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A catalogue of the Ichneumonidae (Hymenoptera, Ichneumonoidea) from Spain and France collected by Father Gabriel Strobl (1846-1925)

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A b s t r a c t : STROBL (1901, 1902, 1903, 1904) recorded 26 species of the family Ichneumonidae from Spain and eight species from France. They represent the subfamilies Anomaloninae (one species from Spain), Campopleginae (15 species from Spain and five species from France), Diplazontinae (two species from Spain and one species from France), Ichneumoninae (one species from France), Orthocentrinae (two species from Spain) and Phygadeuontinae (six species from Spain and one species from France). Until now, the records of 25 species from Spain and eight species from France have been overlooked. Until now, four species have not been recorded from Spain: *Bathyplectes infernalis* (GRAVENHORST, 1820) (Campopleginae), *Plectiscidea integer* (FÖRSTER, 1871) (Orthocentrinae), *Phygadeuon dubius* (GRAVENHORST, 1829) and *Thaumatogelis vulpinus* (GRAVENHORST, 1815) (both Phygadeuontinae). *Campoplex melanostoma* (STROBL, 1904) (Campopleginae) and *Dichrogaster liostylus* (THOMSON, 1885) (Phygadeuontinae) are deleted from the Austrian species list of Ichneumonidae.

K e y w o r d s : Ichneumonidae, Strobl, Austria, France, Spain

Introduction

Compiling a catalogue of the Austrian Ichneumonidae I recognized that the catalogue of YU et al. (2016) contains many errors in the distribution of species mentioned in the papers of STROBL (1901, 1902, 1903, 1904). He recorded species from 15 countries in today's Europe but YU et al. (2016) listed the papers under "distribution" mainly only for Austria, e.g. *Bathyplectes anurus* (Thomson, 1887).

Father Gabriel Strobl (3.11.1846-15.3.1925) (MORGE 1974) collected mainly Diptera and Hymenoptera during a field trip to Spain in 1898. He collected Ichneumonidae at seven stations: Jativa (Festungsberg and Huerta, 7-8.4.), Algeciras (11-12.4.), Sierra Morena (Venta de Cardenas, 23-24.4.), Madrid (Paseo de Campo, 26.4.), Brincola (Sierra Aiscure, 30.4.-4.5.) and Irun (5.5.). During the return journey he collected also at Cette = Sete (Stadtberg, 7. V.), South France. The exact collecting data are mentioned in Strobl's paper on Spanish Diptera (STROBL 1898: 294-295). The Strobl Collection is deposited at the Admont Benedictine Abbey in Styria, Austria (CHVÁLA 2014).

List of the species collected in Spain and France

Subfamilies, genera and species are arranged alphabetically. Synonyms are marked with an asterisk (*) when listed the first time and corrections with an equal sign (=).

Subfamily *A n o m a l o n i n a e*

Agrypon andalusiacum (STROBL, 1904)

Anomalon andalusiacum n.sp.: STROBL 1904: 56 (description ♀, Spain: Jativa).

Anomalon andalusiacum STROBL, 1904: CEBALLOS et al. 1956: 182 (not mentioned).

Barylypa andalusiaci (STROBL, 1904): YU & HORSTMANN 1997a: 38 (taxonomy, world catalogue: Spain).

Barylypa andalusiaci (STROBL, 1904): CHVÁLA 2014: 32 (Jativa), 54 (taxonomy, Spain: Jativa, type catalogue Hymenoptera described by Strobl, type depository: Admont), 139 (Appendix A: catalogue of described taxa on species level).

Agrypon andalusiacum (STROBL, 1904): SCHNEE 2014: 101 (taxonomy, lectotype designation, description ♀ ♂, Spain: Jativa), 102 (figs 15-18), 103 tab. 1: taxonomy).

Agrypon andalusiacum (STROBL, 1904): YU et al. 2016: Spain (STROBL 1904).

Subfamily *C a m p o p l e g i n a e*

Bathyplectes anurus (THOMSON, 1887)

Canidia anura THOMSON, 1887: STROBL 1904: 75 (taxonomy, Spain: Irun).

Canidia anura THOMSON, 1887: SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1674 (key), 1676 (taxonomy, description ♀ ♂, Germany – Spain not mentioned).

Canidia anura THOMSON, 1887: SZÉPLIGETI 1911: 12 (world catalogue: Austria, Germany, Hungary, Spain and Sweden).

Bathyplectes anura [correct *anurus*] (THOMSON, 1887): CEBALLOS et al. 1956: 184 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Bathyplectes anurus (THOMSON, 1887): YU & HORSTMANN 1997a: 110 (world catalogue).

Bathyplectes anurus (THOMSON, 1887): YU et al. 2016: STROBL (1904) not listed in the distribution for Italy and Spain).

Bathyplectes curculionis (THOMSON, 1887)

Canidia curculionis THOMSON, 1887: STROBL 1904: 75 (taxonomy, Spain: Algeciras, Madrid).

Canidia curculionis THOMSON, 1887: SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1675 (key), 1678 (taxonomy, description ♀ ♂, widely distributed).

Canidia curculionis THOMSON, 1887: SZÉPLIGETI 1911: 13 (world catalogue: Austria, Germany, Hungary, Spain and Sweden).

Bathyplectes curculionis (THOMSON, 1887): CEBALLOS et al. 1956: 184 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Bathyplectes curculionis (THOMSON, 1887): YU & HORSTMANN 1997a: 110 (world catalogue).

Bathyplectes curculionis (THOMSON, 1887): YU et al. 2016: STROBL (1904) not listed in the distribution for Italy and Spain.

Bathyplectes exiguus (GRAVENHORST, 1829)

Canidia exigua (GRAVENHORST, 1829): STROBL 1904: 74 (taxonomy, Spain: Sierre Morena).

Canidia exigua (GRAVENHORST, 1829): SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1675 (key), 1679 (taxonomy, description ♀ ♂, North and Central Europe – Spain not mentioned).

Canidia exigua (GRAVENHORST, 1829): SZÉPLIGETI 1911: 13 (world catalogue: Austria, Germany, Spain, Sweden and United Kingdom).

Bathyplectes exigua [correct *exiguus*] (GRAVENHORST, 1829): CEBALLOS et al. 1956: 185 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Bathyplectes exiguus (GRAVENHORST, 1829): YU & HORSTMANN 1997a: 111 (world catalogue).

Bathyplectes exiguus (GRAVENHORST, 1829): YU et al. 2016: STROBL (1904 not mentioned in the distribution for Slovenia and Spain).

***Bathyplectes infernalis* (GRAVENHORST, 1820)**

Bathyplectes infernalis (GRAVENHORST, 1820): YU & HORSTMANN 1997a: 111 (world catalogue: STROBL (1904) not listed).

Bathyplectes infernalis (GRAVENHORST, 1820): YU et al. 2016: not mentioned STROBL (1904): France and Spain).

**Canidia trochantella* THOMSON, 1887: STROBL 1904: 75 (taxonomy, Spain: Ronda, Sierra Morena – France: Cete = Sete).

Canidia trochantella THOMSON, 1877: SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1675 (key), 1681 (taxonomy, description ♀, Central and South Europe including Pyrenees – Spain not mentioned).

Nepiesta trochantella (THOMSON, 1887): SZÉPLIGETI 1911: 12 (world catalogue: Central and South Europe – Spain not mentioned).

Nepiesta trochantella (THOMSON, 1887): CEBALLOS et al. 1956: 188 (not mentioned).

Canidia trochantella THOMSON, 1877: YU & HORSTMANN 1997a: 111 (world catalogue: synonym, STROBL (1904) not listed).

Canidia trochantella THOMSON, 1887: YU et al. 2016: STROBL (1904) not listed in distribution for France and Spain.

The only Spanish record should be checked.

***Bathyplectes quinqueangularis* (RATZEBURG, 1852)**

Canidia 5-angularis [correct *quinqueangularis*] (RATZEBURG, 1852): STROBL 1904: 74 (taxonomy, Spain: Sierra Morena).

Canidia quinqueangularis (RATZEBURG, 1852): SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1674 (key), 1677 (taxonomy, description ♀ ♂, biology, North and Central Europe – Spain not mentioned).

Canidia quinqueangularis (RATZEBURG, 1852): SZÉPLIGETI 1911: 13 (world catalogue: Austria, Germany, Hungary and Spain).

Bathyplectes quinqueangularis (RATZEBURG, 1852): CEBALLOS et al. 1956: 185 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Bathyplectes quinqueangularis (RATZEBURG, 1852): YU & HORSTMANN 1997a: 111 (world catalogue).

Bathyplectes quinqueangularis (RATZEBURG, 1852): YU et al. 2016: Spain (STROBL 1904) listed.

***Campoletis annulata* (GRAVENHORST, 1829)**

Sagaritis annulata (GRAVENHORST, 1829): STROBL 1904: 66 (taxonomy, Spain without exact locality).

Sagaritis annulata (GRAVENHORST, 1829): SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1599 (key), 1608 (taxonomy, description ♀ ♂, North and Central Europe – Spain not mentioned).

Sagaritis annulata (GRAVENHORST, 1829): SZÉPLIGETI 1911: 9 (world catalogue: Austria, Germany, United Kingdom and Mallorca – Spain (mainland) not mentioned).

Campoletis annulata (GRAVENHORST, 1829): CEBALLOS et al. 1956: 185 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Campoletis annulata (GRAVENHORST, 1829): YU & HORSTMANN 1997a: 113 (world catalogue).

Campoletis annulata (GRAVENHORST, 1829): YU et al. 2016: STROBL (1904): not listed in distribution for Croatia, Germany, Slovenia and Spain.

***Campoletis crassicornis* (TSCHEK, 1871)**

**Sagaritis brachycera* THOMSON, 1887: STROBL 1904: 65 (taxonomy, Spain: Irun).

Sagaritis brachycera THOMSON, 1887: SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1596 (key), 1600 (taxonomy, description ♀ ♂, North and Central Europe, Germany – Spain not mentioned).

Sagaritis brachycera THOMSON, 1887: SZÉPLIGETI 1911: 9 (world catalogue: Germany, Hungary, Spain, Sweden).

Campoletis brachycera (THOMSON, 1887): CEBALLOS et al. 1956: 185 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Sagaritis brachycera THOMSON, 1887: YU & HORSTMANN 1997a: 114 (world catalogue).

Sagaritis brachycera THOMSON, 1887: YU et al. 2016: STROBL (1904) not listed in distribution for Spain.

***Campoplex melanostoma* (STROBL, 1904)**

Limneria conformis melanostoma n.var.: STROBL 1904: 70 (description ♂ [correct ♀ (HORSTMANN 1995)], biology, France (Cette = Sete) and Croatia).

Limnerium conforme var. *melanostomum* STROBL, 1904: SZÉPLIGETI 1911: 16 (world catalogue: South Europe = Croatia and France).

Campoplex melanostoma STROBL, 1904: CEBALLOS et al. 1956: 186 (not mentioned).

Campoplex melanostoma (STROBL, 1904): HORSTMANN 1995: 32 (taxonomy, lectotype designation (France: Cette = Sete), Croatia).

Campoplex melanostoma (STROBL, 1904): YU & HORSTMANN 1997a: 122 (world catalogue: Austria (STROBL 1904) [correct France]).

Campoplex melanostoma (STROBL, 1904): KOLAROV 2008: 1601 (catalogue Ichneumonidae former Yugoslavia: Austria (error), Croatia, France).

Campoplex melanostoma (STROBL, 1904): SHAW et al. 2016: 187 (biology. Portugal).

Campoplex melanostoma (STROBL, 1904): YU et al. 2016: STROBL (1904) not listed in the distribution for Croatia and France; Austria (STROBL 1904) should be deleted.

As Strobl examined material only from Croatia and France, *Campoplex melanostoma* is deleted from the Austrian species list of Ichneumonidae.

***Campoplex multicinctus* (GRAVENHORST, 1829)**

Omorga multicincta (GRAVENHORST, 1829): STROBL 1904: 80 (taxonomy, Spain: Irun).

Omorgus multicinctus (GRAVENHORST, 1829): SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1707 (key), 1724 (taxonomy, description ♀ ♂, North and Central Europe – Spain not mentioned).

Omorgus multicinctus (GRAVENHORST, 1829): SZÉPLIGETI 1911: 27 (world catalogue: whole Europe).

Campoplex multicinctus (GRAVENHORST, 1829): CEBALLOS et al. 1956: 186 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Campoplex multicinctus (GRAVENHORST, 1829): YU & HORSTMANN 1997a: 122 (world catalogue: STROBL (1904) not listed).

Campoplex multicinctus (GRAVENHORST, 1829): YU et al. 2016: STROBL (1904) not listed in distribution for Spain.

***Clypeoplex cerophagus* (GRAVENHORST, 1829)**

Angitia cerophaga (GRAVENHORST, 1829): STROBL 1904: 84 (taxonomy, Spain without exact locality – France: Cette = Sete).

Angitia cerophaga (GRAVENHORST, 1829): SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1766 (key), 1773 (taxonomy, description ♀ ♂, biology, North and Central Europe – Spain and France not mentioned).

Angitia cerophaga (GRAVENHORST, 1829): SZÉPLIGETI 1911: 31 (world catalogue: Austria, Germany, Hungary, Italy, Sweden and United Kingdom – Spain and France not mentioned).

Angitia cerophaga (GRAVENHORST, 1829): CEBALLOS et al. 1956: 184 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Clypeoplex cerophagus (GRAVENHORST, 1829): YU & HORSTMANN 1997a: 131 (world catalogue: STROBL (1904) not listed).

Clypeoplex cerophagus (GRAVENHORST, 1829): YU et al. 2016: STROBL (1904) not mentioned in the distribution for Croatia, France, Poland, Romania, Slovenia and Spain.

***Cymodusa antennator* HOLMGREN, 1860**

**Cymodusa flavipes* BRISCHKE, 1880: STROBL 1904: 67 (taxonomy, Spain: Algeciras).

Cymodusa flavipes BRISCHKE, 1880: SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1610 (key), 1614 (taxonomy, description ♂, Germany and United Kingdom – Spain not mentioned).

Cymodusa flavipes BRISCHKE, 1880: SZÉPLIGETI 1911: 8 (world catalogue: Germany and Spain).

Cymodusa flavipes BRISCHKE, 1880: CEBALLOS et al. 1956: 187 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Cymodusa flavipes BRISCHKE, 1880: YU & HORSTMANN 1997a: 131 (world catalogue).

Cymodusa flavipes BRISCHKE, 1880: YU et al. 2016: STROBL (1904) not listed in the distribution for Croatia and Spain.

***Diadegma armillatum* (GRAVENHORST, 1829)**

**Angitia tibialis* (GRAVENHORST, 1829): STROBL 1904: 84 (taxonomy, Spain: Irun, Sierra Moreno).

Angitia tibialis (GRAVENHORST, 1829): SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1766 (key), 1777 (taxonomy, description ♀ ♂, North and Central Europe – Spain not mentioned).

Angitia tibialis (GRAVENHORST, 1829): SZÉPLIGETI 1911: 33 (world catalogue: Austria, Croatia, Spain, Sweden and United Kingdom).

Angitia tibialis (GRAVENHORST, 1829): CEBALLOS et al. 1956: 184 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Campoplex tibiale (GRAVENHORST, 1829): YU & HORSTMANN 1997a: 134 (world catalogue).

Ophion (*Campoplex*) *tibialis* (GRAVENHORST, 1829): YU et al. 2016: synonym, STROBL (1904) not listed in distribution for Croatia and Spain).

***Diadegma fenestrale* (HOLMGREN, 1860)**

Angitia fenestralis (HOLMGREN, 1860): STROBL 1904: 83 (taxonomy, Spain without exact locality – France: South France without exact locality = Sete).

Angitia fenestralis (HOLMGREN, 1860): SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1765 (key), 1771 (taxonomy, description ♀ ♂, biology, Europe).

Angitia fenestralis (HOLMGREN, 1860): SZÉPLIGETI 1911: 32 (world catalogue: whole Europe).

Angitia fenestralis (HOLMGREN, 1860): CEBALLOS et al. 1956: 184 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Diadegma fenestrale (HOLMGREN, 1860): YU & HORSTMANN 1997a: 136 (world catalogue).

Diadegma fenestrale (HOLMGREN, 1860): YU et al. 2016: STROBL (1904) not listed in distribution for Croatia, France, Romania, Spain and Ukraine.

***Diadegma laterale* (GRAVENHORST, 1829)**

Angitia lateralis (GRAVENHORST, 1829): STROBL 1904: 84 (taxonomy, France: Cete = Sete).

Angitia lateralis (GRAVENHORST, 1829): SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1764 (key), 1772 (taxonomy, description ♀, no localities).

Angitia lateralis (GRAVENHORST, 1829): SZÉPLIGETI 1911: 32 (world catalogue: Austria, Germany, Sweden and United Kingdom – France not mentioned).

Diadegma laterale (GRAVENHORST, 1829): YU & HORSTMANN 1997a: 138 (world catalogue).

Diadegma laterale (GRAVENHORST, 1829): YU et al. 2016: STROBL (1904) not listed in distribution for France.

***Diadegma majale* (GRAVENHORST, 1829)**

Angitia majalis (GRAVENHORST, 1829): STROBL 1904: 85 (taxonomy, Spain without exact locality).

Angitia majalis (GRAVENHORST, 1829): SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1764 (key), 1780 (taxonomy, description ♀ ♂, whole Europe, Germany – Spain not mentioned).

Angitia majalis (GRAVENHORST, 1829): SZÉPLIGETI 1911: 32 (world catalogue: Austria, Croatia, France, Germany, Spain and Sweden).

Angitia majalis (GRAVENHORST, 1829): CEBALLOS et al. 1956: 184 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Diadegma majale (GRAVENHORST, 1829): YU & HORSTMANN 1997a: 138 (world catalogue: STROBL (1904) not listed).

Diadegma majale (GRAVENHORST, 1829): YU et al. 2016: STROBL (1904) not listed in distribution for Croatia, Slovenia and Spain.

***Diadegma pusio* (HOLMGREN, 1860)**

Angitia pusio (HOLMGREN, 1860): STROBL 1904: 87 (taxonomy, Spain: Irún).

Nythobia pusio (HOLMGREN, 1860): SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1643 (key, *N. cf. pusio*), 1647 (taxonomy, description ♀ ♂, North and Central Europe, Germany – Spain not mentioned).

Angitia pusio (HOLMGREN, 1860): SZÉPLIGETI 1911: 32 (world catalogue: Austria, Spain, Sweden and United Kingdom).

Angitia pusio (HOLMGREN, 1860): CEBALLOS et al. 1956: 184 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Diadegma pusio (HOLMGREN, 1860): YU & HORSTMANN 1997a: 140 (world catalogue).

Diadegma pusio (HOLMGREN, 1860): YU et al. 2016: STROBL (1904) not listed in distribution for Croatia and Slovenia.

***Diadegma rufatum* (BRIDGMAN, 1884)**

Angitia rufata (BRIDGMAN, 1884): STROBL 1904: 87 (taxonomy, Spain: Algeciras).

Angitia rufata (BRIDGMAN, 1884): SCHMIEDEKNECHT 1909 (In: SCHMIEDEKNECHT 1908-1911): 1760 (key), 1784 (taxonomy, description ♀ ♂, biology, Sweden and United Kingdom – Spain not mentioned).

Angitia rufata (BRIDGMAN, 1884): SZÉPLIGETI 1911: 32 (world catalogue: Spain, Sweden and United Kingdom).

Angitia rufata (BRIDGMAN, 1884): CEBALLOS et al. 1956: 184 (catalogue Hymenoptera Spain: STROBL (1904) not listed).

Diadegma rufatum (BRIDGMAN, 1884): YU & HORSTMANN 1997a: 140 (world catalogue: STROBL (1904) not listed).

Diadegma rufatum (BRIDGMAN, 1884): YU et al. 2016: STROBL (1904) not listed in distribution for Spain.

Subfamily *D i p l a z o n t i n a e*

Diplazon laetatorius (FABRICIUS, 1781)

Bassus (*Bassus*) *laetatorius* (FABRICIUS, 1781): STROBL 1903: 92 (taxonomy, France: South France without exact locality = Sete).

Bassus (*Bassus*) *laetatorius* (FABRICIUS, 1781): SCHMIEDEKNECHT 1926 (In: SCHMIEDEKNECHT 1911-1927): 3339 (key), 3345 (taxonomy, description ♀ ♂, biology, all zoogeographical regions).

Diplazon laetatorius (FABRICIUS, 1781): YU & HORSTMANN 1997a: 461 (world catalogue).

Diplazon laetatorius (FABRICIUS, 1781): YU et al. 2016: STROBL (1903) not listed for Croatia, Czech Republic, France, Italy and Slovenia.

Sussaba pulchella (HOLMGREN, 1858) or *flavipes* (Lucas, 1849)

Bassus (*Promethus*) *pulchellus* HOLMGREN, 1858: STROBL 1903: 94 (taxonomy, Spain: North Spain without exact locality).

Promethes [correct *Promethus*] *pulchellus* (THOMSON [correct HOLMGREN], 1858): CEBALLOS et al. 1956: 200 (catalogue Hymenoptera Spain: STROBL (1903) not listed).

Sussaba pulchella (HOLMGREN, 1858): YU & HORSTMANN 1997a: 467 (world catalogue).

Sussaba pulchella (HOLMGREN, 1858): YU et al. 2016: STROBL (1903) not listed in distribution for Romania, Slovenia, Spain and Ukraine.

As the identification is doubtful (DILLER 1980) and both species are known from Spain, the determination should be checked.

Syrphophilus bizonarius (GRAVENHORST, 1829)

Bassus (*Homoporus*) *bizonarius* (GRAVENHORST, 1829): STROBL 1903: 94 (taxonomy, Spain: Algeciras).

Syrphoctonus bizonarius (GRAVENHORST, 1829): CEBALLOS et al. 1956: 200 (catalogue Hymenoptera Spain: STROBL (1903) not listed).

Syrphophilus bizonarius (GRAVENHORST, 1829): YU & HORSTMANN 1997a: 472 (world catalogue).

Syrphophilus bizonarius (GRAVENHORST, 1829): YU et al. 2016: STROBL (1903) not listed in distribution for Slovenia and Spain.

Subfamily *I c h n e u m o n i n a e*

Amblyteles armatorius (FORSTER, 1771)

Amblyteles armatorius (FORSTER, 1771): STROBL 1901: 161 (taxonomy, France: Cette = Sete).

Amblyteles armatorius (FORSTER, 1771): SCHMIEDEKNECHT 1930 (In: SCHMIEDEKNECHT 1928-1930): 15 (key ♀ as *A. amatorius*), 39 (key ♂), 97 (taxonomy, description ♀ ♂, biology, Palaearctis: whole Europe: Germany, Poland – France not mentioned).

Amblyteles armatorius (FORSTER, 1771): CEBALLOS et al. 1956: 135 (catalogue Hymenoptera Spain: STROBL (1901) not listed).

Amblyteles armatorius (FORSTER, 1771): YU & HORSTMANN 1997a: 537 (world catalogue).

Amblyteles armatorius (FORSTER, 1771): YU et al. 2016: STROBL (1901) not listed in distribution for Bosnia and Hercegovina, Croatia, France and Italy.

Subfamily *O r t h o c e n t r i n a e*

Plectiscidea integer (FÖRSTER, 1871)

Plectiscus sodalis var. *integer* FÖRSTER, 1871: STROBL 1904: 133 (taxonomy, Spain: Brincola).

Plectiscus sodalis var. *integer* FÖRSTER, 1871: SCHMIEDEKNECHT 1911 (In: SCHMIEDEKNECHT 1908-1911): 2209 (key ♂, taxonomy), 2219 (taxonomy, no localities).

Plectiscus integer FÖRSTER, 1871: SCHMIEDEKNECHT 1911: 59 (world catalogue: Germany, Austria [includes Austria, Bosnia and Hercegovina and Spain]).

Plectiscus integer FÖRSTER, 1871: CEBALLOS et al. 1956: 192 (not mentioned).

Plectiscidea integer (FÖRSTER, 1871): YU & HORSTMANN 1997b: 776 (world catalogue).

Plectiscidea integer (FÖRSTER, 1871): YU et al. 2016: STROBL (1904) not listed in distribution for Bosnia and Hercegovina and Spain.

The only Spanish record. The identification should be checked.

***Stenomacrus merula* (GRAVENHORST, 1829)**

**Orthocentrus femoralis* HOLMGREN, 1858: STROBL 1903: 91 (taxonomy, Spain: Brincola).

Stenomacrus silvaticus var. *femoralis* (HOLMGREN, 1858): CEBALLOS et al. 1956: 198 (catalogue Hymenoptera Spain: STROBL (1903) not listed).

Orthocentrus femoralis HOLMGREN, 1858: YU & HORSTMANN 1997b: 781 (world catalogue: STROBL (1903) not listed).

Orthocentrus femoralis Holmgren, 1858: YU et al. 2016: STROBL (1903) not listed in distribution for Spain.

**Stenomacrus silvaticus* (HOLMGREN, 1858): SCHMIEDEKNECHT 1926 (In: SCHMIEDEKNECHT 1911-1927): 3289 (key), 3316 (taxonomy, description ♀ ♂, North and Central Europe – Spain not mentioned).

Subfamily P h y g a d e u o n t i n a e

***Dichrogaster liostylus* (THOMSON, 1885)**

Hemiteles liostylus THOMSON, 1885: STROBL 1901: 234 (taxonomy, Spain: Jativa).

Hemiteles liostylus THOMSON, 1885: SCHMIEDEKNECHT 1905 (In: SCHMIEDEKNECHT 1904-1906): 770 (key), 772 (key), 775 (key), 825 (taxonomy, description ♀ ♂, France).

Hemiteles liostylus THOMSON, 1885: SCHMIEDEKNECHT 1908: 109 (world catalogue: France – Spain not mentioned).

Dichrogaster liostylus (THOMSON, 1885): CEBALLOS et al. 1956: 169 (not mentioned).

Dichrogaster liostylus (THOMSON, 1885): YU & HORSTMANN 1997a: 340 (world catalogue: STROBL (1901) listed as *schaffneri*).

Dichrogaster liostylus (THOMSON, 1885): BORDERA 1998: 282 (key *Dichrogaster* Spain), 284 (fig. 1), 285 (Spain).

Dichrogaster liostylus (THOMSON, 1885): YU et al. 2016: STROBL (1901) not listed in distribution for pain; link Austria (STROBL 1901) should be deleted

As Strobl examined material only from Spain, *Dichrogaster liostylus* is deleted from the Austrian species list of Ichneumonidae.

***Gelis bicolor* (VILLERS, 1789)**

Gelis bicolor (VILLERS, 1789): CEBALLOS et al. 1956: 170 (catalogue Hymenoptera Spain: STROBL (1901) not listed).

Gelis bicolor (VILLERS, 1789): BORDERA 1998: 288 (Spain).

Gelis bicolor (VILLERS, 1789): SCHWARZ 2002: 1314 (key ♀), 1351 (taxonomy), 1359 (taxonomy, description ♀, biology, Spain without exact locality (Strobl Collection)).

Gelis bicolor (VILLERS, 1789): YU et al. 2016: the mention Austria (STROBL 1901) see *P. fuscus*.

**Pezomachus fuscus* FÖRSTER, 1851: STROBL 1901: 248 (taxonomy, Spain: Jativa).

Pezomachus fuscus FÖRSTER, 1851: SCHMIEDEKNECHT 1906 (In: SCHMIEDEKNECHT 1904-1906): 901 (key ♂), 955 (taxonomy, description ♂, Germany – Spain not mentioned).

- Pezomachus fuscus* FÖRSTER, 1851: SCHMIEDEKNECHT 1908: 119 (world catalogue: Germany – Spain not mentioned).
Pezomachus fuscus FÖRSTER, 1851: YU & HORSTMANN 1997a: 351 (world catalogue: STROBL (1901) not mentioned).
Pezomachus fuscus FÖRSTER, 1851: YU et al. 2016: STROBL (1903) not listed in distribution for Spain.

***Gelis vicinus* (GRAVENHORST, 1829)**

- Hemiteles vicinus* (GRAVENHORST, 1829): STROBL 1901: 236 (taxonomy, Spain without exact locality).
Blapsidotes vicinus (GRAVENHORST, 1829): YU & HORSTMANN 1997a: 333 (world catalogue).
Blapsidotes vicinus (GRAVENHORST, 1829): BORDERA 1998: 281 (Spain).
Blapsidotes vicinus (GRAVENHORST, 1829): YU et al. 2016: STROBL (1903) not listed in distribution for Spain.
 **Hemiteles melanarius* (GRAVENHORST, 1829): SCHMIEDEKNECHT 1905 (In: SCHMIEDEKNECHT 1904-1906): 776 (key), 784 (key), 834 (taxonomy, description ♀ ♂, biology, Central Europe).
Hemiteles melanarius (GRAVENHORST, 1829): SCHMIEDEKNECHT 1908: 109 (world catalogue: whole Europe).
Hemiteles melanarius (GRAVENHORST, 1829): SCHMIEDEKNECHT 1933: 56 (key *H. cf. melanarius*), 76 (key).
Hemiteles melanarius (GRAVENHORST, 1829): CEBALLOS et al. 1956: 169 (catalogue Hymenoptera Spain: STROBL (1901) not listed).
Hemiteles melanarius (GRAVENHORST, 1829): YU et al. 2016: STROBL (1901) not listed in distribution for Spain.

***Megacara vagans* (GRAVENHORST, 1829)**

- Phygadeuon vagans* GRAVENHORST, 1829: STROBL 1901: 222 (taxonomy, Spain: Brincola).
Phygadeuon vagans GRAVENHORST, 1829: SCHMIEDEKNECHT 1905 (In: SCHMIEDEKNECHT 1904-1906): 674 (key ♀), 685 (key ♂), 703 (taxonomy, description ♀ ♂, whole Europe).
Phygadeuon (Phygadeuon) vagans GRAVENHORST, 1829: SCHMIEDEKNECHT 1908: 89 (world catalogue: North and Central Europe – Spain not mentioned).
Phygadeuon vagans GRAVENHORST, 1829: CEBALLOS et al. 1956: 168 (catalogue Hymenoptera Spain: STROBL (1901) not listed).
Megacara vagans (GRAVENHORST, 1829): YU & HORSTMANN 1997a: 375 (world catalogue: STROBL (1901) not listed).
Megacara vagans (GRAVENHORST, 1829): YU et al. 2016: STROBL (1901) not listed in distribution for Italy and Spain.

***Phygadeuon dubius* (GRAVENHORST, 1829)**

- Hemiteles dubius* GRAVENHORST, 1829: STROBL 1901: 240 (taxonomy, description ♂, Spain: Jativa).
Hemiteles dubius GRAVENHORST, 1829: SCHMIEDEKNECHT 1905 (In: SCHMIEDEKNECHT 1904-1906): 781 (key), 794 (key), 842 (taxonomy, description ♀ ♂ (STROBL 1901), Silesia = Poland – Spain not mentioned).
Hemiteles dubius GRAVENHORST, 1829: SCHMIEDEKNECHT 1908: 107 (world catalogue: Central Europe – Spain not mentioned).
Hemiteles dubius GRAVENHORST, 1829: CEBALLOS et al. 1956: 169 (not mentioned).
Phygadeuon dubius (GRAVENHORST, 1829): YU & HORSTMANN 1997a: 385 (world catalogue: STROBL (1901) not listed).
Phygadeuon dubius (GRAVENHORST, 1829): YU et al. 2016: STROBL (1901) not listed in distribution for Slovenia and Spain.

The only Spanish record. The identification should be checked.

***Thaumatogetelis vulpinus* (GRAVENHORST, 1815)**

Thaumatogetelis vulpinus (GRAVENHORST, 1815): SCHWARZ 2001: 1112 (key ♀), 1116 (taxonomy, description ♀ ♂, biology, no material from Spain examined), 1147 (fig. 1), 1154 (fig. 45).

**Pezomachus aquisgranensis* FÖRSTER, 1850: STROBL 1901: 247 (taxonomy, Spain: North Spain without exact locality).

Pezomachus aquisgranensis FÖRSTER, 1850: SCHMIEDEKNECHT 1906 (In: SCHMIEDEKNECHT 1904-1906): 886 (key ♀), 906 (key ♂), 910 (taxonomy, description ♀ ♂, Germany, Sweden – Spain not mentioned).

Pezomachus aquisgranensis FÖRSTER, 1850: SCHMIEDEKNECHT 1908: 117 (world catalogue: North and Central Europe – Spain not mentioned).

Thaumatogetelis aquisgranensis (FÖRSTER, 1850): CEBALLOS et al. 1956: 169 (not mentioned).

Pezomachus aquisgranensis FÖRSTER, 1850: YU & HORSTMANN 1997a: 398 (world catalogue: synonym, STROBL (1901) not listed).

Pezomachus aquisgranensis FÖRSTER, 1850: YU et al. 2016: STROBL (1901) not listed in distribution for Romania and Spain.

The only Spanish record. The identification should be checked.

***Trychosis legator* (THUNBERG, 1822)**

Trychosis legator (THUNBERG, 1822): ROSSEM 1966: 8 (key ♀, footnote 1: taxonomy), 9 (figs 10, 11 f. *plebeja*), 10 (key ♂), 24 (taxonomy, description ♀ ♂, widely distributed Palaearctic Region: Austria, Denmark, France, Greece (Corfu), Italy, Netherlands, Sweden and Tunisia), 25 (tab. 1: taxonomy), 26 (figs 16-20 f. *plebeja*, 21-25 f. *legator*; 26-28 f. *rustica*).

**Sobas plebeja* (TSCHEK, 1870): STROBL 1901: 191 (taxonomy, France: Cette = Sete).

Goniocryptus plebejus (TSCHEK, 1870): SCHMIEDEKNECHT 1906 (In: SCHMIEDEKNECHT 1904-1906): 483 (key ♀), 485 (key ♂ *G. plebejus* var.), 486 (key ♂), 489 (taxonomy, description ♀ ♂, whole Europe).

Goniocryptus plebejus (TSCHEK, 1870): SCHMIEDEKNECHT 1908: 34 (world catalogue: Central and South Europe).

Cryptus plebejus TSCHEK, 1870: YU & HORSTMANN 1997a: 293 (world catalogue).

Cryptus plebejus TSCHEK, 1870: YU et al. 2016: STROBL (1901) not listed in distribution for Croatia, France, Poland and Slovenia.

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Zusammenfassung

STROBL (1901, 1902, 1903, 1904) meldete 26 Arten aus Spanien und acht Arten aus Frankreich. Sie gehören zu den Unterfamilien Anomaloninae (eine Art aus Spanien), Campopleginae (15 Arten aus Spanien und fünf Arten aus Frankreich), Diplazontinae (zwei Arten aus Spanien und eine Art aus Frankreich), Ichneumoninae (eine Art aus Frankreich), Orthocentrinae (zwei Arten aus Spanien) und Phygadeuontinae (sechs Arten aus Spanien und eine Art aus Frankreich). Die Nachweise von 25 Arten aus Spanien und acht Arten aus Frankreich wurden bis jetzt übersehen. Seitdem wurden vier Arten in Spanien nicht mehr nachgewiesen: *Bathyplectes infernalis* (GRAVENHORST, 1820) (Campopleginae), *Plectiscidea integer* (FÖRSTER, 1871) (Orthocentrinae), *Phygadeuon dubius* (GRAVENHORST, 1829) und *Thaumatogetelis vulpinus* (GRAVENHORST, 1815) (beide Phygadeuontinae). *Campoplex melanostoma* (STROBL, 1904) (Campopleginae) und *Dichrogaster liostylus* (THOMSON, 1885) (Phygadeuontinae) wurden von der Artenliste der Ichneumonidae Österreichs gestrichen.

References

- BORDERA S. (1998): Fauna y distribución de Gelina ibéricos (Hym., Ichneumonidae). — *Fragmenta Entomologica* **30** (2): 279-293.
- CEBALLOS G., DUSMET Y ALONSO J.M. & J. DEL JUNCO Y REYES (1956): Catálogo de los Himenopteros de España. — *Trabajos del Instituto Español de Entomología* (Madrid): 554 pp, map.
- CHVÁLA M. (2014): The Types of Hymenoptera described by Pater Gabriel Strobl with a German Einleitung by ANDREAS STARK. — Admont (Benediktiner Stift Admont), 1-152.
- DILLER E. (1980): Klärung einiger Taxa der Gattung *Sussaba* CAMERON, 1980 (Hymenoptera, Ichneumonidae, Diplazontinae). — *Entomofauna* **1** (5): 58-64.
- HORSTMANN K. (1995): Typenrevision einiger Ichneumonidae aus der Sammlung Strobl (Hymenoptera). — *Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen* **47** (1-2): 31-35.
- KOLAROV J. (2008): A Catalogue of the (former) Yugoslavian Ichneumonidae (Hymenoptera, Insecta). — *Linzer biologische Beiträge* **40** (2): 1585-1739.
- MORGE G. (1974): P. Gabriel Strobl – Begründer des Naturhistorischen Museums des Stiftes Admont und sämtlicher derzeit vorhandener Kollektionen. — *Beiträge zur Entomologie* **24** (Sonderheft): 41-63.
- ROSSEM G. VAN (1966): A study of the genus *Trychosis* FOERSTER in Europe (Hymenoptera, Ichneumonidae, Cryptinae). — *Zoologische Verhandelingen* **79**: 40 pp.
- SCHMIEDEKNECHT O. (1904-1906): *Opuscula Ichneumonologica II*. Band (Fasc. VI-XIII). Cryptinae. — Blankenburg in Thüringen (Selbstverlag): 411-998.
- SCHMIEDEKNECHT O. (1908-1911): *Opuscula Ichneumonologica IV*. Band (Fasc. XVIII-XXIX.). Ophioninae — Blankenburg in Thüringen (Selbstverlag), 1407-2271.
- SCHMIEDEKNECHT O. (1928-1930): *Opuscula Entomologica Supplement Band I*. (Fasc. I-IX). Ichneumoninae. *Ichneumon*, *Amblyteles*, *Platylabus*. — Blankenburg in Thüringen (Selbstverlag), Fasc. **8**: 1-140.
- SCHNEE H. (2014): Anomaloninae aus Israel und Palästina mit Beschreibung einer neuen *Anomalon*-Art (Hymenoptera: Ichneumonidae). — *Entomologische Zeitschrift* **124** (2): 97-107.
- SCHWARZ M. (2001): Revision der westpaläarktischen Arten der Gattungen *Gelis* THUNBERG mit apteren Weibchen und *Thaumatogelis* SCHWARZ (Hymenoptera, Ichneumonidae). Teil 4. — *Linzer biologische Beiträge* **33** (2): 1111-1155.
- SCHWARZ M. (2002): Revision der westpaläarktischen Arten der Gattungen *Gelis* THUNBERG mit apteren Weibchen und *Thaumatogelis* SCHWARZ (Hymenoptera, Ichneumonidae). Teil 3. — *Linzer biologische Beiträge* **34** (2): 1293-1392.
- SHAW M.R., HORSTMANN K. & A.L. WHIFFIN (2016): Two hundred and twenty-five species of reared western Palaearctic Campopleginae (Hymenoptera: Ichneumonidae) in the National Museums of Scotland, with descriptions of new species of *Campoplex* and *Diadegma*, and records of fifty-five species new to Britain. — *The Entomologist's Gazette* **67**: 177-222.
- STROBL G. (1898): Spanische Dipteren I. Theil. — *Wiener Entomologische Zeitung* **17** (10): 294-302.
- STROBL G. (1901): Ichneumoniden Steiermarks (und der Nachbarländer). — *Mittheilungen des Naturwissenschaftlichen Vereines für Steiermark* **1900**: 132-257.
- STROBL G. (1902): Ichneumoniden Steiermarks (und der Nachbarländer). — *Mittheilungen des Naturwissenschaftlichen Vereines für Steiermark* **1901**: 3-48.
- STROBL G. (1903): Ichneumoniden Steiermarks (und der Nachbarländer). — *Mittheilungen des Naturwissenschaftlichen Vereines für Steiermark* **1902**: 3-100.
- STROBL G. (1904): Ichneumoniden Steiermarks (und der Nachbarländer). — *Mittheilungen des Naturwissenschaftlichen Vereines für Steiermark* **1903**: 43-160.

- SZÉPLIGETI Gy.V. (1911): Fam. Ichneumonidae Gruppe Mesochoroidae (Ophionidae part.) Subfam. Limnerinae, Mesochorinae, Adelognathinae, Plectiscinae, Banchinae, Neomesochorinae, Megacerinae und Paniscinae. — In: WYTSMAN, P. (ed.), *Genera Insectorum* **114**: 100 pp., 2 pls.
- YU D.S., ACHTERBERG C. VAN & K. HORSTMANN (2016): World Ichneumonoidea 2015. Taxonomy, Biology, Morphology and Distribution. — USB Flash Drive (Nepean, Canada).
- YU D.S. & K. HORSTMANN (1997a): A catalogue of World Ichneumonidae (Hymenoptera) Part 1: Subfamilies Acaenitinae to Ophioninae. — *Memoirs of the American Entomological Institute* **58** (1): VI + 763 pp.
- YU D.S. & K. HORSTMANN (1997b): A catalogue of World Ichneumonidae (Hymenoptera) Part 2: Subfamilies Orthocentrinae to Xoridinae. — *Memoirs of the American Entomological Institute* **58** (2): 764-1558.

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