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Wykaz typów opisowych przechowywanych w Instytucie Zoologicznym
Polskiej Akademii Nauk w Warszawie¹. IV. Chruściki (*Trichoptera*)

Список дескрипционных типов хранящихся в Зоологическом Институте Польской
Академии Наук в Варшаве¹. IV. Ручейники (*Trichoptera*)

List of type specimens in the collection of the Institute of Zoology
of the Polish Academy of Sciences in Warszawa¹. IV. Caddis Flies
(*Trichoptera*)

The list includes the following type specimens upon which species or lower taxa were established: 1) holotypes, 2) allotypes, 3) syntypes, 4) paratypes. These names of the various groups of types are based on international regulations now in force, irrespective of how they were termed in either the particular collection or the original publication. The specimens included in the list are numbered for inventorial purposes in the following way: separate successive numbers are given to the holotype, allotype and to each series of syntypes or of paratypes, specimens coming from the same locality being considered as one

¹ In fulfilment of Decision No. 150 of the XIV International Zoological Congress at Copenhagen, the Institute of Zoology of the Polish Academy of Sciences has started to publish lists of type specimens in the collection of the Institute. The Decision read as follows: "150. "Recommendation" that institutions possessing type specimens should publish lists of such specimens in their possession: The Colloquium recommends the addition to Article 31 of the following Recommendation: — All Institutions maintaining zoological collections should prepare and publish lists of type material in their possession".

This is also in agreement with the recommendations of the International Council of Museums of the UNESCO, published in the booklet: SWINTON W. E. 1955. Spécimens-types en botanique et en zoologie. Recommandations à l'usage des Musées d'Histoire Naturelle et des Musées mixtes. Paris, V + 12 pp.

This list is the fourth of a series of similar lists to be compiled by various authors. The main object of these lists is to provide zoologists with information relating to type specimens in the collection of the Institute of Zoology of the Polish Academy of Sciences. At the same time they will form a published inventory of type specimens in the possession of the Institute.

series. The labels used for this purpose are made of red paper and bear the following inscription in print: "Inst. Zool. P. A. N. Warszawa (or Kraków, Poznań, Łódź) — Holotypus (alternatively Allotypus, Syntypus, Paratypus) — Nr ..."; the number is marked in black India ink.

The list is arranged in alphabetic order. The particular entries are given as follows: the name of the species, quoted strictly according to the original description, is followed by the name of the author of the species or infraspecific taxon, than the year of publication of the description and the page. The name of the author and the year refer to the list of literature; consequently, it was sometimes necessary to add letters after the year, e. g., 1905a, 1905b, 1905c, etc. Next follows the number of type specimens, and the designation of the type specimen or specimens used in the original collection (when this term is incorrect, the correct term is added in square brackets). Further the inventorial number follows, in brackets, and the locality from which the given specimen originates. When necessary, notes relating to the condition of the specimen are given at the end.

The list is based on the material found in the collection and that is why some type specimens might have been omitted if they have not been marked in some way or other in the collection. On the other hand, numerous specimens are marked "type", or the like, and yet they are not type specimens: this is the case with unpublished names (MS — names), as well as in the cases when the author of the collection was forming his own "collection types", and in some other instances. In view of these difficulties, every entry of the list was meticulously checked against the corresponding literature, and when a reliable check up was impossible, it was omitted. In cases when checking with literature was not sufficient, the history of the specimen was not infrequently tediously traced as far as possible. All doubtful entries were left out; if cleared up in the future, they will be published later as a supplement to the present list.

The list comprises 105 type specimens of *Trichoptera*, grouped in 46 entries.

Trichoptera

- Blepharopus reticulatus* ULMER, 1905a: 52. 1 type [holotype] (No. 1712) from Santa Catharina.
- Chimarrha brasiliiana* ULMER, 1905a: 96. 2 types and 2 cotypes [all syntypes] (No. 1713) from Santa Catharina.
- Chimarrha concolor* ULMER, 1905a: 97. 2 types [syntypes] (No. 1714) from Sinabong, Sumatra.
- Cyrnus fraternus* BANKS, 1905: 17. 1 cotype [syntype] (No. 1715) from Plummer's Island, U. S. A.
- Dicentropus flavipes* ULMER, 1905a: 16. 1 type and 3 cotypes [all syntypes] (No. 1716) from Santa Catharina.
- Dipseudopsis spinigera* ULMER, 1909: 130. 1 type [holotype] (No. 1717) from Ambodimanga, Madagascar.

- Ganonema brevipenne* ULMER, 1906: 46. 1 type [syntype] (No. 1718) from Nord Borneo.
- Ganonema brunneum* ULMER, 1905a: 31. 1 type [holotype] (No. 1719) from Soekaranda, Sumatra and 1 cotype [paratype] (No. 1720) from Java.
- Holocentropus flavicornis* BANKS, 1907: 162. 1 cotype [syntype] (No. 1721) from Plummer's Island, U. S. A.
- Holocentropus placidus* BANKS, 1905: 15. 1 cotype [syntype] (No. 1722) from Washington, D. C., U. S. A.
- Homoeoplectron assimile* ULMER, 1905a: 36. 2 types [syntypes] (No. 1723) from Santa Catharina.
- Hydromanicus aspersus* ULMER, 1905b: 95. 2 types [syntypes] (No. 1724) from Java.
- Hydromanicus fasciatus* ULMER, 1905a: 93. 1 type [holotype] (No. 1725) from Basilan, Philippina.
- Hydromanicus luctuosus* ULMER, 1905a: 92. 2 types [syntypes] (No. 1726) from Sikkim, Himalaya.
- Hydropsyche analis* BANKS, 1903: 243. 1 cotype [syntype] (No. 1727) from Ithaca, N. Y., U. S. A.
- Hydropsyche asiatica* ULMER, 1905a: 91. 1 type [syntype] (No. 1728) from Sikkim, Himalaya and 1 type [syntype] (No. 1729) from Java. In reprint of ULMER's work (1905a), dedicated by the author to the Museum of Stettin and preserved now in the library of the Institute of Zoology of the Polish Academy of Sciences in Warszawa, is on the 91st page a handwriting note probably made by ULMER marking that the syntype from Java is the same specimen, which was used to the description of the male of *Hydromanicus irroratus* BRAUER in ULMER, 1905b: 96.
- Hydropsyche hamifera* ULMER, 1905a: 88. 2 types and 1 cotype [all syntypes] (No. 1730) from Celebes.
- Hydropsyche javanica* ULMER, 1905a: 90. 1 type [holotype] (No. 1731) from Java.
- Leptocella flavofasciata* ULMER, 1907: 18. 1 type [holotype] (No. 1732) from Santa Catharina.
- Leptocella Mülleri* ULMER, 1905a: 29. 1 type [holotype] (No. 1733) from Santa Catharina.
- Leptonema cinctum* ULMER, 1905a: 64. 1 type [holotype] (No. 1734) from Balzapamba, Ecuador.
- Leptonema columbianum* ULMER, 1905a: 61. 1 type and 2 cotypes [all syntypes] (No. 1735) from Columbia.
- Leptonema furcatum* ULMER, 1905a: 57. 2 cotypes [syntypes] (No. 1736) from Espirito Santo, Brasilia.
- Leptonema stigmatosum* ULMER, 1905a: 60. 1 type and 3 cotypes [all syntypes] (No. 1737) from Balzapamba, Ecuador, 1 cotype [syntype] (No. 1738) from Merida, Venezuela.

- Limnophilus (Goniotaulius) occidentalis* BANKS, 1908a: 264. 1 cotype [syntype] (No. 1739) from Wellington, British Columbia.
- Limnophilus moestus* BANKS, 1908b: 62. 1 cotype [syntype] (No. 1740) from Grand Lake, New Foundland and 1 cotype [syntype] (No. 1741) from Bredford, Mass., U. S. A.
- Macronema argentilineatum* ULMER, 1905a: 77. 1 type [holotype] (No. 1742) from Pará, Amazonas.
- Macronema bicolor* ULMER, 1905a: 75. 2 types [syntypes] (No. 1743) from Santa Catharina.
- Macronema distinguendum* ULMER, 1905a: 71. 1 type [syntype] (No. 1744) from Soekaranda, Sumatra, 1 type [syntype] (No. 1745) from Bekantiang, Sumatra and 1 cotype [syntype] (No. 1746) from Liangagas, Sumatra.
- Macronema Dohrni* ULMER, 1905a: 69. 1 type and 1 cotype [both syntypes] (No. 1747) from Liangagas, Sumatra.
- Macronema excisum* ULMER, 1905a: 85. 1 type [holotype] (No. 1748) from Santa Inéz, Ecuador.
- Macronema parvum* ULMER, 1905a: 73. 1 type and 1 cotype [both syntypes] (No. 1749) from South America.
- Marilia flexuosa* ULMER, 1905c: 70. 1 type [syntype] (No. 1750) from Santa Catharina.
- Mortoniella albolineata* ULMER, 1907: 44. 2 types [syntypes] (No. 1751) from Santa Catharina.
- Neureclipsis parvulus* BANKS, 1907: 163. 1 cotype [syntype] (No. 1752) from Plummer's Island, U. S. A.
- Oestropsis fusca* ULMER, 1905a: 42. 1 type [holotype] (No. 1753) from Soekaranda, Sumatra.
- Plectrocnemia aurea* ULMER, 1905a: 101. 1 type [holotype] (No. 1754) from Sikkim, Himalaya.
- Polyplectropus flavicornis* ULMER, 1905a: 103. 2 types [syntypes] (No. 1755) from Santa Catharina.
- Protomacronema splendens* ULMER, 1905a: 65. 1 type [holotype] (No. 1756) from Gaboon, West Africa.
- Psilochorema longipenne* ULMER, 1905a: 110. 2 types [syntypes] (No. 1757) from Santa Catharina. In reprint of ULMER's work (1905a) dedicated by the author to the Museum of Stettin and preserved now in the library of the Institute of Zoology of the Polish Academy of Sciences in Warszawa, on the 112th page the locality is given in handwriting (made probably by ULMER) as follows: "3 Exl., Sta Catharina, LÜDERWALDT, im Stettiner Museum".
- Rhyacophylax brasilianus* ULMER, 1905a: 108. 2 types [syntypes] (No. 1758) from Santa Catharina.
- Rhyacophylax columbianus* ULMER, 1905a: 106. 1 type and 3 cotypes [all syntypes] (No. 1759) from Columbia.

- Synoestropsis obliqua* ULMER, 1905a: 45. 1 type and 1 cotype [both syntypes] (No. 1760) from Rio Grande do Sul, Brasilia.
- Synoestropsis pedicillata* ULMER, 1905a: 43. 2 types and 3 cotypes [all syntypes] (No. 1761) from Santa Catharina.
- Tetanonema clarum* ULMER, 1905a: 18. 2 types and 19 cotypes [all syntypes] (No. 1762) from Santa Catharina.
- Trienodes columbica* ULMER, 1909: 141. 1 type [holotype] (No. 1763) from Hacienda Pehlke, Columbia.

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STRESZCZENIE

Wykonując uchwałę XIV Międzynarodowego Kongresu Zoologicznego odbytego w r. 1953 w Kopenhadze, a także idąc w myśl zaleceń Międzynarodowej Rady Muzeów przy UNESCO, opublikowanych w r. 1955, Instytut Zoologiczny Polskiej Akademii Nauk przystąpił do opublikowania wykazów typów opisowych przechowywanych w jego zbiorach.

Niniejszy wykaz jest czwartym z serii i podaje typy opisowe chruścików (*Trichoptera*). Obejmuje on 105 okazów typowych zgrupowanych w 46 pozycjach wykazu.

РЕЗЮМЕ

Исполняя решение Международного Зоологического Конгресса состоявшегося в 1953 г. в Копенгагене, и согласно предложению Международного Совета Музеев при ЮНЕСКО, опубликованному в 1955 г., Зоологический Институт Польской Академии Наук начал публиковать списки дескрипционных типов находящихся в его коллекциях.

Настоящий список является четвертым из этой серии и приводит дескрипционные типы ручейников (*Trichoptera*). Он содержит 105 типичных экземпляров сгруппированных в 46 пунктах списка.

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