

ANALECTA MIRIDOLOGICA, IV: OBSERVATIONS ON TYPE SPECIMENS IN THE NATIONAL MUSEUM OF NATURAL HISTORY, BUDAPEST, HUNGARY (HEMIPTERA, MIRIDAE)¹

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As mentioned in a previous paper (Analecta Miridologica, III) the author had the opportunity, during a recent trip to Ashkhabad, Turcomenistan, to visit some european museums, including the National Museum of Natural History in Budapest where several type specimens of species described by Poppius and Reuter were deposited.

The author hopes that the notes taken will be useful to taxonomists dealing with the family presently or in the future.

A total of 99 species were studied and observations are expressed as follows.

Acanthoepplus bergrothi Poppius, 1912

One female, Peru, Marcapata (typus). Very large and elongate, pronotum strongly punctate, glabrous, humeral angles pointed, raised upwards, scutellum with a prominent lobe at base, hemelytra with very short pubescence, frons striate, disc of pronotum with five longitudinal pale fasciae (the median more slender and reaching the hind margin which is also narrowly ochraceous), scutellum with two basal spots and three longitudinal fasciae pale, corium with a small pale spot at middle.

Araspus corallinus Poppius, 1912

Two females (typus), New Guinea, Biró; one male, Simbang, Huon-Golf. Bluish black metallic, head, pronotum, scutellum, base of hemelytra (up to the apical third of scutellum) reddish, abdomen black, sternal area reddish, clavus punctate internally.

Araspus scutellaris Poppius, 1912

Two males, New Guinea, Biró, 1899; one male (typus), Sattelberg, Huon-Golf, Stephanshort, Astrolabe Bay. Smaller and more lutescent than *corallinus* Poppius, in the type the pronotum is aspersed with red. This species when studied carefully might be a synonym of the first mentioned.

Aristoepplus imperialis Poppius, 1912

One specimen (typus), New Guinea, Friedrich Wilhelm Hafen, Biró. This species has been redescribed and illustrated recently by the author (Carvalho & Wallerstein, Rev. Brasil. Biol., 37(1): 50, fig. 5, 1977).

Bothriomiris dissimulans (Walker, 1873) Distant, 1904

Mallaca, Perak. Scutellum reddish, side of calli pale, abdomen pale reddish.

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Bothriomiris lugubris Poppius, 1915

Two specimens, Formosa, Sauter, VII, 1909 (typus, female); color varies in the two specimens (one has apex of scutellum and two subapical endocorial spots pale).

Cephalocapsidea obscurata Poppius, 1915

One specimen, Formosa, Sauter, Takan, 1897. Size minute, black, second antennal segment pale at middle, hind tibiae with minute dark spots at base of spines; head as in *Ranzovius* Distant. When studied critically this species might prove to belong to genus *Paramixia* Reuter, 1900.

Chlamydatus crassicornis Poppius, 1915

One specimen, Formosa, Sauter, Takan, 1907 (typus, male). Head above as in *Rhinacloa* Reuter, 1876, antenna pale, segment II black on apical half, femora black, tibiae with black spines but without spots at base.

Creontiades formosanus Poppius, 1915

Two specimens: (male, typus), Formosa, Sauter, Tsihorinsho; male, Formosa, Sauter, Fuhosho, 1909, VIII. Dark brown, cuneus more or less reddish, antenna pale, segment I with dark points; segment I black or black only apically.

Creontiades minutus Poppius, 1915

Four specimens: male typus, male and two females cotypes, Formosa, Sauter, Takan, 1907. Size small, pale with hind margin of pronotum and apex of scutellum dark brown, hind femur with reddish spots apically.

Creontiades pulchricornis Poppius, 1912

One female, Africa Oriental, Katona, Moschi, 1905. VIII. Pale, segment I of antenna with reddish points, frons with a red circle, sides of calli also with reddish line, propleura with red longitudinal line, abdomen red on upper margin, segment II of antenna with three reddish rings, very long.

Cylapus (Trichocylapus) clavicornis
Poppius, 1909

One specimen (typus), carded, male (?), Peru, Secuani. Scutellum cystiform, disc of pronotum, clavus and corium strongly punctate, base of cuneus pumpkin color, apex of third tibia white, second antennal segment strongly clavate, third femur with a pale fascia at middle.

Cylapus striatus Reuter, 1907

Two specimens, Peru, Pachitea (male, typus), 1 specimen Minas Gerais, Brazil, disc of pronotum with three longitudinal pale fasciae behind calli.

Deraeocoris apicalis Poppius, 1915

Two females, Formosa, Sauter. Scutellum black with basal angles and apex pale, punctate, coxae and legs pale with dark fasciae.

Under this name is also a male from Tonkin with smooth scutellum (*Camptobrochis* Fieber) and different coloration.

Deraeocoris celebensis Poppius, 1915

One male, typus and one female, S. Celebes, Bua-Kraeng, 1896, Fruhstorfer. Scutellum punctate, collar, hind margin of disc and two oblique fasciae at the sides of scutellum lutescent; size medium.

Deraeocoris colocasiae Poppius, 1915

One specimen, typus, New Guinea, Biró, 1896. Head, pronotum and legs lutescent, disc punctate, scutellum smooth, eyes large, body with erect short hairs, sternum lutescent, abdomen black.

Deraeocoris grisescens Poppius, 1915

One specimen, Australia, N.S. Wales (male, typus). Strongly punctate all over, scutellum prominent, rugose punctate, abdomen pale with a black spot at base of pygophore.

***Deraeocoris pallidiceps* Poppius, 1915**

One male, New Guinea, Biró, 1898. Punctate (except scutellum), body with short erect hairs, brown, head and collar pale, size small.

***Deraeocoris pallidulus* Poppius, 1915**

One male, typus, Singapore, Biró, 1898. Scutellum smooth, size small, pale. The pin is strongly rusted.

***Deraeocoris papuanus* Poppius, 1915**

Two females, Erima, Austrolabe Bai, New Guinea, Biró, 1896 (typus) and New Guinea, Biró, 1897, Stephansort, Austrolabe Bai. Scutellum smooth, head and pronotum lutescent, body with short erect hairs, hemelytra dark brown.

***Deraeocoris plebejus* Poppius, 1915**

Two specimens, Formosa, Sauter, Kosempo, 1908, female (typus) and male cotypus. Light brown, cuneus reddish internally, body strongly punctate (except scutellum), embolium and corium with reddish tinge.

***Deraeocoris sauteri* Poppius, 1915**

Three specimens (female, typus), Formosa, Sauter, Fuhosho, VIII. 1908. Black, brilliant, head punctate, second antennal segment slender with long hairs, scutellum punctate, legs short, hind margin of disc narrowly pale. This species is very near if not a synonym of *Deraeocoris celebensis* Poppius.

***Eolygus vittatus* Poppius, 1915**

Two specimens (male, typus), Formosa, Sauter, Taihorinsho, 1909, VIII. Body rugose punctate with three vittae on pronotum, two on scutellum and four on hemelytra.

***Ragwelellus (Narinellus) horvathi* (Poppius, 1912) Odhiambo, 1965**

Two specimens, New Guinea, Biró, Stephansort, Australobe Bai, Biró, (typus male).

Color pumpkin, cuneus, membrane, antenna, legs (except base of femora) fuscous, eyes black. The female specimen have the femora and base of tibiae black.

***Rayeria tumidiceps* (Horvath, 1902) Odhiambo, 1965**

One female, typus, Whittom, N.S. Wales. Black, head, neck, collar, anterior area of calli at middle lutescent, exocorium with a pale sub-basal spot, abdomen with segment III (only laterally), the whole IV, VI (laterally) milky white, pygophore and segment VIII of abdomen with oblique white fasciae, body of medium size.

***Eupachypeltis flavicornis* Poppius, 1915**

One male, typus, Formosa, Sauter, Takso, 1907. Pale, size small, pubescence dense, long, erect, clavus and scutellum densely pilose, antenna with long hairs, the length larger than thickness of segments, cuneus slightly longer than wide at base.

***Eurystylomorpha crassicornis* Poppius, 1915**

One specimen, Formosa, Sauter, Fuhosho, 1908. Size medium, brown with a subapical fascia on cuneus pale, segments I and II of antenna incrassate, segments III-IV slender, the third with a pale base, clypeus compressed, prominent, seen from above.

***Eurystylus australis* Poppius, 1911**

Three specimens, Australia, Biró, 1900, N.S. Wales (typus female). As mentioned previously by Carvalho, 1976:52 this species is a synonym of *Sidnia kinbergi* (Stål, 1859).

***Eurystylus horvathi* Poppius, 1911**

One male, typus, Ceylon, Madarasz Kandy 1896, Mart.8. Size small, segment I of antenna foliaceus, membrane glassy, femora II and III pale at base, abdomen reddish with a longitudinal line of black points.

Eurystylus reuteri Poppius, 1911

One specimen typus, New Guinea, Biró, 1896, Erima, Australobe Bai. The insect is lost, only label remaining.

Felisacus longiceps Poppius, 1915

One male, Formosa, Sauter, Chip Chip, II.1909. This species is very near if not a synonym of *magnificus* Distant, 1904, coxae, legs and abdomen pale, pygophore black, segment I of antenna incassate towards base, apex of cuneus with reddish tinge.

Felisacus nigricornis Poppius, 1912

New Guinea, Biró, 1898, Sattelberg, Huon-Golf. The insect (typus) is lost.

Fulvius brevipilis Poppius, 1915

One specimen, New Guinea, typus.

Fulvius brunneiceps Poppius, 1909

Two specimens, Paraguay, Anisits, typus female; one male, Brasilia, Silvestri. Black, calli brown, second antennal segment whitish on apical third, cuneus with a large pale spot at base, corium with a transversal spot situated above apex of clavus, middle of embolium and apex of clavus pale, coxae II and III pale.

Fulvius sauteri Poppius, 1915

One female, typus, Formosa, Sauter, Fuhosho, VIII.1909. Apex of exocorium and embolium and apex of hind femur reddish.

Fulvius subnitens Poppius, 1909 and
Fulvius variegatus Poppius, 1909

There are two type specimens of the first species and four specimens of the latter.

Hallodapus persimilis Poppius, 1915

One specimen, Formosa, Sauter, Takan, 1907. Brown, hemelytra with four pale spots (two sub-basal and two apical) on corium, two

others in the middle of clavus; cuneus and apex of hind femur reddish.

Hyalopeplodes cyanescens Poppius, 1912

One male, New Guinea, Biró, 1896, Lamien, Berlinhafen.

Hyalopeplus horvathi Poppius, 1912

One male, Africa Occidental, St. Thomé, Mocquerys.

Isabel horvathi Poppius, 1915

One female, Formosa, Sauter, Fuhosho, VI.1908.

Kosmiomiris scutellaris Poppius, 1912

One female, typus, Malacca, Perak.

Lopidolon sordidus Poppius, 1911

One female, Ceylon, Biró, 1902, Patypola, 2000 m. This species belongs to genus *Bromeliaemiris* Schumachèr, 1919 (*n. comb.*). Color brown, vertex and margin of eyes, longitudinal fasciae on middle of pronotum and collar, scutellum, embolium and cuneus (except black apex of the latter) lutescent; calli, eyes, antenna and frons black, a longitudinal fascia along propleura lutescent.

Lygus bakeri Poppius, 1915

Four specimens, Formosa, Sauter, Takan. Color and aspect of *Taylorilygus pallidulus* (Blanchard, 1852), apex of hind femur black with two reddish rings antennal segments III-IV dark, tibiae with small dark points at base of spines; in some specimens apex of clavus and apex of embolium black, size small.

Lygus basalis Poppius, 1914

Two specimens (male and female), Singapore, Biró, 1898. Small, eyes large, straw color, two small spots at apex of embolium and cuneus black, hind femur with two subapical reddish rings, tibiae with dark points at base of spines,

segments III-IV of antenna pale. Very close if not a synonym of *bakeri* Poppius. Future studies will decide on this.

***Lygus biannulatus* Poppius, 1915**

One specimen, Formosa, Sauter, Takao, 1907. Medium size, pale, cuneal fracture wide and deep, cuneus rounded externally, apex of hemelytron, paracuneus and apex of cuneus black, hind femur with three brown fasciae, tibiae with black spots at base of spines, apical one fourth of second antennal segment and segments III-IV black; eyes very large, head very short, vertical, clypeus wide, vertex marginate, rostrum reaching the middle coxae. This species certainly do not belongs to genus *Lygus* Hahn.

***Lygus celebensis* Poppius, 1914**

One female, S. Celebes, Bua-Kraeng, 5000 m, Febr., Fruhstorfer. Size large, straw color, eyes and antenna (except sub-basal portion) black; pronotum rugose, very finely punctate. Very close if not belonging to genus *Calocoris* Fieber.

***Lygus concolor* Poppius, 1914**

New Guinea, Biró, 1896, Erima, Astrolabe Bai. Typus lost.

***Lygus erimensis* Poppius, 1914**

One male, New Guinea, Biró, 1896, Erima, Astrolabe Bai. Size small, vertex with a reddish transversal line, body black, head, area of calli, scutellum (except median red spot), subapical spot on clavus, median portion of corium, cuneus (except apex) pale to ochraceous, apices of femora with two reddish rings, base of tibiae red, spines with black points at base.

***Lygus exiguus* Poppius, 1914**

Two specimens, Bombay, Biró, 1902 (male, typus). Size very small, testaceous, eyes, apical one third of second antennal segment, III (except base) and IV segments black, lorum strongly carinate, rostrum reaching the hind coxae, pygophore black, apices of femora and bases of tibiae with reddish dots.

***Lygus femoralis* Poppius, 1914**

One female, New Guinea, Biró, 1898, Sattelberg, Huon-Golf. Size small, straw color, apex of cuneus reddish, antenna mutilated.

***Lygus huonensis* Poppius, 1914**

One specimen, New Guinea, Biró, 1898, Sattelberg, Huon-Golf. Head and pronotum lost, scutellum and hemelytra punctate, the first brown with basal angles and apex pale, clavus (except apex and base), apex of corium, embolium (apex) and apex of cuneus black cuneal fracture deep and wide. In spite of mutilated the species seems to belong to another genus.

***Lygus longirostris* Poppius, 1914**

One female, Borneo, Brunei. Antenna mutilated, straw color, hind margin of disc, four longitudinal fasciae on hemelytra (claval and clavo-corial commissures, costal nervure and embolio-corial comissure), paracuneus, apex and internal margin of cuneus black.

***Lygus mocquerysi* Poppius, 1912**

One male, Africa Occidental, Mocquerys. Dark, size medium, head (except carina of vertex), hind margin of disc, apex of scutellum and basal third of hemelytra externally pale, cuneus pale at middle.

***Lygus nebulosus* Poppius, 1914**

One female, Australia, N.S. Wales, Tweed R. (Lea). Abdomen with two lines of reddish dots, cuneus reddish internally, scutellum black, basal angles and apex pale.

***Lygus nigriclavus* Poppius, 1915**

One female, typus, Formosa, Sauter, Chip Chip, II.09. Straw color, scutellum, clavus and spot on corial commissure black, membrane fuscous, pale near cuneus.

***Lygus ornatcollis* Reuter, 1908**

One female, typus, Formosa, Sauter, Chip Chip, II.09. Straw color with six longitudinal

fasciae on pronotum, scutellum reddish (except basal angles and apex which are pale), apex of cuneus black.

***Lygus punctiscutum* Poppius, 1914**

One female, typus, Singapore, Biró, 1898. Body strongly punctate, including scutellum which is very prominent, glabrous, head and scutellum whitish, clavus (except base and apex) and apex of embolium black, two small spots near humeral angles, hind margin of disc white; size medium, legs and clypeus pumpkin color. It belongs probably to genus *Deraeocoris* Kirschbaum.

***Lygus rufescens* Poppius, 1914**

One female, Borneo, Brunei. Testaceous, underside of body reddish, cuneus red; size small. This species is a homonym of *Lygus rufescens* Hahn, 1831 (Wanz.Ins.1.28, fig. 18) which was synonymized by Reuter, 1878 (Hem. Gymn. Eur.1:138) with *Psallus varians* Herrich-Schaeffer, 1841. Therefore it is proposed here to rename it *Lygus bruneiensis* nom. nov.

***Lygus sauteri* Poppius, 1912**

Four specimens (typus, male), Formosa, Sauter, Ching Ching, 1909, II. Abdomen, meso and metasternum black, xyphus lutescent, size small, brilliant, scutellum white with a dark spot at middle of base, corium and embolium with pale spot externally, apex of corium and subapical portion of cuneus pale yellow.

***Lygus stali* Poppius, 1914**

One male, typus, New Guinea, Biró, 1896. Straw color, apex of second antennal segment, segments III-IV black, size small.

***Lygus sublaevis* Poppius, 1914**

One female, typus, S. Celebes, Bua-Kraeng, H. Fruhstorfer, 5000, Febr., 1896. Small, straw color, cuneal fracture deep and wide, cuneus with a brown spot at middle, segment I of antenna at base and apex, segment II and III at apices black, membrane translucent, larger areola rounded.

***Lygus taivanensis* Poppius, 1915**

Two specimens, female, typus, Formosa, Sauter, Taiwan, 1909.II. Small, color greenish straw, a spot on clavus near apex of scutellum, apex of clavus, a transversal irregular fascia on apex of hemelytra and apex of cuneus black; femur III marmorate with brown, tibiae III with dark spots at base of spines; antennae III and IV black.

***Lygus taivanus* Poppius, 1915**

One female, typus (four cotypes), Formosa, Sauter, Chip Chip, 1909, II. Large, elongate, color straw tending to greenish, femur III marmorate with red, cuneus very long, about three times as long as wide at base, apex of segment II plus segments III and IV black, tarsi III black. This species does not belong to genus *Lygus* Hahn and might be included in the future in the genus *Calocoris* Fieber.

***Lygus umbratus* Poppius, 1914**

One female, typus, Samanga, South Celebes, H. Fruhstorfer, Nov. 1895. Size small, color straw, tibiae III red at base and with black spots at base of spines, apex of clavus, apex of embolium and apex of cuneus black, femora III with two reddish rings. This species is very near if not a synonym of *Lygus bakeri* Poppius, 1915.

***Lygus viridiflavus* Poppius, 1914**

One female, typus, Darjeeling, Fruhstorfer. Medium size, color straw, translucent, tending to lutescent or citrine, antenna III and IV black, rostrum reaching second coxae. This species might belong to genus *Pleurochilophorus* Reuter, 1905.

***Lygus vittulatus* Poppius, 1914**

One female, typus, South Celebes, Bua-Kraeng, H. Fruhstorfer, 5000 m, Feb., 1895. Size large, color straw, hind margin of disc (a transversal sub-basal spot), a longitudinal spot on scutellum (except apex), claval and corio-claval commissures, external margin and subapical spot of embolium, apex of cuneus dark. The

species has the facies of *Lygocoris (Apolygus)* Reuter.

***Lygus v-nigrum* Poppius, 1915**

One female, typus, Formosa, Sauter, Chip Chip, 1909.II. Color greenish straw, a V-like black spot on apex of clavus and two V-like dark spots at apex of endocorium, apical portion of antenna II and segments III-IV black. There is a male cotype.

***Macrolonius schenklingi* Poppius, 1915**

Two female specimens (typus and cotypus), Formosa, Sauter, Fuhosho, 1909, VI.

***Macropeplus brunnescens* Poppius, 1912**

One female, typus, New Guinea, Biró, 1897, Stephansort, Austrolabe Bai. Brown testaceous, pronotum and scutellum rugose. Size very large, elongate, abdomen, head and propleura pumpkin color, rostrum reaching the middle coxae.

***Megacoelum minutum* Poppius, 1915**

One male, typus, Formosa, Sauter, Takan, 1907. Size small, segment I of antenna with reddish dots, neck red, abdomen and body below marmorate with reddish and brown.

***Orthotylus orientalis* Poppius, 1915**

One specimen, male, typus, Formosa, Sauter, Amping, 1908, VI. Small, greenish, head, pronotum and legs ochraceous, membrane fuscous. It belongs to subgenus *Melanotrichus* Reuter, 1875.

***Pachypeltis annulipes* Poppius, 1912**

One female, typus, New Guinea, Biró, 1899, Simbang, Huon-Golf. Specimen mutilated. Head and antenna black (segment I lighter), abdomen with segments II-IV milky white and segments IV-VIII with white spots, femur III with a pale ring, membrane with three small red spots, cuneus very long, apex of areola reaching much beyond apex of cuneus.

***Pachypeltis politum* (Walker, 1873)
Poppius, 1912**

One specimen, Borneo. Brown with two black spots at apex of hemelytra (beyond apex of clavus). Size large.

***Pachypeltopsis australicus* Poppius, 1912**

One female, Australia, N.S. Wales. Shining, brown, basal third of corium pale, apical half of hemelytra black, calli fused with a depression behind, glabrous (?), segments II-IV of abdomen white, segments V-VIII with white spots. Size large.

***Periscopos mundulus* (Breddin, 1896)
Carvalho & Southwood, 1955**

One female; typus, Java. Head, pronotum, scutellum, antenna (except segment I) black, middle of hemelytra infuscate, membrane short. Two males cotypes, both with two pale spots on vertex.

***Peritropis annulicornis* Poppius, 1909**

Four specimens, New Guinea, Simbang, Huon-Golf. Similar to those in the Museum of Natural History "Giacomo Doria", Genova.

***Peritropis lugubris* Poppius, 1909**

The typus is lost. Only pin and label remains. Singapore, Biró, 1898.

***Pilophorus formosanus* Poppius, 1914**

One female, typus, Formosa, Sauter, Kosempo, 1908. Very small, four lines and humeral angles silvery; hemelytra beyond apex of clavus, apex of second antennal segment and scutellum black, head, pronotum dark brown, the basal half of hemelytra brown.

***Platypeltocoris planus* Poppius, 1912**

One female, typus, New Guinea, Biró, 1899, Sattelberg, Huon-Golf. Black, base of first antennal segment and legs pale. Size medium.

Platypeltocoris similis Poppius, 1912

One male, *typus*, New Guinea, Biró, 1900, Friedrich Wilhelm Haffen. Pygophore with left paramere sclerotized and pipe-like in shape.

Pleurochilophorus subhyalinus Poppius, 1912

One female, *typus*, Camerum, Adawana. Transparent, two small black spots at humeral angles, claval commissure reddish.

Proboscidoecoris neoguineanus Poppius, 1915

One male, *typus*, New Guinea, Biró, 1897, Erima, Astrolabe Bai. Size small, black, hind margin of disc, apex of scutellum and corium contiguous to cuneal fracture pale, antenna pale, apex of segment II and segments III-IV black, apex of segment I of rostrum, xyphus, lower margin of propleura and lower half of ostiolar peritreme white.

Proboscidoecoris taivanus Poppius, 1915

One male, *typus*, Formosa, Sauter, Tainhorinsho, 1909, VIII. Black, size small; spots on vertex near eyes, base of endocorium, apices of clavus and scutellum, cuneal fracture, base and apex of cuneus pale; hind femur with three pale fasciae.

Prodromopsis basalis Poppius, 1915

Two females, *cotypes*, Formosa, Sauter, Tatherin, I.1910. Pale, eyes, segments II-IV of antenna black, cuneus more or less curved externally.

Prodromopsis cuneatus (Distant, 1909)
Poppius, 1911

One male, Ceylon, Madarasz, Kala-Wewa, 1896, Feb.10. Pronotal disc and hemelytra more or less lutescent, second antennal segment reddish at apex and base.

Prodromopsis oculatus Poppius, 1911

One male, *typus*, New Guinea, Biró, Erima, Austrolabe Bai. Pale with head and pronotum lutescent, claval commissure reddish, left paramere

large and curved upwards, black; antenna black (except narrowed base of segment I); eyes strongly pedunculate upwards.

Prodromopsis scutellaris Poppius, 1914

One female, *typus*, Formosa, Sauter, Tathorin, 1910, V. Pale, segments II-IV of antenna, hind margin of disc, scutellum and eyes black.

Pycnofurius pallidiscutum Poppius, 1915

One female, *typus*, Formosa, Sauter, Pilam, 1908. Pale, head, pronotum, scutellum, clavus, two roundish spots on corial commissure (one at each side), areola and apex of cuneus black; legs and coxae pale; apical half of second antennal segment and segments III-IV black.

Rhinocylapidius velocipedoides Poppius, 1915

Three specimens, *typus* female, Formosa, Sauter, Huhosho, IV.1909. Head horizontal, very long, pronotum with a T-like pale spot behind calli, membrane short, embolium very wide and punctate, rostrum reaching beyond apex of pygophore.

Rhodolygus obscuritarsis Poppius, 1915

One male, *typus*, Australia, Biró, 1900, Sydney, N.S. Wales. Ochraceous reddish: a longitudinal fascia and oblique striae on vertex, neck, hind portion of disc, scutellum (except longitudinal median fascia), mesoscutum (except two black spots), clavus (except apex), endocorium on apical portion, veins of membrane, apical portion of third femur and base of third tibia, upper surface and longitudinal spots on abdomen and antenna fuscous.

Stenotus insularis Poppius, 1915

One female, *typus*, Formosa, Sauter, Amping, 1908. Very small, straw color, head pointed, membrane fuscous.

Stenotus elegans Poppius, 1912

Two females, *typus*, Deutsch O. Afrika. Head and pronotum lutescent, hemelytra citrine

with endoclavus, inner margin of endocorium, oblique fascia at middle of corium, paracuneus, membrane and antenna black, legs brown.

***Stenotus longiceps* Poppius, 1915**

One specimen, Formosa, Sauter, Amping, 1908. Small, first antennal segment, apical spot on endocorium and dots on inner margin of cuneus reddish, femora with red spots.

***Stenotus pygmaeus* Poppius, 1915**

One male, typus, Formosa, Sauter, Amping, 1906. Very small, citrine, two longitudinal fasciae on pronotum, internal margins of eyes, scutellum, clavus and two apical spots on endocorium, membrane black.

***Taedia notaticollis* (Reuter, 1907)
Carvalho, 1959**

Two specimens, male typus, Paraguay, Vezenyi. Size medium, two elongate spots behind calli black, scutellum pale at sides, brown at middle with a longitudinal pale fascia, propleura with three longitudinal brown fasciae.

***Taedia trivittata* (Reuter, 1913)
Carvalho, 1959**

Two specimens, females, typus and cotypus, Peru, Marcapata. Size large, elongate, black, calli, longitudinal median fascia on disc, middle of scutellum, claval commissure, longitudinal fascia on exocorium, basal half of embolium and cuneus lutescent.

***Thaumastomiris discoidalis* Poppius, 1912**

One male, typus, New Guinea, Biró, 1896, Seleó, Berlinhaf. Red with a dark spot on clavus and endocorium.

***Thaumastomiris sanguinalis* Kirkaldy, 1902**

Two males, typus and cotypus, Ceylon, Peradneya. Red, eyes, antenna and claws black, membrane fuscous.

***Tinginotum camelus* Poppius, 1915**

One female, typus, New Guinea, Biró, 1899, Sattelberg, Huon-Golf plus two cotypes. Pronotum with a prominent tubercle at middle of disc (*camelus*), hemelytra with pruinose silvery spots, a transversal fascia on hemelytra and clavus black, apex of third femur with three rings and third tibia also with three rings black.

***Tinginotum cretaceum* Poppius, 1915**

One male, typus, New Guinea, Biró, 1898, Sattelberg, Huon-Golf. Pronotum without a prominent tubercle but with tufts of hairs, embolium with 6-7 fasciae or spots dark, second antennal segment with four pale spots. It is a synonym of *Tinginotum papuanum* Poppius, 1915.

***Tinginotum formosanum* Poppius, 1915**

One female, typus, one male, cotypus, Formosa, Sauter, Mt. Hoozan 1909, XII. Embolium with 8-9 spots or fasciae, second antennal segment with two pale fasciae.

***Tinginotum papuanum* Poppius, 1915**

One female, typus, New Guinea, Biró, 1896, Erima, Astrolabe Bai. Large, pronotum with tufts of hairs, scutellum with two black spots, first antennal segment dark apically and an oblique dark line at base, embolium wide, well marked with brown cross bars. This species is described from a female of *Tinginotum cretaceum* Poppius and has page priority over it.

***Trilaccus nigroruber* Horvath, 1902**

Three specimens, male, typus, Australia, N.S. Wales, Biró. Black, metallic, head and pronotum (except hind margin), corium beyond apex of clavus red, calli fused, transversal, with a fossa behind them.

***Tyraquellus brunneus* Poppius, 1915**

One male, typus, Formosa, Sauter. This species was transferred to genus *Hallodapus* Fieber by Carvalho (1958).

Vannius brevis Poppius, 1909

One specimen, *typus*, New Guinea.

Vannius crassicornis Poppius, 1909

Two specimens, male, *typus*, Bolivia, Mapiiri. Red, mesoscutum, scutellum, calli, an oblique sub-basal fascia on corium, external margin of clavus (more or less), two apical spots on corium and external margin of cuneus, head black.

Zanchius apicalis Poppius, 1915

One female, *typus*, Formosa, Sauter, Takao, 1897. Straw color, apex of second antennal segment red, vertex with two impressed fasciae, disc with two pale spots.

Zonodorellus lateralis Poppius, 1915

One female, *typus*, Formosa, Sauter, Takan, 1908. Ochraceous, sides of body brown externally and sanguineous internally, apex of scutellum, apex of clavus and a typical spot on cuneus and membrane red, first antennal segment black externally, second segment with red rings. This species belongs to genus *Pseudotoxops* Kirkaldy, 1905.

Zonodoropsis pallens Poppius, 1915

One female, *typus*, Formosa, Sauter, Takan, 1908. Very small, body somewhat rounded, head, pronotum and scutellum lighter, general color straw, frons prominent, first antennal segment as long as width of vertex. It has all facies of genus *Zanchius* Distant, 1904.

RESUMO

Durante recente visita ao Museu Nacional de História Natural da Hungria, Budapeste, o autor teve oportunidade de estudar 99 exemplares típicos de hemípteros da família Miridae depositados naquele museu por especialistas, especialmente material descrito por Poppius proveniente das regiões Oriental e Oceania. Notas tomadas na ocasião, referentes a essas espécies, acham-se incluídas no presente trabalho, com algumas correções taxonômicas e sugestões para futuros estudos.

REFERENCES

- CARVALHO, J.C.M., 1959, A Catalogue of the Miridae of the World. *Arq. Mus. Nac. R. Jan.*, 48: 384 pp.
- HORVATH, G., 1902, Descriptions of new Hemiptera from new South Wales. *Term. Fuzetek*, 25: 610-611.
- ODHIAMBO, T.R., 1965, A new interpretation of Westwood's genus *Eucerochoris* (Hemiptera, Miridae). *Proc. R. Ent. Soc. London (B)*, 34(1-2): 20-22, figs.
- POPPIUS, B., 1909, Zur Kenntnis der Miriden-Unterfamilie Cylapina Reuter. *Acta Soc. Sci. Fenn.*, 37(4): 46 pp. illustr.
- POPPIUS, B., 1911, Beiträge zur Kenntnis der Miriden-Fauna von Ceylon. *Ofv. F. Vet. Soc. Forh.*, 53A (1): 1-36.
- POPPIUS, B., 1912, Zur Kenntnis der indo-australischen Bryocorinen. *Ofv. F. Vet. Soc. Forh.*, 54 A(30): 1-27.
- POPPIUS, B., 1912, Die Miriden der Aethiopischen Region I. *Acta Soc. Sci. Fenn.*, 41(3): 1-203.
- POPPIUS, B., 1914, Zur Kenntnis der Miriden, II. *Acta Soc. Sci. Fenn.*, 44(3): 1-136.
- POPPIUS, B., 1914, Zur Kenntnis der Miriden, Anthocoriden und Nabiden Javas und Sumatras. *Tijdschr. Ent. (Suppl.)*, 56: 100-183.
- POPPIUS, B., 1915, Sauter's Formosa-Ausbeute: Nabidae, Anthocoridae, Termatophylidae, Miridae, Isometopidae und Ceratocombidae. *Arch. Naturg.*, 80 A(8): 1-80 (1914).
- POPPIUS, B., 1915, Zur Kenntnis der Indo-Australische Capsarien. *Ann. Mus. Nat. Hung.*, 13: 1-89.