

The Type Material of Family Platystomatidae (Diptera) in the Museum and Institute of Zoology PAS, Warsaw

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Abstract. All type specimens of *Platystomatidae* (Diptera) preserved in the Museum and Institute of Zoology Polish Academy of Sciences in Warsaw, are listed. Material includes 93 specimens which represent 17 species described by ENDERLEIN.

Key words. *Diptera*, *Platystomatidae*, type specimens.

INTRODUCTION

The following list includes all the type material of family *Platystomatidae* (Diptera) which is housed in the collection of the Museum and Institute of Zoology of the Polish Academy of Sciences in Warsaw (MZPW). This material consisting of 93 type specimens represents 17 species described by Günter ENDERLEIN in four publications appeared from 1911 to 1924. Originally, all of these type specimens were deposited in the collection formerly belonging to the Zoological Museum in Stettin (Szczecin), and next, after the Second World War, they have been transferred to our institution.

Most of the specimens bear ENDERLEIN's determination labels, as well red labels with "Type" or yellow ones with "Co≈Typus". The main part of the material is in very good condition. Wings of some specimens, figured in the original description, have been broken off from the thorax and mounted on characteristic slides. The wing in such a slide is placed between two cover-glasses, which are located inside a small case of cardboard. Its size is ca 30 x 30 x 5 mm. One side of this case is shutting by a plug of cork. Both frontal and bottom surfaces of the case have in their centers a circle opening ca 15 mm in diameter, what make

possible to examine the preparation without taking it from the case. The frontal surface bear also ENDERLEIN's handwritten inscription which included the same data as on the labels attached to the insect, and the information about contents of preparation. These slides are pinned through the plug of cork and kept in drawers beside pinned insects.

ENDERLEIN in his publications generally gave sufficiently detailed information on the type series, but he did not designate holotypes. In the case of 7 species described from unique specimens, holotypes were designated in the original descriptions by primary monotypy. For remaining 10 species treated herein, described from two or more specimens, all type specimens have the syntype status, because no lectotypes were designated yet.

In the present paper, we have made efforts to maintain the format used in previous type catalogues published in the Bulletin. The species are listed under their original binomial combinations in alphabetical order. The species name is followed by author, year description was published, and page. The complete reference is given at the end of this paper.

Each specimen listed below contains following data: specific kind of type, sex, museum type number (put in parentheses), and quoted label information.

Data from individual labels are enclosed in the quotation marks. All specimens have also two museum labels omitted in this list. One of them is white and bears the inscription in print "Mus. Zool. Polonicum Warszawa 12/45", the second one is red with the following inscription in print: "Mus. Zool. Polonicum Warszawa Typus n. [museum type number] [original name of taxon, author and year] [sex symbol] [kind of the type]", e.g. "Mus. Zool. Polonicum Warszawa Typus n. 1894 Polistomima stigma Enderlein, 1912 ♂ HOLOTYPUS". Each slide has also such museum registration labels, the very same as the pinned specimens. These labels are glued on the frontal surface of cases.

Further, when necessary, some occasional information, such as data concerning slides, differences from original descriptions or specimen condition, are noted. Lastly, any taxonomic changes and current synonymy are given in the species remarks.

All the data published in the lists 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.

LIST OF SPECIMENS

Agrochira achiodes ENDERLEIN, 1911: 451

HOLOTYPE male (No. 1834) labelled "Kamerun Barombi Conradt", "Type", "Agrochira achiodes Enderl. Type ♂ det. Dr. Enderlein", "HOLOTYPE Agrochira achiodes Enderlein, 1911 ♂ Det. Whittington".

Notes: Genitalia in vial on pin.

Euprosopia calypterata ENDERLEIN, 1912a: 359

SYNTYPE male (No. 1899) labelled "Sumatra Soekaranda Dr. H. Dohrn S.", "Type", "Euprosopia calypterata Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPE female (No. 1900) labelled "Sumatra Soekaranda Dr. H. Dohrn S.", "Type", "Euprosopia calypterata Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPE female (No. 1901) labelled "Soekaranda Januar 1894 Dohrn", "Co=Typus", "Euprosopia

calypterata Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPE female (No. 1902) labelled "Sumatra Soekaranda Dr. H. Dohrn S."

Notes: Right wing of syntype specimen No. 1901 mounted on slide labelled "Euprosopia calypterata Enderl. ♀ Sumatra Soekaranda Januar 1894 Type".

Lule cyanea ENDERLEIN, 1912b: 377

SYNTYPE male (No. 1923) labelled "Madagaskar Ambodimanga Hammerstein S. 4.1906", "Type", "Lule cyanea Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPE female (No. 1924) labelled "Madagascar Ambodimanga Januar.", "Type", "Lule cyanea Enderl. Type ♀ Dr. Enderlein det. 1912".

Notes: Left wing of syntype specimen No. 1923 mounted on slide labelled "Lule cyanea Enderl. ♂ Madagascar, Ambodimanga April 1906. Flügel. Type". Left wing of syntype specimen No. 1924 lost.

Mesanopin tephritinum ENDERLEIN, 1912b: 369

HOLOTYPE female (No. 1911) labelled "Kamerun Barombi Conradt", "Type", "Mesanopin tephritinum Enderl. ♀ Dr. Enderlein det. 1912", "HOLOTYPE Agrochira tephritina (Enderlein, 1912) ♀ Det. Whittington".

Notes: Genitalia in vial on pin. Right wing on slide labelled "Mesanopin tephritinum Enderl. ♀ Kamerun Barombi L. Conradt S. Type". Specimen without head. Remains of headcapsule glued on card pinned with the holotype. This card bears on his underside the following note: "Head of type specimen of Agrochira tephritina ? Det. A.E. Whittington 1993".

Species remarks: Currently placed in genus *Agrochira* ENDERLEIN, 1911.

Peltacanthina cribrata ENDERLEIN, 1912b: 365

SYNTYPE male (No. 1907) labelled "Zoutpansberg Transvaal", "Type", "Peltacanthina cribrata Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPE female (No. 1908) labelled "Zoutpansberg Transvaal", "Type", "Peltacanthina cribrata Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPE male (No. 1909) labelled "Zoutpansberg Transvaal", "Co~Typus", "Peltacanthina cribrosa Enderl. Type ♂ Dr. Enderlein det. 1912".

Notes: Left wing of syntype specimen No. 1909 mounted on slide labelled "Peltacanthina cribrosa End. ♂ Transvaal, Zoutpansberg Type".

Peltacanthina excellens ENDERLEIN, 1912b: 363

SYNTYPE male (No. 1903) labelled "Kamerun Barombi Conradt", "Type", "Peltacanthina excellens Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPE female (No. 1904) labelled "Kamerun Barombi Conradt", "Type", "Peltacanthina excellens Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPE male (No. 1905) labelled "Kamerun Barombi Conradt", "Co~Typus", "Peltacanthina excellens Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPE female (No. 1906) labelled "Kamerun, Barombi Conradt".

Notes: This species was described from one male and three females. The whole of the syntype series reside in MZPW, but sex of one specimen (syntype No. 1905, male) was incorrectly determined and published as female.

Peltacanthina lurida ENDERLEIN, 1924: 149

SYNTYPE male (No. 1926) labelled "Westafrika Uelleburg VI.-VIII. 08. Teßmann S.G.", "Type", "Peltacanthina lurida Enderl. Type ♂ Dr. Enderlein det. 1921".

Notes: Original description gives an additional locality information as "Spanisch Guinea".

Platystoma ruficeps ENDERLEIN, 1912b: 370

HOLOTYPE male (No. 1912) labelled "Abessynien Dire Daoûa Febr.", "Type", "Platystoma ruficeps Enderl. Type ♂ Dr. Enderlein det. 1912".

Notes: Right wing on slide labelled "Platystoma ruficeps Enderl. ♂ Abyssinien, Dire Daoûa Febr. Type".

Species remarks: Currently placed in genus *Palpomya* ROBINEAU-DESVOIDY, 1830.

Polistomima gigantea ENDERLEIN, 1912a: 353

SYNTYPE female (No. 1895) labelled "Darjeeling

Sikkim H. Rolle Berlin, S.W. 11.", "Type", "Polistomima gigantea Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPE female (No. 1896) labelled "Darjeeling Sikkim H. Rolle Berlin, S.W. 11.", "Co~Typus", "Polistomima gigantea Enderl. Type ♀ Dr. Enderlein det. 1912".

Species remarks: This name is considered a junior synonym of *Xenaspis pictipennis* (WALKER, 1849).

Polistomima stigma ENDERLEIN, 1912a: 352

HOLOTYPE male (No. 1894) labelled "Sumatra Soekaranda Dr. H. Dohrn S.", "Type", "Polistomima stigma Enderl. Type ♂ Dr. Enderlein det. 1912".

Notes: Right wing on slide labelled "Polistomorpha stigma Enderl. ♂ Sumatra Soekaranda Dr. H. Dohrn Type".

Species remarks: Currently placed in genus *Xenaspis* OSTEN SACKEN, 1881.

Polistomima walkeri ENDERLEIN, 1912a: 350

SYNTYPES males (No. 1835 and 1836) labelled "Dohrn Sumatra Liangagas", "Type", "Polistomima Walkeri Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPES males (No. 1837 and 1838) labelled "Dohrn Sumatra Liangagas", "Co~Typus", "Polistomima Walkeri Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPE male (No. 1839) labelled "Dohrn Sumatra Liangagas", "Co~Typus".

SYNTYPES females (No. 1840 and 1841) labelled "Dohrn Sumatra Liangagas", "Co~Typus", "Polistomima Walkeri Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPE male (No. 1842) labelled "Dohrn Sumatra Soekaranda", "Type", "Polistomima Walkeri Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPE male (No. 1843) labelled "Dohrn Sumatra Soekaranda", "Co~Typus", "Polistomima Walkeri Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPE male (No. 1844) labelled "Dohrn Sumatra Soekaranda".

SYNTYPE female (No. 1845) labelled "Soekaranda Januar 1894 Dohrn.", "Type", "Polistomima Walkeri Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPE male (No. 1846) labelled "Soekaranda Januar 1894 Dohrn.", "Co≈Typus", "Polistomima Walkeri Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPES males (No. 1847–1874) labelled "Sumatra Soekaranda Dr. H. Dohrn S.", "Type", "Polistomima Walkeri Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPES females (No. 1875–1878) labelled "Sumatra Soekaranda Dr. H. Dohrn S.", "Type", "Polistomima Walkeri Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPES males (No. 1879–1886) labelled "Sumatra Soekaranda Dr. H. Dohrn S.", "Co≈Typus", "Polistomima Walkeri Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPES females (No. 1887–1892) labelled "Sumatra Soekaranda Dr. H. Dohrn S.", "Co≈Typus", "Polistomima Walkeri Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPE male (No. 1893) labelled "Sumatra Soekaranda Dr. H. Dohrn S."

Notes: Left wing from syntype specimen No. 1847 and right one from syntype specimen No. 1848 mounted on same slide labelled "Polistomima Walkeri Enderl. Sumatra Soekaranda Dr. Dohrn. Flügel. Type.". Some specimens in poor condition.

Species remarks: Currently placed in genus *Xenaspis* OSTEN SACKEN, 1881.

***Prosthiacanthina compta* ENDERLEIN, 1912b: 367**

HOLOTYPE male (No. 1910) labelled "Type", "D. Ost-Afrika Kiomoni Hammerst S. 10.1907", "Prosthiacanthina compta Enderl. Type ♂ Dr. Enderlein det. 19", "HOLOTYPE *Mezona compta* (Enderlein, 1912) ♂ Det. Whittington".

Notes: Genitalia in vial on pin. Right wing on slide labelled "Prosthiacanthina compta Enderl. ♂ D.O. Afrika, Kiomoni Okt. 1907 ges. von: Hammerstein. Type".

Species remarks: Currently placed in genus *Mezona* SPEISER, 1910.

***Senopterina doleschalli* ENDERLEIN, 1912a: 357**

HOLOTYPE female (No. 1898) labelled "Soekaranda Januar 1894 Dohrn", "Type", "Senopterina Doleschalli Enderl. Type ♀ Dr. Enderlein det. 1912".

Species remarks: Currently placed in genus *Lamprophthalma* PORTSCHINSKY, 1892.

***Senopterina mejereana* ENDERLEIN, 1912a: 356**

HOLOTYPE male (No. 1897) labelled "Dohrn Sumatra Soekaranda", "Type", "Senopterina Meijereana Enderl. Type ♂ Dr. Enderlein det. 1912".

Species remarks: Currently placed in genus *Lamprophthalma* PORTSCHINSKY, 1892.

***Simomesia tigrina* ENDERLEIN, 1912b: 373**

SYNTYPE male (No. 1916) labelled "Fernando Po Conradt", "Type", "Simomesia tigrina Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPE female (No. 1917) labelled "Fernando Po Conradt", "Type", "Simomesia tigrina Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPE male (No. 1918) labelled "Fernando Po Conradt", "Co≈Typus", "Simomesia tigrina Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPES females (No. 1919 and 1920) labelled "Fernando Po Conradt", "Co≈Typus", "Simomesia tigrina Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPE female (No. 1921) labelled "Fernando Po Conradt".

SYNTYPE male (No. 1922) labelled "Fernando Po Conradt".

Notes: Right wing of syntype specimen No. 1919 mounted on slide labelled "Simomesia tigrina Enderl. ♀ West Africa. Fernando Po. L. Conradt. Type".

Species remarks: This name is considered a junior synonym of *Paryphodes nepticula* (LOEW, 1873).

***Systellodiscus perforatus* ENDERLEIN, 1912b: 372**

SYNTYPE male (No. 1913) labelled "Fernando Po Conradt", "Type", "Systellodiscus perforatus Enderl. Type ♂ Dr. Enderlein det. 1912".

SYNTYPE female (No. 1914) labelled "Fernando Po Conradt", "Type", "Systellodiscus perforatus Enderl. Type ♀ Dr. Enderlein det. 1912".

SYNTYPE male (No. 1915) labelled "Fernando Po Conradt", "Co≈Typus", "Systellodiscus perforatus Enderl. Type ♂ Dr. Enderlein det. 1912".

Notes: Right wing of syntype specimen No. 1915 mounted on slide labelled "Systellodiscus perfora-

tus Enderl. ♂ Westafrika. Fernando Po. L. Conradt. Type”.

Species remarks: Currently placed in genus *Paryphodes* SPEISER, 1911.

Xenaspis polistiformis ENDERLEIN, 1924: 102

SYNTYPE male (No. 1925) labelled “Sikhim Coll. Bingham”, “Type”, “*Xenaspis polistiformis* Enderl. Type ♂ Dr. Enderlein det. 1920”.

ACKNOWLEDGMENTS

We wish to express our hearty thanks to Professor Agnieszka DRABER-MOŃKO (Museum and Institute of

Zoology PAS in Warsaw) for her kind help in determining the sex of *Peltacanthina excellens* specimens.

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Abstract. The 21 holotypes and 207 paratypes of the subfamilies *Alysiinae* and *Opiinae* (*Braconidae*), housed in the Museum and Institute of Zoology Polish Academy of Sciences in Warsaw, are presented with complete label information.

Key words. *Hymenoptera*, *Braconidae*, *Alysiinae*, *Opiinae*, type specimens.

INTRODUCTION

The Museum and Institute of Zoology of the Polish Academy of Sciences in Warsaw (MIZP) houses a large collection of mostly native braconids belonging to the subfamilies *Alysiinae* and *Opiinae*. The collection contains 228 type specimens (21 holotypes and 207 paratypes) that represent 40 species described in the greater part by G.C.D. GRIFFITHS (34 species), in a less degree by M. FISCHER (3 species), as well by E. KÖNIGSMANN, J. PAPP, and W. STERZYŃSKI (one species by each person).

The majority of the specimens have been bred from mining flies of the family *Agromyzidae* (*Diptera*) by J.T. Nowakowski. Generally, these specimens are dry mounted on minutens, rarely glued to pinned cards. Most of them are provided with detailed labels containing breeding records as locality, dates of collection larvae, pupation and emergence, and also host plant and insect host names. In most cases, agromyzid puparia from which braconids were obtained are glued to the cards on which parasitoid specimens are mounted.

In the present list, each entry is formatted similarly

as in previous catalogues published in the Bulletin. The species within respective subfamilies are listed alphabetically by their original genus and species. The species name is followed by author and bibliographic citation. The complete reference is given at the end of this paper. The type specimens are listed with specific kind of type, sex, museum type number (in parentheses), and quoted label information. The contents of individual labels are limited by quotation marks. In brackets my comments are included. Each type specimen of species described by GRIFFITHS has a white circular type label red bordered in the case of holotype, and yellow one in the case of paratype. All specimens have also one additional museum label omitted in this list. It is red and has the following inscription in print: “Mus. Zool. Polonicum Warszawa Typus n. [museum type number] [original name of taxon, author and year] [sex symbol] [kind of the type]”.

All the data published in the lists 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.