

The Type Material of Families Membracidae and Aetalionidae (Homoptera) in the Museum and Institute of Zoology PAS, Warsaw

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Abstract. The type specimens of Homoptera of the family: Membracidae and Aetalionidae, preserved in the Museum and Institute of Zoology Polish Academy of Sciences, Warsaw, are listed.

Key words: Type specimens, Homoptera, Membracidae, Aetalionidae.

The following list includes all the type specimens of the nominal species and subspecies, and the varieties and forms, the names of which were established before 1961 (Art. 45g, 71 of the International Code on Zoological Nomenclature, 3rd ed., 1985), preserved in the Museum and Institute of Zoology Polish Academy of Sciences, Warsaw (MZPW – Museum Zoologicum Polonicum, Warszawa).

Type specimens listed belong to the following categories: name-bearing types (holotype, lectotype, neotype, syntype series); remaining specimens of type series (paratypes, paralectotypes).

The specimens included in the list are individually numbered and labeled for an inventory purposes. All specimens have two museum registration labels attached. One of them is white and bear the inscription in print "Mus. Zool. Polonicum Warszawa [accession No]", the second one is red with the following inscription in print: "Mus. Zool. Polonicum Warszawa Typus n. [museum type number] [original name, author and year] [kind of the type]".

The list is arranged alphabetically by genera and species according to the names in original descriptions. The species name is followed by the author bibliographic citation. Next follows the kind of the type and its original locality label in quotation marks. If the label does not include country, continent or other major geographic name that was recorded in the original publication, it is added after the label in [...].

The list is based on the specimens found in our collection, and it may not include all "types". This may happened because some specimens from old collections were not labeled clearly as types, and only detailed studies of pertinent specialists may reveal their status. It also does not list species that appear to be MS-

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names, and which descriptions could not be located, nor specimens that the label-locality does not correspond to the original citation. When possible every potential type specimen was checked against the original description to confirm its status and reliability.

All the data published in the lists and some others are being simultaneously recorded in a computer data base in the Zoological Museum, and potential borrowers of the specimens may refer both to the name and to the number of particular specimen they want to borrow for study.

MEMBRACIDAE

Anchon flavipes Schmidt, 1911b: 237.

SYNTYPE (No. 939) label: "Fernando Poo (L. Conradt S.)" [Westafrika] – female.

Anchon gracilis Schmidt, 1911b: 236.

SYNTYPES (No. 940 and 941) label: "Is. Fernando Poo, Moca, II.-III. 1902 (L.Fea)" [Afrika] – female and male.

SYNTYPE (No. 942) label: "Is. Fernando Poo, Moca, II.-III. 1902, 1300-1500 m (L. Fea)" [Afrika] – male.

Anchon limbatum Schmidt, 1911b: 235.

SYNTYPE (No. 943) label: "Victoria Nyanza, Arcip. Di Sesse, Bugala 1908 (Dr. E. Bayon)" [Afrika] – female.

Argante cochleata Schmidt, 1911a: 273.

SYNTYPES (No. 944–949) label: "Argentinen: Buenos Aires, (G. Schimpf S.)" – 3 females and 3 males.

Bocchar montanus Jacobi, 1910: 120.

SYNTYPE (No. 950) label: "Kilimandjaro, Kibonoto kulturz. (Sjöstedt. 1905-6)".

Bocchar occidentalis Schmidt, 1911a: 275.

SYNTYPE (No. 951) label: "Guinea Portugese, Bolama, VI.-XII. 1899 (L.Fea)" – female.

Centrotypus acuticornis Schmidt, 1926c: 181.

SYNTYPES (No. 952–955) label: "Java occident.: Pengalengan, 4000, 1893 (H. Fruhstorfer)" – 3 males and 1 female.

Centrotypus heinrichsi Schmidt, 1926c: 184.

HOLOTYPE (No. 956) label: "Sumatra, Soekaranda (Dohrn)" – female.

Centrotypus langei Schmidt, 1926c: 182.

SYNTYPES (No. 957–959) label: "Sumatra, Soekaranda (Dohrn)" – 3 females.

Enchenopa andina Schmidt, 1924: 293.

SYNTYPES (No. 960–961) label: "Columbien, Natagaima (E. Pehlke S.)" – females.

SYNTYPES (No. 962–963) label: "Columbien, Hac. Pehlke (E. Pehlke)" – male and female.

SYNTYPES (No. 964–965, 967) label: "Bogota, Hochland 1914 (E. Pehlke S.) [Columbien] – 3 males.

SYNTYPE (No. 966) label: "Ecuador, Baños 11. 12. 05, (Ohaus S.)" – female.

SYNTYPE (No. 968) label: "Ecuador, Baños (R. Haensch)" – female.

Enchenopa coacta Schmidt, 1906: 361.

SYNTYPES (No. 969–970) label: "Peru: Chanchamayo, (Hoffmanns)" – 2 females.

Enchenopa costaricensis Schmidt, 1924: 293.

SYNTYPES (No. 971–976) label: "Costa-Rica (H. Schmidt S.)" – 6 females.

Ernestopehlkia inermis Schmidt, 1924: 294.

HOLOTYPE (No. 977) label: "Columbien, Rio Magdalena, 3. 1924 (E. Pehlke S.)" – male.

Ernestopehlkia spinosa Schmidt, 1924: 294.

HOLOTYPE (No. 978) label: "Columbien, Hac. Pehlke, IV.-VI. 08 (E. Pehlke S.)" – female.

Gargara buruensis Schmidt, 1926b: 228.

SYNTYPE (No. 979) label: "Buru, Station 13, 24.X.1921 (leg. L.J. Toxopeus)" – female.

Gargara vulpeculus Breddin, 1901: 126.

SYNTYPE (No. 980) label: "Celebes, Gegend um Duri, VIII. 95" – female.

SYNTYPE (No. 981) label: "Celebes, Duri, (Sarasin)" – female.

Gigantorhabdus enderleini Schmidt, 1906: 372.

SYNTYPES (No. 982–984) label: "Nord-Borneo (Waterstradt)" – 3 males.

SYNTYPES (No. 985–986) label: "Nord-Borneo (Waterstradt)".

Heranice excisata Schmidt, 1931: 71.

SYNTYPES (No. 987–988) label: "Ecuador: Santa Inéz (R. Haensch S.)" – 2 males.

SYNTYPE (No. 989) label: "Ecuador: Baños (R. Haensch S.)" – female.

SYNTYPE (No. 990) label: "Ecuador: Papallacta (R. Haensch S.)" – male.

Heranice excisata affinis Schmidt, 1931: 71.

SYNTYPE (No. 991) label: "Bogota, Hochland 1914 (E. Pehlke S.)" [Columbien] – male.

Heranice excisata nigripes Schmidt, 1931: 71.

HOLOTYPE (No. 992) label: "Bogota, Hochland 1914 (E. Pehlke S.)" [Columbien] – male.

Heranice miltoglypta evanescens Schmidt, 1931: 71.

SYNTYPES (No. 993–1031) label: "Columbien, Hac. Pehlke (E. Pehlke)" – 6 males and 33 females.

Heranice miltoglypta obscura Schmidt, 1931: 70.

SYNTYPES (No. 1032–1042) label: "Bogota, Hochland, 1914 (E. Pehlke)" [Columbien] – 6 females and 5 males.

Hoplophorion carinulatum Schmidt, 1906: 364.

SYNTYPES (No. 1043–1044) label: "Columbien: Thorey" – female and male.

Hoplophorion erectum Schmidt, 1906: 363.

SYNTYPES (No. 1045–1046) label: "Quito (Cuming)" [Ecuador] – 2 females.

Hoplophorion erectum var. *nigromaculatum* Schmidt, 1906: 364.

HOLOTYPE (No. 1047) label: "Ecuador: Loja, September 1905, (Ohaus S.)" – female.

Hoplophorion haenschii Schmidt, 1906: 365.

SYNTYPES (No. 1048–1050) label: "Ecuador: Baños, (R. Haensch S.)" – female and 2 males.

Hoplophorion ohausianum Schmidt, 1906: 366.

HOLOTYPE (No. 1051) label: "Ecuador: Sabanilla, September 1905, (Ohaus S.)" – female.

Ichnocentrus limpidus Schmidt, 1927: 151.

SYNTYPES (No. 1052–1058) label: "Columbien, Hac. Pehlke, IV.-VI. 08 (E. Pehlke S.)" – 6 females and male.

Ichnocentrus luridus Schmidt, 1927: 152.

SYNTYPES (No. 1059–1061) label: "Costa-Rica (H. Schmidt S.)" – 3 females.

Kanada grandis Schmidt, 1922: 265.

SYNTYPES (No. 1062–1063) label: "India orientalis" – 2 females.

Kleidosis gestroi Schmidt, 1911b: 234.

SYNTYPE (No. 1064) label: "IS. Fernando Poo, Basilè, 400-600 m s.m., VII.-IX. 1901 (L. Fea)" – female.

Membracis bipars Schmidt, 1924: 290.

SYNTYPES (No. 1065–1068) label: "Ecuador: Balzapamba (R. Haensch S.)" – 4 females.

SYNTYPES (No. 1069–1071) label: "Ecuador: Bucay, 6. 5. 1905 (Ohaus S.)" – 3 females.

Membracis divergens Schmidt, 1924: 291.

SYNTYPES (No. 1072–1073) label: "Costa Rica (H. Schmidt S.)" – 2 females.

Membracis sanguineoplaga Schmidt, 1906: 360.

SYNTYPES (No. 1074–1076) label: "Santarem" [Brasil] – 3 females.

Membracis sanguineoplaga var. *completa* Schmidt, 1906: 361.

HOLOTYPE (No. 1077) label: "Santarem" [Brasil] – female.

Membracis sanguineoplaga var. *nigricauda* Schmidt, 1906: 361.

HOLOTYPE (No. 1078) label: "Brasil: Espirito-Santo, ex coll. Fruhstorfer" – female.

Monocentrus albomaculatus Schmidt, 1911b: 240.

HOLOTYPE (No. 1079) label: "Kamerun (Conradt S.)" – female.

Monocentrus hyalinipennis Schmidt, 1911b: 240.

SYNTYPES (No. 1080–1081) label: "Kamerun (Conradt S.)" – 2 females.

Monocentrus insularis Schmidt, 1911b: 239.

SYNTYPE (No. 1082) label: "Is. Fernando Poo, Basilè, 400-600 m s.m. VIII-IX. 1901 (L. Fea)" – female.

Monocentrus laticornis Schmidt, 1911b: 238.

SYNTYPES (No. 1083–1086) label: "Kamerun (L. Conradt S.)" – 2 males and 2 females.

Otaris intermedius Schmidt, 1911b: 242.

HOLOTYPE (No. 1087) label: "Nord-Borneo, (Waterstradt)" – female.

Otaris minor Schmidt, 1911b: 243.

HOLOTYPE (No. 1088) label: "Sumatra, Soekaranda (Dohrn)" – female.

Peltzerella borneensis Schmidt, 1926c: 187.

SYNTYPE (No. 1089) label: "Soekaranda, Januar 1894 (Dohrn)" [Sumatra] – female.

SYNTYPES (No. 1090–1091) label: "Kuching, 21 May 1903" [Borneo] – 2 females.

SYNTYPE (No. 1092) label: "Mantang Rd. Januar 1911" [Borneo] – female.

Peltzerella brevicornis Schmidt, 1926c: 186.

SYNTYPES (No. 1093–1094) label: "Sumatra, Soekaranda (Dohrn)" – male and female.

SYNTYPE (No. 1095) label: "Soekaranda, Januar 1894 (Dohrn)" [Sumatra] – male.

SYNTYPE (No. 1096) label: "Wai Lima z Sum., Lampongs, Karny & Siebers, XI. XII. 1921, No. 151" – male.

Peltzerella hyalinipennis Schmidt, 1926c: 187.

SYNTYPE (No. 1097) label: "Kuching, 20 Juli 1899" [Borneo] – female.

SYNTYPE (No. 1098) label: "Matang Rd. 10. 7. 1909" [Borneo] – female.

Peltzerella laticornis Schmidt, 1926c: 188.

SYNTYPE (No. 1099) label: "Soekaranda, Januar 1894 (Dohrn)" [Sumatra] – male.

SYNTYPE (No. 1100) label: "Sumatra, Soekaranda (Dohrn)" – female.

SYNTYPE (No. 1101) label: "Kuching 1905" [Borneo] – male.

Phyllotropis peruana Schmidt, 1924: 291.

HOLOTYPE (No. 1102) label: "Perú" – female.

Phyllotropis trimaculata Schmidt, 1924: 292.

SYNTYPES (No. 1103–1111) label: "Columbien, Hac. Pehlke 1914 (E. Phelke S.)" – 6 males and 3 females.

Platyceras acuticornis Schmidt, 1926a: 21.

SYNTYPES (No. 1112–1113) label: "Sumatra W.K. 1915, B.S." – male and female.

SYNTYPE (No. 1114) label: "Sumatra" – male.

Platyceras borneensis Schmidt, 1926a: 21.

HOLOTYPE (No. 1115) label: "Nord-Borneo (Waterstradt)" – female.

Platyceras laticornis Schmidt, 1926a: 21.

HOLOTYPE (No. 1116) label: "Mentawai" – female.

Pterygia pehlkei Schmidt, 1906: 362.

SYNTYPES (No. 1117–1120) label: "Columbien: Rio Magdalena (E. Pehlke S.)" – male and 3 females.

SYNTYPES (No. 1121–1122) label: "Columbien (Pehlke)" – 2 females.

SYNTYPE (No. 1122) label: "Columbien (Pehlke)".

Pyrgauchenia breddini Schmidt, 1906: 370.

HOLOTYPE (No. 1123) label: "Sumatra: Bekantiang (Dohrn)" – female.

Pyrgauchenia foersteri var. *fulva* Schmidt, 1906: 371.

HOLOTYPE (No. 1124) label: "Java (H. Frufstorfer)" – male.

Pyrgauchenia sarasinorum Breddin, 1901: 127.

SYNTYPE (No. 1125) label: "Celebes, Masarang-Kette, Sept. 94 (Sarasin)" – male.

Pyrgolyrium foersteri Breddin, 1902: 92.

SYNTYPE (No. 1126–1127) label: "Java" – 2 females.

Pyrgolyrium fulmeki Schmidt, 1926a: 22.

SYNTYPES (No. 1128–1130) label: "Brestagi VII, 1922" [Sumatra] – 2 males and female.

Pyrgophyllum ? kinabalense Breddin, 1902: 91.

SYNTYPE (No. 1131) label: "Borneo, Kina Balu".

Sarantus apicalis Schmidt, 1925: 15.

SYNTYPE (No. 1132) label: "Isole Aru, Wokan (O. Beccari 1873)" – female.

Sarantus marginalis Schmidt, 1925: 15.

SYNTYPE (No. 1133) label: "Neu-Guinea S.E. Paumomu riv. IX.-XII. 92 (Loria)" - female.

Tricentrus sumatranus Schmidt, 1926c: 189.

SYNTYPE (No. 1134) label: "Brestagi, 5. 1910 (Corporaal)" [Sumatra] – female.

SYNTYPE (No. 1135) label: "Sumatra, Mte. Singalang, Juli 1878 (O. Beccari)" – female.

Tumayaua eva Schmidt, 1906: 368.

HOLOTYPE (No. 1136) label: "Peru: Chanchamayo, (Hoffmanns)" – female.

AETALIONIDAE

Abelus maculatus Schmidt, 1927: 152.

SYNTYPES (No. 1137–1139) label: "Bolivien, Prov. Sara (Steinbach S.)" – 3 females.

Tropidaspis similis Schmidt, 1927: 153.

SYNTYPE (No. 1140–1145) label: "Columbien, Hac. Pehlke (E. Pehlke S.)" – 3 females and 3 males.

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