scutellum raised at middle, cuneus about as long as wide at base, vertex striolate, rostrum reaching segment VII of abdomen.

Deraeocoris ostentans obscuricollis Poppius, 1912

One cotype. Black, brilliant, scutellum and fascia on middle of disc of pronotum widened posteriorly yellow, head with a white spot on vertex and frons, hind margin of pronotum pale on sides.

Charitocoris nigrolineatus Poppius, 1912

Only the hemelytra remain on the cotype. It belongs to the genus *Stenotus* Jakovlev, 1877 and is a synonym of *Stenotus affinis* Poppius, 1912. The specimen is from Tanganika.

Collaria obscuricornis Poppius, 1910

The female cotype has only the hemelytra and abdomen, the femora have dark points (Kilimanjaro). The head fallen in one corner of the box shows long hairs on the antenna.

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Creontiades coloratus Poppius, 1912

The female holotype is lost.

Creontiades erlangeri Poppius, 1912

Type lost.

Creontiades plebejus Poppius, 1912

Holotype male, with hind margin of pronotum and apex of scutellum white, cuneus with reddish tinture.

Creontiades longicornis Poppius, 1912

The male holotype has a very long antenna, body densely pilose, cuneus and hind femora reddish. The generic position of this species is doubtful.

Creontiades tellini junodi Poppius, 1912

The cotype from northeastern Africa is lost.

Deraeocoris kenianus Poppius, 1912

The female holotype is mutilated. Only head and pronotum remain on the pin. It shows a pale spot with shape of a V on the vertex. The head, calli and angles of pronotum darker.

Eurystylus lineaticollis Poppius, 1911

Brown, head, median longitudinal line of pronotum and scutellum pale yellow (except margins of the latter which are dark), underside and legs pale. The female has a brown scutellum.

Eurystylus rufocunealis Poppius, 1911

Holotype male lost.

Hyalopeplus similis Poppius, 1912

The cotypes from Lake Nyassa have the hemelytra vitreous, cuneus reddish, three longitudinal dark and two reddish lines on pronotum, three lines on head and two on propleura and abdomen.

Lamprocapsidea rubra Poppius, 1912

The two females cotypes have the body brilliant glabrous, head and pronotum yellowish, hemelytra reddish, cuneal fracture deep, cuneus rounded externally, rostrum reaching beyond the hind coxae,

lorum strongly carinate, legs absent. It seems to be a species of *Deraeocorini* Kirschbaum.

Lamprolygus signatus discoidalis Poppius, 1912

Type lost.

Lygus gabonius lieellus Poppius, 1912

Type lost. In the label is written *Lygus gabonius lineolatus* Poppius, typus.

Lygus incertus Poppius, 1910

A cotype female. Color straw. Hairs very escarce and short, body brilliant, totally punctate above. It is a Mirini but do not belong to genus *Lygus* Hahn. It is undoubtedly a synonym of *Lygus sjostedti* Poppius, 1910.

Lygus fulleborni Poppius, 1912

The male holotype from West Africa, Bulongua, is not a *Lygus* Hahn. Body strongly punctate, densely pilose, hairs erect, color brown tending to black, brilliant, collar, line in the middle of disc, hemelytra and legs pale yellow, clavus and scutellum darker (apex of latter pale), Underside pale, sides of sternum black with a line from the peritreme to the head. Rostrum reaching beyond posterior coxae. It is a Mirini.

Lygus meruensis Poppius, 1910

A male cotype, straw color, with black spots: on posterior and anterior angles of disc and apex of cuneus, corium darker at middle, this color reaching embolium. Rostrum extending to IV or V abdominal segment of abdomen.

Lygus nigriscutum Poppius, 1912

The two males cotypes from Nyassa do not belong to genus *Lygus* Hahn. Body punctate above, antenna long as in *Creontiades* Distant, straw color, scutellum dark, median marginal posterior fascia of disc and claval commissure black. Rostrum reaching the hind coxae.

Lygus rugulosus Poppius, 1912

The male and female cotypes from Cameroon collected by Conradt are lost.

Lygus sjostedti Poppius, 1910

The female cotypes examined are not *Lygus*

Hahn. Pronotum, scutellum and hemelytra punctate, color straw, uniform, eyes black. Claws lost.

Lygus suturellus Poppius, 1910

The cotypes from Kilimanjaro are lost.

Lygus vosseleri Poppius, 1912

Color straw, apex of cuneus black, eyes, apex of second antenna, mesosterno and metapleura dark. General fascies of *Lygus pallidulus* (Blanchard) but smaller.

Megacoelum cuneale Poppius, 1912

The type from Togo has a pallid color, cuneus and femora brown, vertex sulcate. Size large. It may belong to genus *Creontiades* Distant.

Creontiades hildebrandi Poppius, 1912

This species is labelled as *Megacoelum hildebrandi* Poppius. The color is yellowish, antennae, eyes and apices of posterior femora reddish. The specimens are from Madagascar.

Megacoelum quadrituberculatum Poppius, 1912

The specimens from East Africa, Kibwezi are not *Megacoelum* Fieber. The calli are formed by four tubercles, scutellum strongly prominent at middle, this elevation also divided into two tubercles. Eyes very large, almost contiguous at middle, occupying two thirds of head and the whole lateral area, frons and clypeus very small, pronotum punctate, hairs of body as in *Polymerus* Hahn, rostrum reaching the hind coxae.

I have the pleasure to name the species as the type of a new genus, *Gollneria* n. gen., in homage to Doctor U. Gollner-Scheiding, an able hemipterist colleague at the Berlin Museum, specialist on the Lygaeidae, who kindly acted as host during my stay in that Museum.

Megacoelum madagascariense Poppius, 1912

The cotypes in the Berlin Museum are lost.

Megacoelum rufescens Poppius, 1912

The type from Lake Nyassa is lost.

Creontiades similimus Poppius, 1912

The holotype female from Madagascar is labelled *Megacoelum similimum* Poppius. The color is brown with first antenna and cuneus reddish.

Megacoelum variabile Poppius, 1912

The cotypes in the Berlin Museum are lost. The varieties *femoralis* Poppius, *obscurata* Poppius and *conradti* Poppius are also lost.

Orthotylus ericinellae, Poppius, 1914

Poppius does not mention the Berlin Museum as depository of types of this species. However we examined a male type, which seems to be a new genus. The hemelytra is twice as long as the abdomen, body beset with long, erect setae: First antennal segment shorter than width of head, cuneus four times as long as wide at base. The color is greenish, head, pronotum and clavus brick red, nervures of membrane reddish. Rostrum extending beyond the hind coxae.

Pararculanus piperis Poppius, 1912

The male holotype from Usambara, East Africa has the cuneus three times as long as wide at base, very slender, pronotum much narrowed in front, calli large, disc rugose, first antennal segment incrassate at middle, head with a long neck, the eyes situated beyond middle of head.

Physophoroptera mirabilis Poppius, 1910

Mutilated, only hemelytra and a portion of scutellum present on the pin. Reddish, scutellum strongly gibbous, cystiform, two black tubercles at base of corium, apex of cuneus black. Medium size. Poppius do not mention depositing types in Berlin.

Phytocoris erlangeri Poppius, 1912

Type lost.

Phytocoris galleni Poppius, 1912

The cotype male is a species of *Tinginotum* Kirkaldy, the body aspersed with red, apex of hemelytra with tufts of black hairs, inner margin and apex of cuneus, apex of embolium red.

Phytocoris montei Poppius, 1912

The type is mutilated, only the hemelytra remaining. Very near if not identical with *galleni* Poppius. Cuneus and tufts of hairs of corial apex similar. The specimens is less colorful but with same size.

Phytocoris rubrolineatus Poppius, 1912

The female holotype from Togo is lost.

Pleurochilophorus subhyalinus Poppius, 1912

The cotype from Nyassa, Langenburg is a female very similar to species of *Creontiades* Distant. Body vitreous with spots on pronotal angles and two dark fasciae on scutellum becoming darker towards the apex. It is a teneral specimen.

Stenotus affinis Poppius, 1912

The male cotype has first antenna, eyes, calli and pronotal angles black, brilliant. Hemelytra with black fasciae on clavo-scutellar and clavo-corial commissures. Mesosternum with a fasciae broadened towards hind margin, clypeus and apices of tibiae black. The general color is citrine. Abdomen lost.

Stenotus brauni Poppius, 1912

The female holotype from Northeastern Africa has a citrine color, base of clavus, apical spot of corium and apices of hind femora reddish. The species is very near *Stenotus pulcher* Poppius, 1912.

Stenotus capensis Poppius, 1912

The holotype from Cape is practically lost, only the hemelytra remaining. The color is brown, apex of clavus, corial commissure and cuneus pale.

Stenotus elegans Poppius, 1912

The female cotype from Amani is very near if not a synonym of *Stenotus affinis* Poppius. Pronotum and scutellum with brick and yellow areas, underside and legs also brick coloured.

Stenotus fulleborni Poppius, 1912

The holotype from Nyassa Lake is also mutilated. Only the hemelytra remains. It is undoubtedly a synonym of *Stenotus pylaon* Kirkaldy, 1902, since the hemelytra has the same color.

Stenotus lindiensis Poppius, 1912

The male holotype from Lindi is small in size with reddish color, first antenna and membrane infumate.

Stenotus brevior Poppius, 1910

The specimen with this name in Berlin is lost, however the holotype is mentioned by Poppius as being deposited in the Stockholm Museum.

Stenotus pulcher Poppius, 1912

The cotypes in the Berlin Museum have citrine color, eyes and calli dark, sides of pronotum, clavus (except apex) and apical spot of corium reddish.

Stenotus ruber Poppius, 1912

The holotype from Delagoa Bay is a male half lost, since only hemelytra and apex of abdomen remain. The color is reddish, membrane fuscous. Size small.

Trichocapsus rufus Poppius, 1912

Holotype from Delagoa Bay, color luteous tending to brick, cuneus reddish. Second antenna clavate towards apex which is black on incrassate portion with numerous, dense and straight hairs, pronotum punctate, setae of tibiae twice longer than thickness of segment, abdomen absent, hemelytra rugosely punctate, size medium.

Trichocapsus unicolor Poppius, 1912

The cotypes in the Berlin Museum are mutilated, remaining only the hemelytra. It is very near if not identical with *rufus* Poppius with same color and pubescence, slightly larger, with longer hairs.

Volumnus elongatus Poppius, 1912

Types lost.

Volumnus ruficornis Poppius, 1912

Types lost.

SUMMARY

This paper deals with notes taken by the author on the African types of Miridae (Hemiptera) described by Poppius and deposited in the Berlin Museum. A new genus, *Gollneria* n. gen., type species *Megacoelum quadrituberculatum* Poppius, 1912 is being erected.