



<http://dx.doi.org/10.11646/zootaxa.3790.1.5>

<http://zoobank.org/urn:lsid:zoobank.org:pub:F8AA1D86-A9C2-422F-B1C1-2C92BFE07966>

The type specimens of sawflies (Hymenoptera: Symphyta) of the Museo Nacional de Ciencias Naturales, Madrid

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Abstract

The type specimens of sawflies (Hymenoptera: Symphyta) housed in the Museo Nacional de Ciencias Naturales, Madrid, were examined. Lectotypes are designated and illustrated for the following 32 nominal taxa (preserved in the MNCN collection if not stated otherwise): *Tenthredo acutiscutis* Konow, 1908; *Tenthredo aericeps* Konow, 1907; *Allantus albipectus* Konow, 1907; *Athalia bolivari* Dusmet, 1896; *Tristactus punctatus* var. *candidatus* Konow, 1899; *Tenthredo capistrata* Konow, 1907; *Megalodontes capitalatus* Konow 1904 (coll. SDEI); *Tenthredo casta* Konow, 1908; *Clydostomus cestatus* Konow, 1908; *Miocephala chalybea* Konow, 1907 (coll. SDEI); *Peus cupreiceps* Konow, 1907; *Metallopeus cupreolus* Malaise, 1945 (coll. NHRS); *Allantus dusmeti* Konow, 1894 (coll. SDEI); *Megalodontes dusmeti* Enslin, 1914 (coll. ZSM); *Megalodontes escalerae* Konow, 1899; *Tenthredo flavitarsis* Konow, 1908; *Sciopteryx galerita* Konow, 1907; *Tenthredo habenata* Konow, 1907; *Allantus inguinalis* Konow, 1908; *Clydostomus merceti* Konow, 1908; *Megalodontes merceti* Konow 1904 (coll. SDEI); *Tenthredo mordax* Konow, 1908; *Megalodontes mundus* Konow, 1904; *Tenthredo nimbata* Konow, 1906; *Tenthredo oculissima* Konow, 1907; *Peus pannulosus* Konow, 1907; *Tenthredo podagrica* Konow, 1907; *Arge segmentaria* var. *rufiventris* Konow, 1899; *Tenthredo rugiceps* Konow, 1908; *Tenthredo segregata* Konow, 1908; *Peus splendidus* Konow 1907; *Tenthredo suta* Konow, 1906. *Peus cupreiceps* Konow, 1907, is considered to be a valid species. New synonymy is proposed for *Tenthredo* (*Metallopeus*) *cupreiceps* (Konow, 1907), **comb. nov., spec. rev.** (= *Metallopeus cupreolus* Malaise, 1945, **syn. nov.**; = *Metallopeus inermis* Malaise, 1945, **syn. nov.**).

Key words: Insecta, Tenthredinidae, Megalodontesidae, lectotypes, new synonyms, India (Sikkim), Spain, Cameroon, Turkey, Konow, Malaise, Dusmet

Introduction

In the course of a SYNTHESYS project, the first author studied in 2012 the sawfly collection of the Museo Nacional de Ciencias Naturales, Madrid (MNCN). The Symphyta specimens in this collection were collected mainly during the end of the 19th and first decades of the 20th century. Important collectors of this period were Ricardo García Mercet (1860–1933, Fig. 01), Manuel Martínez de la Escalera (1867–1949, Fig. 02), and José María Dusmet y Alonso (1869–1960, Fig. 03) (Martín Albaladejo, 2004); in fact, most of the specimens listed in this catalogue came to the MNCN entomology collection through Escalera. Whereas Mercet and Escalera never published about sawflies, Dusmet wrote two important papers about the Spanish Symphyta (Dusmet 1896, 1949) and described a new species. Most of the species that are treated below were described between 1894 and 1908 by Friedrich Wilhelm Konow (1842–1908, Fig. 04) based on material he got via Dusmet from the MNCN. Frequently, Konow kept specimens (syntypes) of his new species in his collection (now housed in the Senckenberg Deutsches Entomologisches Institut, SDEI). In his papers it is not always immediately clear, where the types are housed. For example, a remark about the types of *Allantus asperatus* can be found some pages after its description, below *Tenthredo suta*: “Die beiden neuen *Tenthredo*-Arten sowie den *All. asperatus* verdanke ich Herrn Prof. R. Mercet,

Smith (1992: 28, MNCN_Ent 81545, MNCN Cat. Tipos N° 11741, <http://dx.doi.org/10.6084/m9.figshare.775318>). Type locality: Ecuador: Puerto Francisco de Orellana (“Coca”). Paralectotype: 1 ♂ same data as the lectotype (MNCN_Ent 81546, MNCN Cat. Tipos N° 11741).

Discussion. Konow (1907d) assumed “Coca” to be a locality in Brazil, but it is a place in Ecuador. The green labels with the data of Pacific’s expedition were added as a result of a project cataloguing the insects collected in that Expedition (Santos Mazorra, 1994).

***Clyparge terminalis* Pasteels, 1963**

A valid species, *Clyparge terminalis* Pasteels, 1963.

Types. *Clyparge terminalis* Pasteels, 1963: 543–544. Holotype ♀, “Cameroun 1898–1899” (MNCN_Ent 82311, MNCN Cat. Tipos N° 10274 see <http://dx.doi.org/10.6084/m9.figshare.775321>). Type locality: Cameroon “Kamerun”. Paratype: 1 ♂ [?] same data (MNCN_Ent 82312, MNCN Cat. Tipos N° 10274).

***Megalodontes thor* Taeger, 2002**

A valid species, *Megalodontes thor* Taeger, 2002.

Types. *Megalodontes thor* Taeger, 2002: 476–477. Holotype ♀ Germany, Bavaria, Dingolfing, NSG Rosenau (SDEI, <http://dx.doi.org/10.6084/m9.figshare.913568>). Paratypes from C, SE and E Europe. In MNCN 1♂, 3♀ from Romania, Comana Vlasca (MNCN_Ent 81529–MNCN_Ent 81532, MNCN Cat. Tipos N° 9980).

Acknowledgments

The work of the first author at the Museo Nacional de Ciencias Naturales, Madrid was supported by the European Union-funded Integrated Activities grant SYNTHESYS (ES-TAF-1847), the examination of Malaise’s types in the Naturhistoriska riksmuseet, Stockholm became possible also through SYNTHESYS grants (SE-TAF 4856[2008], SE-TAF 1751[2012]). We wish to thank Dr H. Vårdal (Stockholm) for the loan of material.

Our thanks to Carolina Martín Albaladejo and Felícitas Ramírez Malo (Archive of the MNCN) for providing the images of Spanish entomologists included in this article, and Editha Schubert (Archive of the SDEI) for Konow’s portrait. Thanks for critical remarks and discussions to our colleagues at the SDEI, Dr S.M. Blank and A. Liston, who also corrected the English. We also wish to thank Dr F. Koch (Berlin) and an anonymous colleague for the review of the manuscript and Prof. A. Lelej (Vladivostok) for editing the paper.

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