

Type specimens of some Palaearctic Pentatomomorpha described by E. Wagner (Heteroptera: Rhopalidae, Cydnidae, Scutelleridae and Pentatomidae)

B. Aukema & I.M. Kerzhner

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Type specimens of some Palaearctic Rhopalidae, Cydnidae, Scutelleridae and Pentatomidae described by E. Wagner and kept in the museums in Hamburg (57 taxa) and Vienna (2) are listed. Lectotypes are designated for 10 nominal species-group taxa.

B. Aukema, Zoölogisch Museum, Afdeling Entomologie, Plantage Middenlaan 64, 1018 DH Amsterdam, The Netherlands. E-mail: b.aukema@freeler.nl

I.M. Kerzhner, Zoological Institute, Russian Academy of Sciences, Universitetskaya nab. 1, St.Petersburg 199034, Russia. E-mail: kim@ik3599.spb.edu.

Introduction

In the forthcoming fifth volume of the Catalogue of the Heteroptera of the Palaearctic Region, information about type material of Coreoidea and Pentatomoidea is included in detail. Dr E. Wagner described a large number of species, subspecies and varieties, but in his descriptions in many cases he did not designate a holotype or only indicated the depository of the holotype/holotypus (type/typus) without a clue to sex and/or type locality. As a rule, however, Wagner correctly labelled the type specimens of the species he described. Holotypes of taxa described by Wagner and kept at the Zoologisches Museum in Hamburg (ZMUH) are listed, as are two holotypes kept at the Naturhistorisches Museum in Wien (NHMW). Lectotypes are designated for 10 nominal species-group taxa.

Abbreviations used: HT: holotype; LT: lectotype; STS: syntypes. Abbreviations for countries are those used in the Catalogue of Palaearctic Heteroptera.

Collection of the Zoological Museum in Hamburg (ZMUH)

Holotypes

absinthii Wagner, 1952b: 309 (*Carporcoris (Anthemini)*). HT: male, FR, Camargue, Sts. Maries, 11-13.ix.1951, leg. H.H. Weber [HT data not given in the original description].

angustus Wagner, 1949: 192 (*Maccevechus*). HT: male, SP, Murcia, Totana, leg. Balaguer [HT sex not given in the original description].

bimaculata Wagner, 1951c: 25, 40 (*Eurygaster schreiberi* var.). HT: female, HU, "Monci", 9.vi.1936.

brevicornis Wagner, 1964a: 79 (*Byrsinus*). HT: female, EG, Gebel Asfar, NÖ von Kairo, 11.iv.1933, leg. H. Priesner [HT sex not indicated in the original description].

brunnipennis Wagner, 1953b: 466 (*Geotomus*). HT: male, CR, Dalmatia, leg. J. Sahlberg [HT data not given in the original description].

calligera Wagner, 1951c: 21, 40 (*Eurygaster austriaca* var.). HT: female, AU, Wien, 17.vii.1930, leg. Feige.

decolor Wagner, 1962a: 15 (*Rhopalus maculatus* ssp.). HT: male, AT, Eläzið, Sivrice, 23.vii.1961, leg. G. Kar-el [HT sex not given in the original description].

consersa Wagner, 1951c: 18, 39 (*Eurygaster integriceps* var.). HT: female, IS, Palästina, Daganian am Geneza-reth See, 1938, leg. J. Palmoni.

dubia Wagner, 1957b: 125 (*Odontoscelis*). HT: male, CI, Gomera, Valle Hermigua, 18.iii.1950, leg. H. Lindberg [HT data not given in the original description].

franzi Wagner, 1961: 298 (*Tsadocydnus*). HT: male, Chad, Tchimba nr Deressia, Lai district, 7.iv.1957, leg. H. Franz [HT sex not given in the original description].

granulata Wagner, 1951c: 17, 40 (*Eurygaster integriceps* var.). HT: female, IS, Palästina, Daganian am Geneza-reth See, 1938, leg. J. Palmoni.

hispanica Wagner, 1949: 194 (*Tarisa*). HT: male, SP, Murcia, Totana, leg. Balaguer [HT sex not given in the original description].

hoberlandti Wagner, 1954: 241 (*Sciocoris*). HT: male, LE, leg. U. Sahlberg [HT data not given in the original description].

intrusus Wagner, 1953b: 467 (*Geotomus*). HT: male, EG, Pyramids, 15.x.1933, leg. H. Priesner [HT not given in the original description].

- kerzhneri* Wagner, 1965a: 113 (*Sciocoris* (*Sciocoris*)). HT: male, IN, Schachkuh [= Shakhkuh]-Poion, 5.vii.1914, leg. Kiritshenko [HT data not given in the original description].
- kiritshenkoi* Wagner, 1965a: 133 (*Sciocoris* (*Neosciocoris*)). HT: male, TD, Pendzhikent, Fl. Zerawschan, 25.xi.1943, leg. Kiritshenko [HT data not given in the original description].
- ovatus* Wagner, 1965a: 111 (*Sciocoris* (*Sciocoris*)). HT: male, KI, Togus Tjurae [= Toguz Torau], Kogard Tau, 30.iii.1902, leg. R. Tancré.
- laevis* Wagner, 1951a: 63 (*Aethus* (*Stilbocydnus*)). HT: female, MO, Spanische Sahara, Tuisgui, Remtz-Dráa, 4.v.1944, leg. Mateu [HT data not given in the original description].
- lindbergi* Wagner, 1954a: 3 (*Mecidea*). HT: female, CI, Tenerife, Puerto de la Cruz, 2-4.ii.1949, leg. H. Lindberg [HT data not given in the original description].
- longispinis* Wagner, 1952a: 41 (*Aethus flavicornis* ssp.). HT: male, Caucasus, leg. Ahnger [HT data not given in the original description].
- lutheri* Wagner, 1953a: 388 (*Maccevethus*). HT: male, RU (ST), Novorossiysk, leg. Luther [HT sex not given in the original description].
- macrophthalmus* Wagner, 1951b: 163 (*Aethus*). HT: male, EG, Fayed, leg. H. Priesner [HT data not given in the original description].
- marginella* Wagner, 1951c: 25, 41 (*Eurygaster schreiberi* var.). HT: female, AL, Pashtrik, 14.vii.1918.
- mavromoustakisi* Wagner, 1967a: 61 (*Rhopalus*). HT: male, CY, Kalopanyotis, 3000 ft, 8.viii, leg. Mavromoustakis [HT data not given in the original description].
- nasuta* Wagner, 1960b: 171 (*Aelia*). HT: male, CH (NE), Heilongjiang, Charbin [= Harbin], 2.vi.1953, leg. Alin [HT sex not given in the original description].
- nigripes* Wagner, 1938b: 9 (*Aelia acuminata* f.; no types mentioned). HT: male, GE, Mecklenburg, Neubrandenburg, 11.viii.1936, leg. E. Wagner (description based on a single specimen).
- penicillatus* Wagner, 1964a: 81 (*Byrsinus*). HT: female, TM, Buchara occ., Farab, 2.iv.1911, leg. A. Holbeck [HT data not given in the original description].
- persimilis* Wagner, 1965b: 332 (*Sciocoris* (*Neosciocoris*)). HT: male, AT, between Ankara & Cheshme-Keupri, on R. Kyzyl-Yrmak, 17.viii.1931, leg. B.P. Uvarov.
- petiti* Wagner, 1954b: 197 (*Geotomus*). HT: male, FR, Pyrenées, Banyuls s. m., 30.v-8.vi.1953, leg. E. Wagner [HT data not given in the original description].
- pictus* Wagner, 1959b: 111 (*Sciocoris*). HT: male, AT, Azen Ciflik, Vil. Diyarbakir, ix.1957 [HT sex not given in the original description].
- poppiusi* Wagner, 1965a: 125 (*Sciocoris* (*Aposciocoris microphthalmus* ssp.)). HT: male, BU, Witosch-Gebirge [= Mt. Vitosha], 28.vii.1957, leg. H. Eckerlein [HT data not given in the original description].
- punctata* Wagner, 1951c: 11, 39 (*Eurygaster maura* var.). HT: female, GE, Mecklenburg, Waren-Müritz, Müritz-Ufer, 7.viii.1938.
- remanei* Wagner, 1965a: 138 (*Sciocoris* (*Neosciocoris*)). HT: male, Sudan, Prov. Kassala, Svakin, 29.vi.1962, leg. R. Remane [HT data not given in the original description].
- ribauti* Wagner, 1953d: 39 (*Sciocoris*). HT: male, FR, La Siagne, Umgebung Cannes, 16-18.ix.1951, leg. H.H. Weber [HT data not given in the original description].
- sahlbergi* Wagner, 1952c: 78 (*Sciocoris*). HT: male, LE, "Conv. Liban." [HT data not given in the original description].
- saulii* Wagner, 1951c: 24, 39 (*Eurygaster schreiberi* var.). HT: female, IT/SL, Triest, Basovizza-Lipizza, 5.vii.1925, leg. L. Sauli (according to the original description, the HT is a male).
- similis* Wagner, 1960a: 127 (*Legnotus*). HT: male, FR, Pyrenées, Vallé de la Massané nr Argelès, 28.viii.1953, leg. H. Franz [HT sex not given in the original description].
- singeri* Wagner, 1939: 93 (*Rhopalus parumpunctatus* f.). HT: male, GE, Hamburg, Boberg, 8.viii.1934 [HT data not given in the original description].
- semitiens* Wagner, 1953c: 1 (*Odontoscelis*). HT: male, CY, Kyrenia, Ammos, 7.vii.1939, leg. H. Lindberg [HT data not given in the original description].
- valenciana* Wagner, 1960c: 57 (*Neottiglossa leporina* ssp.). HT: male, SP, Umg. Valencia, Albufera, 18.vii.1959, leg. E. Wagner [HT sex not given in the original description].
- weberi* Wagner, 1964b: 56 (*Holcogaster*). HT: male, SP, Menorca, Son Bou, 5.x.1962, leg. E. Wagner [HT data not given in the original description].

Lectotypes

For 10 species-group taxa listed below, Wagner did not use the words "holotype" or "type" in the text of his papers, but labelled as HT of each taxon a specimen in the ZMUH collection. These specimens are designated here as lectotypes of respective taxa. An exception is made for *Acrosternum arabicum* (see below).

- aequalis* Wagner, 1938a: 23 (*Eurygaster maurus* f.; no types mentioned). LT: male, GE, Hannover, Lüneburg, 10.v.1936.
- brevipennis* Wagner, 1955a: 59 (*Singeria*; no types mentioned). LT: male, GR, Kephallinia, leg. Paganetti-Hummeler.
- denticeps* Wagner, 1965a: 148 (*Sciocoris* (*Parasciocoris*); no types mentioned). LT: male, TD, Churmi [= Khurmi], right bank of Seravshan River, 3.xii.1943, leg. Kiritshenko.
- espanoli* Wagner, 1965a: 105 (*Sciocoris* (*Sciocoris*); no types mentioned). LT: male, SP, Umg. Barcelona, Castelldefels, 28.ix.1962, leg. E. Wagner.
- granulosus* Wagner, 1938a: 22, 24 (*Eurygaster maurus* f.; no types mentioned). LT: female, GE, Umg. Mainz, Lorch a. Rh., Nollig, 21.vii.1937, leg. E. Wagner.
- obscuratus* Wagner, 1938a: 23 (*Eurygaster testudinarius* f.; no types mentioned). LT: male, AU, Tirol, Innsbruck, Zillermündung, Jenbach, 523 m, leg. W. Steiner.
- pallidus* Wagner, 1938a: 23, 24 (*Eurygaster maurus* f.; no types mentioned). LT: male, GE, Ober-Hessen, Wiseselsheim, 2.viii.1935.
- sahariana* Wagner, 1949: 190 (*Mecidea*; no types mentioned). LT: male, Spanish Sahara, Sebka Um Seikira, 8.iv.1945, leg. Mateu.
- triguttatus* Wagner, 1938a: 23 (*Eurygaster testudinarius* f.; no types mentioned). LT: female, GE, Mecklenburg, Waren-Müritz, Müritzufer, 10.viii.1937, leg. E. Wagner.
- virescens* Wagner, 1954a: 5 (*Mecidea lindbergi* var.; no types mentioned). LT: female, CI, Tenerife, Puerto de la Cruz, 2-4.ii.1949, leg. H. Lindberg.

Syntypes

- arabicum* Wagner, 1959a: 415 (*Acrosternum*; no types mentioned). STS: males, females, SA, El Riyadh. Specimen labelled as HT in ZMUH: female, SA, El Riyadh, vi.1958, leg. E. Diehl. We refrain from designation of

this specimen as lectotype because it is desirable to designate as LT a male. Some STS are in the Museum d'Histoire Naturelle in Geneva (Eckerlein's collection).
pseudodilutus Wagner, 1965b: 329 (*Sciocoris* (*Sciocoris*); no types mentioned). STS: males, females, KI (Ak-Terek, N of [Uzbek-]Gava; Kyzylungur; Sarybel pass in Fergana Range; Toguz Tjurae [= Toguz-Torau]) and UZ (Hissar Range: Maidanak Mt).
rutilus Wagner, 1938a: 23, 24 (*Eurygaster maurus* var.; no types mentioned). STS: male, female, GE, Mecklenburg (Waren) and Hamburg.
tuberculatus Wagner, 1938a: 22, 24 (*Eurygaster testudinarius* f.; no types mentioned). STS: male, female, GE, Lübeck (Campow), Mecklenburg (Waren, Feldberg, Schönberg, Sternberg).

Problematic cases

For 3 varietal and 3 specific names, the specimen labelled as HT in ZMUH is not the specimen indicated as HT in the original publication. Such specimens cannot be considered holotypes or designated as lectotypes. If the true holotype will be not found and exceptional need will exist (Code, Art. 75), such a specimen can be designated as neotype.

carayoni Wagner, 1965a: 136 (*Sciocoris* (*Neosciocoris*)). HT: male, SP, Umg. Barcelona, Llobregat, 14.vii.1959, leg. E. Wagner (the specimen labelled as HT is not the specimen indicated as HT in the original description: Barcelona, Farola).
discreta Wagner, 1951c: 23, 41 (*Eurygaster schreiberi* var.). HT: male, IT, Ven. Giulia, Ferneti, vi.1940, leg. Sauli (the specimen labelled as HT is not the specimen indicated as HT in the original description: female, "Basovizza-Lipizza (Triest)").
lindbergi Wagner, 1957a: 1 (*Aethus*). HT: male, Cape Verde Is, [São] Nicolau, Rib. Recanto, 10-13.xii.1953, leg. H. Lindberg (the specimen labelled as HT is not the specimen indicated as HT in the original description: São Nicolau, Chã de Preguisa).
longicornis Wagner, 1955b: 82 (*Holcogaster*). HT: CI, Hierro, Cumbre El Bresal, 1300 m, 27-29.iii.1950, leg. H. Lindberg (the specimen labelled as HT is not the specimen indicated as HT in the original description: Teneriffe, Fuente Fria, 1300 m, 19.iv.1950, leg. H. Lindberg).
nigrofusca Wagner, 1951c: 40 (*Eurygaster schreiberi* var.). HT: female, HU, "Monci", 9.vi.1939, leg. H. Gebien (the specimen labelled as HT is not the specimen indicated as HT in the original description: female, SL, Mt Auremiano [= Vrenš'ëica], vii.1940, "in coll. L. Sauli, Triest").
purpurascens Wagner, 1951c: 21, 40 (*Eurygaster austriaca* var.). HT: female, Fr. Jura, Hahnenkam, 1.ix.1947, leg. G. Seidenstücker (the specimen labelled as HT is not the specimen indicated as HT in the original description: female, PL, Schlesien, Warmbrunn [= Cieplice]).

Types suspected to be present in ZMUH, but not found

extensa Wagner, 1951c: 22, 41 (*Eurygaster austriaca* var.; typus in coll. mihi).
ornata Wagner, 1951c: 19, 41 (*Eurygaster austriaca* var.; typus in coll. mihi).
punctigera Wagner, 1951c: 28, 40 (*Eurygaster hotten-totta* var.; typus in coll. mihi).

punctulata Wagner, 1951c: 15, 39 (*Eurygaster testudinaria* var.; typus in coll. mihi).
rufobrunnea Wagner, 1951c: 24, 40 (*Eurygaster schreiberi* var.; typus in coll. mihi).

Collection of the Natural History Museum in Vienna (NHMW)

Holotypes

balcanicus Wagner, 1940: 104 (*Ochetostethus*). HT: male, GR, Kephall [= Kefallinia Is.], Aenos [= Enos], 1000-1600 m, 10-13.v.29, leg. Beier [HT data not given in the original description].
longicornis Wagner, 1953b: 468 (*Geotomus*). HT: male, SP, Andalusia, Umg. Carmona, Hof Alamaja, Tierra Negra, 21.ii.1951, leg. H. Franz [HT data not given in the original description].

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