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# ZOOTAXA

3929

## Catalog of Hymenoptera described by Giovanni Gribodo (1846–1924) (Insecta)

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FABIO PENATI & ALBERTO MARIOTTI

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## Abstract

Giovanni Gribodo (1846–1924) was an Italian civil engineer who described 377 new taxa of Hymenoptera, 199 of which are still valid and in use today, and proposed 6 replacement names. The present catalog provides a brief biography of Gribodo, a bibliography of his 42 publications and a complete list of the taxa proposed by Gribodo. The catalog lists, for all published names, details on the type series, type locality and collector, present status based on literature, all data labels, relevant references and remarks. A gazetteer of type-localities, a systematical list of Genus- and Species-group names, a chronological list of new names proposed by Giovanni Gribodo, with name-bearing types, and a list of Algerian species and varieties are also given. Furthermore, an unpublished manuscript by Gribodo on hymenopterological fauna of Tunisia, still kept at the Civic Museum of Natural History "Giacomo Doria" (Genoa, Italy), is described, and data on the 57 "new" taxa therein listed are reported, discussing their relevance in order to ascertain the original type series of 27 taxa validly published later. Finally, the problem posed by the enigmatic "disappearance" of a large number of Algerian types, already faced by several entomologists in the past, is analyzed, in order to prevent future mistaken designations of lectotypes and neotypes.

The following six nomenclatural acts are proposed here by R. Wahis: *Hemipepsis sycophanta* Gribodo, 1884 = *Hemipepsis bellicosa* (Smith, 1873) **new synonym**; *Anospilus sulcithorax* (Gribodo, 1924) **new combination**; *Auplopus validus* (Gribodo, 1884) **new combination**; *Dichragenia quartinae* (Gribodo, 1884) **new combination**; *Diplonyx caesar* (Gribodo, 1894) **new combination**; *Paracyphononyx melanicus* Gribodo, 1884 **status revalidated** (resurrected from synonymy with *Pompilus ruficrus* Klug, 1834).

The following four nomenclatural acts are proposed by F. Penati: *Parachrysis* Gribodo, 1879 [subgenus of *Chrysis* Linnaeus] = *Chrysis* Linnaeus, 1760 **new synonym**; *Psammotherma (Mutilla) quartinae* Gribodo, 1884 = *Psammotherma flabellata* (Fabricius, 1804) **new synonym**; *Megascolia (Regiscolia) alecto* (Smith, 1858) subspecies *vespillo* (Gribodo, 1893) **new combination**; *Megachile (Megachile) moutoni* Gribodo, 1894 **emended name**.

**Key words:** Argidae, Tenthredinidae, Stephanidae, Aulacidae, Braconidae, Ichneumonidae, Chrysididae, Ampulicidae, Crabronidae, Sphecidae, Andrenidae, Apidae, Colletidae, Halictidae, Megachilidae, Mutillidae, Pompilidae, Sapygidae, Scoliidae, Tiphiidae, Vespidae, Biography, Bibliography, Types, Algeria, Tunisia.

## Introduction

Giovanni Gribodo (1846–1924) was one of the most eminent Italian entomologist at the turn of the 19<sup>th</sup> and 20<sup>th</sup> centuries. His work significantly contributed to the improvement of knowledge on systematics of mostly Hymenoptera Aculeata (excluding Formicidae).

## References

- Agnoli, G.L. & Rosa, P. (2010) Chrysis.net website: Chrysidid systematics. Available from: <http://www.chrysis.net/chrysis/intro/taxon.htm> (accessed 2 September 2014)
- Aguiar, A.P. (2004) World catalog of the Stephanidae (Hymenoptera: Stephanoidea). *Zootaxa*, 753, 1–120.
- Alexander, B.A. & Schwarz, M. (1994) A catalog of the species of *Nomada* (Hymenoptera: Apoidea) of the world. *The University of Kansas Science Bulletin*, 55 (7), 239–270. Available from: [http://archive.org/stream/cbarchive\\_52146\\_catalognomadaoftheworld1902/catalognomadaoftheworld1902#page/n1/mode/2up](http://archive.org/stream/cbarchive_52146_catalognomadaoftheworld1902/catalognomadaoftheworld1902#page/n1/mode/2up) (accessed 2 September 2014)
- Allen, H.W. (1972) A monographic study of the subfamily Tiphiinae (Hymenoptera: Tiphiidae) of South America. *Smithsonian Contributions to Zoology*, 113, 1–76. Available from: <http://si-pddr.si.edu/jspui/handle/10088/5407> (accessed 2 September 2014)
- André, Ed. (1881–1886) *Species des Hyménoptères d'Europe & d'Algérie. Vol. 2. Les Fourmis. Les Guêpes*. Chez l'auteur, Beaune (Côte d'Or), 917 + 48 pp. [1–48: x.1881; 49–80: i.1882; 81–152: iv.1882; 153–232: vii.1882; 233–280: x.1882; 281–344: i.1883; 345–404: iv.1883; 405–548: x.1883; 549–628: i.1884; 629–831: x.1884; 832 to the end + Catalogue synonymique: vi.1886]. Available from: <http://archive.org/stream/speciesdeshymn02andr#page/n5/mode/2up> (accessed 2 September 2014)
- André, Ed. (1886–1891) *Species des Hyménoptères d'Europe & d'Algérie. Vol. 3. Les Sphégiens*. Chez l'auteur, Beaune (Côte d'Or), 340 + 30 pp. [1–104: i.vi.1886; 105–168: i.iv.1888; 169–248: 1888; 249–340: 1889; 1\*–24\* date unknown; 25\*–30\*: 1891]. Available from: <http://archive.org/stream/speciesdeshymno00andre#page/n0/mode/2up> (accessed 2 September 2014)
- André, Er. (1901) Matériaux pour servir à la connaissance des Mutillides d'Afrique. (Hym.) (Continuation). *Zeitschrift für systematische Hymenopterologie und Dipterologie*, 1 (6), 305–352. Available from: [http://archive.org/stream/cbarchive\\_39699\\_article1901/article1901#page/n11/mode/2up](http://archive.org/stream/cbarchive_39699_article1901/article1901#page/n11/mode/2up) (accessed 2 September 2014)
- André, Er. (1902 [“1903”]) Fam. Mutillidae. In: Wytzman, P. (Ed.), *Genera Insectorum. Fasc. 11*. Bruxelles, 77 pp. + 3 plates. Available from: <http://archive.org/stream/generainsectorum00wytz#page/n279/mode/2up> (accessed 6 December 2014)
- Antinori, O. (1881) La spedizione italiana in Africa. Giornale e illustrazione dei nuovi laghi fra gli Adda Galla. *Bollettino della Società geografica italiana*, 18, 585–597.
- Antropov, A.V. (1991) O taksonomicheskom statusе *Trypoxylon attenuatum* Smith, 1851 i blizkikh vidov royushchikh os (Hymenoptera, Sphecidae). *Entomologicheskoe Obozrenie*, 70 (3), 672–685. [English translation: Antropov, A.V. (1992) On taxonomic rank of *Trypoxylon attenuatum* Smith, 1851 (Hymenoptera, Sphecidae). *Entomological Review*, 71, 48–61]
- Arnold, G. (1932) The Psammocharidae (olim Pompilidae) of the Ethiopian Region. Part I. Subfamily Pepsinae. *Annals of the Transvaal Museum*, 14 (4), 284–396. Available from: <http://content.ajarchive.org/cdm4/document.php?CISOROOT=/00411752&CISOPTR=632&CISOSHOW=630> (accessed 2 September 2014)
- Arnold, G. (1934) Psammocharidae of the Ethiopian region. Part 3. *Annals of the Transvaal Museum*, 15 (3), 283–399. Available from: <http://content.ajarchive.org/cdm4/document.php?CISOROOT=/00411752&CISOPTR=603&REC=10> (accessed 2 September 2014)
- Arnold, G. (1936) The Psammocharidae of the Ethiopian region. Part VI. *Annals of the Transvaal Museum*, 18 (4), 415–460.
- Arnold, G. (1937) The Psammocharidae of the Ethiopian Region. Part VII. Subfamily Psammocharinae continued. *Annals of the Transvaal Museum*, 19 (1), 1–98. Available from: <http://content.ajarchive.org/cdm4/document.php?CISOROOT=/00411752&CISOPTR=514&REC=20> (accessed 2 September 2014)
- Ascher, J.S. & Pickering, J. (2014) Discover Life bee species guide and world checklist (Hymenoptera: Apoidea: Anthophila). Available from: [http://www.discoverlife.org/mp/20q?act=x\\_checklist&guide=Apoidea\\_species](http://www.discoverlife.org/mp/20q?act=x_checklist&guide=Apoidea_species) (accessed 9 February 2014)
- Ashmead, W.H. (1900) Classification of the fossorial, predaceous and parasitic wasps or the superfamily Vespoidea (Paper No. 1.). *The Canadian Entomologist*, 32 (5), 145–155. Available from: <http://www.mocavo.ca/The-Canadian-Entomologist-1900-Volume-32/964195/159> (accessed 5 September 2014)
- Ashmead, W.H. (1904) Descriptions of new genera and species of Hymenoptera from the Philippine Islands. *Proceedings of the U.S. National Museum*, 28 (1387), 127–158. Available from: [http://www.nhm.ac.uk/resources/research-curation/projects/chalcidoids/pdf\\_X/Ashmea904f.pdf](http://www.nhm.ac.uk/resources/research-curation/projects/chalcidoids/pdf_X/Ashmea904f.pdf) (accessed 2 September 2014)
- Barrera-Medina, R. (2011) Descripción de una nueva avispa alfarera del Norte Chico chileno, *Hypodynerus anae* n. sp. (Hymenoptera: Vespidae: Eumeninae). *Boletín de la Sociedad Entomológica Aragonesa*, 48, 157–162. Available [http://www.researchgate.net/publication/261657115\\_Descripcin\\_de\\_una\\_nueva\\_avispa\\_alfarera\\_del\\_norte\\_chico\\_chileno\\_Hypodynerus\\_ae\\_n\\_sp\\_%28Hymenoptera\\_Vespidae\\_Eumeninae%29\\_2011?ev=srch\\_pub](http://www.researchgate.net/publication/261657115_Descripcin_de_una_nueva_avispa_alfarera_del_norte_chico_chileno_Hypodynerus_ae_n_sp_%28Hymenoptera_Vespidae_Eumeninae%29_2011?ev=srch_pub) (accessed 2 September 2014)
- Beckmann, J. (1931) *Die katholische Missionsmethode in China in neuester Zeit (1842-1912)*. Verlag des Missionshauses Bethelhem, Immensee (Schweiz), xvi + 202 pp. Available from: [http://archive.org/details/MN41585ucmf\\_4](http://archive.org/details/MN41585ucmf_4) (accessed 2 September 2014)
- Beolens, B., Watkins, M. & Grayson, M. (2011) *The Eponym Dictionary of Reptiles*. Johns Hopkins University Press, Baltimore, 321 pp.
- Bequaert, J. (1931) The color forms of the common hornet, *Vespa crabro* Linnaeus. *Konowia*, 10, 101–109. Available from: [http://www.landmuseum.at/pdf\\_frei\\_remote/KON\\_10\\_0105-0113.pdf](http://www.landmuseum.at/pdf_frei_remote/KON_10_0105-0113.pdf) (accessed 2 September 2014)
- Bequaert, J. (1941) *Pseudodynerus*, a Neotropical complex of Eumenine wasps (Hymenoptera, Vespidae). *American Museum*

- Novitates*, 1106, 1–10. Available from: <http://digitallibrary.amnh.org/dspace/handle/2246/4717> (accessed 27 September 2014)
- Betrem, J.G. (1928) Monographie der indo-australischen Scoliiden (Hym. Acul.) mit zoogeographischen Betrachtungen. *Treubia*, 9 suppl., 1–388.
- Betrem, J.G. (1972) The African Campsomerinae (Hymenoptera, Scoliidae). *Monografieën van de Nederlandse Entomologische Vereniging*, 6, 1–326.
- Betrem, J.G. & Bradley, J.C. (1964a) Annotations on the genera *Triscolia*, *Megascolia* and *Scolia* (Hymenoptera, Scoliidae). *Zoologische Mededelingen*, 39 (24), 433–444. Available from: <http://www.repository.naturalis.nl/document/149949> (accessed 27 September 2014)
- Betrem, J.G. & Bradley, J.C. (1964b) Annotations on the Genera *Triscolia*, *Megascolia* and *Scolia* (Hymenoptera, Scoliidae) (second part). *Zoologische Mededelingen*, 40 (11), 89–96. Available from: <http://www.repository.naturalis.nl/document/149288> (accessed 27 September 2014)
- Bingham, C.T. (1897) *The fauna of British India including Ceylon and Burma: Hymenoptera, I. Wasps and Bees*. Taylor and Francis, London, xxix + 579 pp. Available from: <http://archive.org/details/TheFaunaOfBritishIndiaVol1> (accessed 7 December 2014)
- Bischoff, H. (1920–1921) Monographie der Mutillidaen Afrikas. *Archiv für Naturgeschichte*, Abteilung A, 86 (1–3) & 86 (4–5), 1–480 & 481–830. [1920–1921]. Available from: <http://www.biodiversitylibrary.org/item/47752#page/9/mode/1up> (accessed 27 September 2014)
- Bluthgen, P. (1939) Beiträge zur Kenntnis der paläarktischen und einiger äthiopischer Faltenwespen (Hym. Vespidae). *Veröffentlichungen aus dem Deutschen Kolonial- und Übersee-Museum in Bremen*, 2, 233–267.
- Bohart, R.M. (1962) A review of the hexadentate species of *Chrysis* of America North of Mexico (Hymenoptera, Chrysididae). *Acta Hymenopterologica*, 1 (4), 361–375.
- Bohart, R.M. & Menke, A.S. (1976) *Sphecid wasps of the world: a generic revision*. University of California Press, Berkeley, ix + 695 pp. Available from: [http://books.google.it/books/about/Sphecid\\_wasps\\_of\\_the\\_world.html?id=FEExMjuRhjIC&redir\\_esc=y](http://books.google.it/books/about/Sphecid_wasps_of_the_world.html?id=FEExMjuRhjIC&redir_esc=y) (accessed 27 September 2014)
- Boni Bartalucci, M. (2012) European Myzininae (Hymenoptera: Tiphiidae). *Onychium*, 9, 121–191.
- Bradley, J.C. (1958) Synonymy in the Oriental species of the subgenus *Microscolia* Betrem (Hymenoptera: Scoliidae). *The Pan-Pacific Entomologist*, 34 (2), 101–103.
- Bradley, J.C. (1973) The types of Scoliidae described by G. Gribodo, G. Mantero, or P. Magretti and contained in the Museo Civico di Storia Naturale, Genova. *Annali del Museo civico di Storia naturale "G. Doria"*, 79, 277–290. Available from: <http://www.archive.org/stream/annalidelmu7879197073muse#page/276/mode/2up> (accessed 27 September 2014)
- Brooks, R.W. (1988) Systematics and phylogeny of the anthophorine bees (Hymenoptera: Anthophoridae; Anthophorini). *The University of Kansas Science Bulletin*, 53 (9), 436–575. Available from: <http://archive.org/stream/universityofkans53univ#page/n475/mode/2up> (accessed 10 July 2014)
- Brothers, D.J. & Carpenter, J.M. (1993) Phylogeny of Aculeata: Chryridoidea and Vespoidea. *Journal of Hymenoptera Research*, 2 (1), 227–304. Available from: [http://www.archive.org/stream/ants\\_13285/13285#page/n0/mode/2up](http://www.archive.org/stream/ants_13285/13285#page/n0/mode/2up) (accessed 27 September 2014)
- Brothers, D.J. & Fynnmore, A.T. (1993) Superfamily Vespoidea. In: Goulet, H. & Huber, J. (Eds.), *Hymenoptera of the World: an identification guide to families*. Research Branch, Agriculture Canada, Ottawa, pp. 161–278.
- Brown, R.E. (1906) A catalogue of Philippine Hymenoptera, with description of new species. *The Philippine Journal of Science*, 1 (6), 683–695. Available from: [http://archive.org/stream/cbarchive\\_104887\\_catalogueofphilippinehymenopte1906/catalogueofphilippinehymenopte1906#page/n1/mode/2up](http://archive.org/stream/cbarchive_104887_catalogueofphilippinehymenopte1906/catalogueofphilippinehymenopte1906#page/n1/mode/2up) (accessed 27 September 2014)
- Butselaar, J. van (1985) *Africains, missionnaires et colonialistes: Les origines de l'Église Presbytérienne du Mozambique (Mission Suisse), 1880–1896*. Brill Academic Publishers, Leiden, 230 pp. Available from: [http://books.google.com/books/about/Africains\\_missionnaires\\_et\\_colonialistes.html?id=ThT85nCMXhAC](http://books.google.com/books/about/Africains_missionnaires_et_colonialistes.html?id=ThT85nCMXhAC) (accessed 27 September 2014)
- Camargo, J.M.F. & Pedro, S.R.M. (2008a) Meliponini Lepeletier, 1836. In: Moure, J.S., Urban, D. & Melo, G.A.R. (Eds.), *Catalogue of Bees (Hymenoptera, Apoidea) in the Neotropical Region - online version*. Available from: <http://www.moure.cria.org.br/catalogue> (accessed 27 September 2014)
- Camargo, J.M.F. & Pedro, S.R.M. (2008b) Revisão das espécies de *Melipona* do grupo *fuliginosa* (Hymenoptera, Apoidea, Apidae, Meliponini). *Revista Brasileira de Entomologia*, 52 (3), 411–427. <http://dx.doi.org/10.1590/S0085-56262008000300014>
- Camerano, L. (1895) Description d'une nouvelle espèce de Gordien de la Chine. *Bulletin de la Société Zoologique de France*, 20, 99–100. Available from: <http://biostor.org/reference/103342> (accessed 27 September 2014)
- Capra, F. (1964) Le collezioni entomologiche del Museo Civico di Storia Naturale «G. Doria» di Genova. *Atti dell'Accademia nazionale italiana di Entomologia, Rendiconti*, 11 (1963), 35–57.
- Carpenter, J.M. (1986) A synonymic generic checklist of the Eumeninae (Hymenoptera: Vespidae). *Psyche*, 93, 61–90. <http://dx.doi.org/10.1155/1986/12489>
- Carpenter, J.M. (1999) Taxonomic notes on paper wasps (Hymenoptera: Vespidae; Polistinae). *American Museum Novitates*, 3259, 1–44. Available from: <http://digitallibrary.amnh.org/dspace/handle/2246/3095> (accessed 27 September 2014)
- Carpenter, J.M., Gusenleitner, J. & Madl, M. (2009) A catalogue of the Eumeninae (Hymenoptera: Vespidae) of the Ethiopian Region excluding Malagasy Subregion. Part I: Introduction, Key to Genera, Genera *Aethiopicodynerus* Gusenleitner 1997

- to *Cyrtolabulus* van der Vecht 1969. *Linzer Biologische Beiträge*, 41 (1), 513–638. Available from: [http://www.landmuseum.at/pdf\\_frei\\_remote/LBB\\_0041\\_1\\_0513-0638.pdf](http://www.landmuseum.at/pdf_frei_remote/LBB_0041_1_0513-0638.pdf) (accessed 27 September 2014)
- Carpenter, J.M., Gusenleitner, J. & Madl, M. (2010a) A catalogue of the Eumeninae (Hymenoptera: Vespidae) of the Ethiopian Region excluding Malagasy Subregion. Part II: Genera *Delta* de Saussure 1885 to *Zethus* Fabricius 1804 and Species Incertae Sedis. *Linzer Biologische Beiträge*, 42 (1), 95–315. Available from: [http://www.landmuseum.at/pdf\\_frei\\_remote/LBB\\_0042\\_1\\_0095-0315.pdf](http://www.landmuseum.at/pdf_frei_remote/LBB_0042_1_0095-0315.pdf) (accessed 27 September 2014)
- Carpenter, J.M., Gusenleitner, J. & Madl, M. (2010b) A catalogue of the Eumeninae (Hymenoptera: Vespidae) of the Ethiopian Region excluding Malagasy Subregion. Part III: Classification, Additions, Corrections and Index. *Linzer Biologische Beiträge*, 42 (2), 919–1004. Available from: [http://www.landmuseum.at/pdf\\_frei\\_remote/LBB\\_0042\\_2\\_0919-1004.pdf](http://www.landmuseum.at/pdf_frei_remote/LBB_0042_2_0919-1004.pdf) (accessed 27 September 2014)
- Carpenter, J.M. & Kojima, J. (1997) Checklist of the species in the subfamily Vespinae (Insecta: Hymenoptera: Vespidae). *Natural History Bulletin of Ibaraki University*, 1, 51–92. Available from: [http://research.amnh.org/iz/f/Carpenter\\_Kojima\\_1997\\_ves.pdf](http://research.amnh.org/iz/f/Carpenter_Kojima_1997_ves.pdf) (accessed 27 September 2014)
- Carpenter, J.M. & Wenzel, J.W. (1990) Synonymy of the genera *Protopolybia* and *Pseudochartergus* (Hymenoptera: Vespidae; Polistinae). *Psyche*, 96 (1989), 177–186. <http://dx.doi.org/10.1155/1989/82471>
- Castro, L. (2003) Notas sobre véspidos solitarios (Hymenoptera: Vespoidea: Eumeninae). *Boletín de la Sociedad Entomológica Aragonesa*, 32, 181–183. Available from: [http://www.sea-entomologia.org/PDF/BOLETIN\\_32/B32-031-181.pdf](http://www.sea-entomologia.org/PDF/BOLETIN_32/B32-031-181.pdf) (accessed 27 September 2014)
- Conci, C. & Poggi, R. (1996) Iconography of Italian entomologists, with essential biographical data. *Memorie della Società entomologica italiana*, 75, 159–382.
- Consociazione Turistica Italiana (1938) *Guida dell’Africa Orientale Italiana*. C.T.I., Milano, 640 pp.
- Dalla Torre, C.G. de (1894) *Catalogus Hymenopterorum hucusque descriptorum systematicus et synonymicus. Vol. IX. Vespidae (Diploptera)*. G. Engelmann, Lipsiae [= Leipzig], viii + 181 pp. Available from: <http://www.archive.org/details/catalogushymenop09dalla> (accessed 27 September 2014)
- Dalla Torre, C.G. de (1896) *Catalogus Hymenopterorum hucusque descriptorum systematicus et synonymicus. Vol. X. Apidae (Anthophila)*. G. Engelmann, Lipsiae [= Leipzig], viii + 643 pp. Available from: <http://archive.org/details/catalogushymen010dall> (accessed 27 September 2014)
- Dalla Torre, C.G. de (1897) *Catalogus Hymenopterorum hucusque descriptorum systematicus et synonymicus. Vol. VIII. Fossores (Sphegidae)*. G. Engelmann, Lipsiae [= Leipzig], viii + 749 pp. Available from: <http://www.archive.org/details/catalogushymenop08dalla> (accessed 27 September 2014)
- De Andrade, N.F. (1954) Palaearctic *Miscophus* of the *gallicus* group (Hymenoptera, Sphecidae). *Memórias e Estudos do Museu Zoológico da Universidade de Coimbra*, 226, 1–87.
- De Beaumont, J. (1950) Notes sur quelques Sphecidae nord-africains décrits par G. Gribodo. *Annali del Museo civico di Storia naturale “G. Doria”*, 64, 261–267. Available from: <http://www.archive.org/stream/annalidelmu6465194952muse#page/n273/mode/2up> (accessed 27 September 2014)
- De Beaumont, J. (1960) Sphecidae (Hym.) récoltés en Tripolitaine et en Cyrénaïque par M. Kenneth M. Guichard. *Bulletin of the British Museum (Natural History) Entomology*, 9 (3), 221–251. Available from: <http://archive.org/stream/bulletinofnatura09entolond#page/n275/mode/2up> (accessed 27 September 2014)
- Debesse, A. & Carré, A. (1912) Xavier Mouton, Jésuite missionnaire. G. Beauchesne, Paris, 266 pp.
- Dollfuss, H. (2013) Revision of the wasp genus *Ammophila* Kirby 1798 (Hymenoptera: Apoidea: Sphecidae) of the Palearctic Region and India. *Linzer Biologische Beiträge*, 45 (1), 383–564.
- Durante, S., Abrahamovich, A.H. & Lucia, M. (2006) El subgénero *Megachile* (*Dasymegachile*) Mitchell con especial referencia a las especies argentinas (Hymenoptera: Megachilidae). *Neotropical Entomology*, 35 (6), 791–802. <http://dx.doi.org/10.1590/S1519-566X2006000600012>
- Dusmet y Alonso, J.M. (1926) Los Ápidos de España. VII. Géneros *Eucera* Scop. y *Tetralonia* Spin. *Memorias de la Real Sociedad Española de Historia Natural*, 13 (2), 83–201.
- Eardley, C.D. (1983) A taxonomic revision of the genus *Xylocopa* Latreille (Hymenoptera: Anthophoridae) in southern Africa. *Entomology Memoir of Department of Agriculture of the Republic of South Africa*, 58, i–iii + 1–67.
- Eardley, C.D. (2004) Taxonomic revision of the African stingless bees (Apoidea: Apidae: Meliponini). *African Plant Protection*, 10 (2), 63–96. Available from: [http://www.zoologie.umh.ac.be/hymenoptera/biblio/eardley2004\\_3234.pdf](http://www.zoologie.umh.ac.be/hymenoptera/biblio/eardley2004_3234.pdf) (accessed 27 September 2014)
- Eardley, C.D. & Brooks, R.W. (1989) The genus *Anthophora* Latreille in southern Africa (Hymenoptera: Anthophoridae). *Entomology Memoir of Department of Agriculture and Water Supply of the Republic of South Africa*, 76, 1–55.
- Eardley, C. & Urban, R. (2010) Catalogue of Afrotropical bees (Hymenoptera: Apoidea: Apiformes). *Zootaxa*, 2455, 1–548.
- Ebmer, A.W. (1976) *Halictus* und *Lasioglossum* aus Marokko. *Linzer Biologische Beiträge*, 8 (1), 205–266. Available from: [http://www.landmuseum.at/pdf\\_frei\\_remote/LBB\\_0008\\_1\\_0205-0266.pdf](http://www.landmuseum.at/pdf_frei_remote/LBB_0008_1_0205-0266.pdf) (accessed 27 September 2014)
- Elliott, M.G. (2011) Annotated catalogue of the Australian Scoliidae (Hymenoptera). *Technical Reports of the Australian Museum Online*, 22, 1–17. <http://dx.doi.org/10.3853/j.1835-4211.22.2011.1562>
- ETH (2013) Applied Entomology Group: Insect Collection, Types. Swiss Federal Institute of Technology, Zurich. Available

- from: <http://www.em.ipw.agr.ethz.ch/insects/types> (accessed 27 September 2014)
- Evans, H.E. (1966) A revision of the Mexican and Central American spider wasps of the subfamily Pompilinae (Hymenoptera: Pompilidae). *Memoirs of the American Entomological Society*, 20, 1–442 + 11 plates. Available from: [http://www.forgottenbooks.com/readbook/Memoirs\\_of\\_the\\_American\\_Entomological\\_Society\\_v20\\_1000702966#1](http://www.forgottenbooks.com/readbook/Memoirs_of_the_American_Entomological_Society_v20_1000702966#1) (accessed 5 September 2014)
- Fabricius, J.C. (1804) *Systema Piezatorum secundum ordines, genera, species; adjectis synonymis, locis, observationibus, descriptionibus*. Carolus Reichard, Brunsvigae (= Braunschweig), pp. xiv + 15–440 + 30 pp. Available from: <http://archive.org/details/systemapiezatoru00fabr> (accessed 6 December 2014)
- Forsius, R. (1933) On some Ethiopian Tenthredinoidea belonging to Museo Civico at Genoa. *Annali del Museo civico di Storia naturale "G. Doria"*, 56, 298–302. Available from: <http://archive.org/stream/annalidelmu5657193235muse#page/298/mode/2up> (accessed 27 September 2014)
- Giordani Soika, A. (1934) Monografia degli *Odynerus* etiopici (Parte prima). *Annali del Museo civico di Storia naturale "G. Doria"*, 57, 23–83. Available from: <http://www.archive.org/stream/annalidelmu5657193235muse#page/22/mode/2up> (accessed 27 September 2014)
- Giordani Soika, A. (1937) Monografia degli *Odynerus* etiopici (Parte seconda). *Annali del Museo civico di Storia naturale "G. Doria"*, 59, 297–362. Available from: <http://www.archive.org/stream/annalidelmu59193537muse#page/296/mode/2up> (accessed 27 September 2014)
- Giordani Soika, A. (1941) Studi sui vespidi solitari. *Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale*, 2 (3), 130–279.
- Giordani Soika, A. (1965) Notulae vespilogicae - XXIII. Descrizione di tre nuovi Eumenidi dell’Africa occidentale. *Bollettino della Società Entomologica Italiana*, 95 (3–4), 46–51.
- Giordani Soika, A. (1979) Revisione delle specie etiopiche e malgascse della sottofamiglia Discoeliinae (Hym.). *Bollettino del Museo civico di Storia naturale di Venezia*, 30, 19–65.
- Giordani Soika, A. (1989) Eumenidi raccolti nell’Africa occidentale, Camerun e Gabon da A. Pauly (Hymenoptera: Vespoidea, Eumenidae). *Notes fauniques de Gembloux*, 20, 23–67.
- Giordani Soika, A. (1994) Ricerche sistematiche su alcuni generi di Eumenidi della regione orientale e della Papuaia (Hymenoptera, Vespoidea). *Annali del Museo civico di Storia naturale "G. Doria"*, 90, 1–348. Available from: <http://www.archive.org/stream/annalidelmu90199496muse#page/n9/mode/2up> (accessed 27 September 2014)
- Gribodo, G. (1873–1924b) see chapter “Gribodo bibliography”.
- Guérin-Ménéville, F.E. (1831) Crustacés, arachnides et insectes. In: Duperrey, L.I. (Ed.), Voyage autour du monde, exécuté par ordre du Roi sur la corvette de sa majesté, La Coquille, pendant les années 1822, 1823, 1824 et 1825 etc.. *Zoologie, t. 2, partie I*. Arthus Bertrand, Paris.
- Guiglia, D. (1931) I tipi di *Ctenoplectra* del Museo Civico di Storia Naturale di Genova. Revisione delle diagnosi originali. *Annali del Museo civico di Storia naturale "G. Doria"*, 55, 168–175. Available from: <http://www.archive.org/stream/annalidelmu55193032muse#page/168/mode/2up> (accessed 27 September 2014)
- Guiglia, D. (1933a) Spedizione scientifica all’Oasi di Cufra (marzo-luglio 1931). Imenotteri aculeati. (II Parte). Apidae. *Annali del Museo civico di Storia naturale "G. Doria"*, 56, 130–142. Available from: <http://archive.org/stream/annalidelmu5657193235muse#page/n143/mode/2up> (accessed 27 September 2014)
- Guiglia, D. (1933b) Su tre specie d’Imenotteri della Cirenaica e su due casi di omonimia. *Annali del Museo civico di Storia naturale "G. Doria"*, 56, 358–366. Available from: <http://www.archive.org/stream/annalidelmu5657193235muse#page/358/mode/2up> (accessed 27 September 2014)
- Guiglia, D. (1934a) Sphegidae. In: Zavattari, E. (Ed.), *Prodromo della fauna della Libia*. Tipografia già Cooperativa, Pavia, pp. 290–307.
- Guiglia, D. (1934b) Psammocharidae. In: Zavattari, E. (Ed.), *Prodromo della fauna della Libia*. Tipografia già Cooperativa, Pavia, pp. 307–312.
- Guiglia, D. (1934c) Eumenidae. In: Zavattari, E. (Ed.), *Prodromo della fauna della Libia*. Tipografia già Cooperativa, Pavia, pp. 324–329.
- Guiglia, D. (1934d) Apidae. In: Zavattari, E. (Ed.), *Prodromo della fauna della Libia*. Tipografia già Cooperativa, Pavia, pp. 329–365.
- Guiglia, D. (1937) Imenotteri Aculeati raccolti in Cirenaica dal Cav. Giorgio Krüger. *Memorie della Società entomologica italiana*, 15 (2), 184–193. [1936]
- Guiglia, D. (1941) Imenotteri Aculeati raccolti in Libia da G. Krüger (Vespidae, Pompilidae). *Annali del Museo civico di Storia naturale "G. Doria"*, 61, 159–175. Available from: <http://www.archive.org/stream/annalidelmu6061193843muse#page/158/mode/2up> (accessed 27 September 2014)
- Guiglia, D. (1948a) Appunti su due specie di Ammofile del Nord Africa. *Bollettino della Società entomologica italiana*, 78, 32.
- Guiglia, D. (1948b) I tipi di Imenotteri del Guérin esistenti nelle Collezioni del Museo di Genova. *Annali del Museo civico di Storia naturale "G. Doria"*, 63, 175–191. Available from: <http://archive.org/stream/annalidelmu6263194549muse#page/174/mode/2up> (accessed 23 September 2014)
- Guiglia, D. (1950) Missione biologica Sagan-Omo diretta dal Prof. Edoardo Zavattari. Hymenoptera Tenthredinidae, Scoliidae, Pompilidae, Sphecidae. *Annali del Museo civico di Storia naturale "G. Doria"*, 64, 207–260. Available from: <http://www.archive.org/stream/annalidelmu6465194952muse#page/n219/mode/2up> (accessed 27 September 2014)

- Guiglia, D. (1958) Osservazioni su specie del genere *Myzine*. *Doriana*, 2 (84), 1–7.
- Guiglia, D. (1959) Contributo alla conoscenza delle Myzininae del Nord Africa (Hymenoptera: Tiphidae). *Annali del Museo civico di Storia naturale "G. Doria"*, 71, 1–26. Available from: <http://www.archive.org/stream/annalidemu7071195860muse#page/n503/mode/2up> (accessed 27 September 2014)
- Guiglia, D. (1968) Tentativo di un catalogo sulle Myzininae paleartiche (Hymenoptera: Tiphidae). *Annali del Museo civico di Storia naturale "G. Doria"*, 77, 278–303. Available from: <http://www.archive.org/stream/annalidemu7677196669muse#page/278/mode/2up> (accessed 27 September 2014)
- Gusenleitner, F. & Schwarz, M. (2002) Weltweite Checkliste der Bienengattung *Andrena*: mit Bemerkungen und Ergänzungen zu paläarktischen Arten (Hymenoptera, Apidae, Andreninae, *Andrena*). *Entomofauna*, Supplement 12, 1–1280.
- Gusenleitner, J. (1993) Bestimmungstabellen mittel- und südeuropäischer Eumeniden (Vespoidea, Hymenoptera) Teil 1: Die Gattung *Leptochilus* Saussure 1852. *Linzer biologischen Beiträge*, 25 (2), 745–769. Available from: [http://www.landmuseum.at/pdf\\_frei\\_remote/LBB\\_0025\\_2\\_0745-0769.pdf](http://www.landmuseum.at/pdf_frei_remote/LBB_0025_2_0745-0769.pdf) (accessed 27 September 2014)
- Gusenleitner, J. (1994) Die *Odynerus*-Arten Nordafrikas (Hymenoptera, Vespoidea, Eumenidae). *Linzer biologischen Beiträge*, 26 (1), 289–306. Available from: [http://www.landmuseum.at/pdf\\_frei\\_remote/LBB\\_0026\\_1\\_0289-0306.pdf](http://www.landmuseum.at/pdf_frei_remote/LBB_0026_1_0289-0306.pdf) (accessed 27 September 2014)
- Gusenleitner, J. (2004) Vespidae. In: Mitroiu, M.D. (Ed) (2012) Fauna Europaea: Hymenoptera, Vespoidea. Fauna Europaea version 2.5. Available from: <http://www.faunaeur.org> (accessed 27 September 2014)
- Gusenleitner, J. (2007) Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera, Vespidae, Eumeninae). *Linzer biologischen Beiträge*, 39 (1), 83–95. Available from: [http://www.landmuseum.at/pdf\\_frei\\_remote/LBB\\_0039\\_1\\_0083-0095.pdf](http://www.landmuseum.at/pdf_frei_remote/LBB_0039_1_0083-0095.pdf) (accessed 27 September 2014)
- Gusenleitner, J. (2011) ZOBODAT: Zoological-Botanical Database (Vespoidea) (version 4.0, Oct 2011). In: Bisby, F., Roskov, Y., Culham, A., Orrell, T., Nicolson, D., Paglinawan, L., Bailly, N., Appeltans, W., Kirk, P., Bourgoin, T., Baillargeon, G. & Ouvrard, D. (Eds.), Species 2000 & ITIS Catalogue of Life. Species 2000, Reading, UK. Available from: <http://www.catalogueoflife.org/col> (accessed 20 February 2014)
- Gusenleitner, J. (2013) Die Gattungen der Eumeninae im Nahen Osten, in Nordafrika und in Arabien (Hymenoptera: Vespidae: Eumeninae). *Linzer biologischen Beiträge*, 45 (1), 5–107.
- Handlirsch, A. (1889) Monographie der mit *Nysson* und *Bembex* verwandten Grabwespen. IV. *Sitzungsberichte der Mathematisch-Naturwissenschaftliche Classe der Kaiserlichen Akademie der Wissenschaften. Abtheilung I*, 98 (1–10), 440–517. Available from: <http://www.archive.org/stream/sitzungsbericht981889kais#page/440/mode/2up> (accessed 27 September 2014)
- Handlirsch, A. (1892) Monographie der mit *Nysson* und *Bembex* verwandten Grabwespen. VI. *Sitzungsberichte der Mathematisch-Naturwissenschaftliche Classe der Kaiserlichen Akademie der Wissenschaften. Abtheilung I*, 101 (1–10), 25–205. Available from: <http://www.biodiversitylibrary.org/item/110046#page/47/mode/1up> (accessed 27 September 2014)
- Harris, A.C. (1987) *Pompilidae (Insecta: Hymenoptera)*. *Fauna of New Zealand 12*. Science Information Publishing Centre DSIR, Wellington, 160 pp. Available from: [http://www.landcareresearch.co.nz/\\_data/assets/pdf\\_file/0019/26272/FNZ12Harris1987.pdf](http://www.landcareresearch.co.nz/_data/assets/pdf_file/0019/26272/FNZ12Harris1987.pdf) (accessed 27 September 2014)
- Haupt, H. (1962) The Pompilidae of Israel. *Bulletin of the Research Council of Israel section B*, 11, 3–71.
- Hedicke, H. (1933) Beiträge zur Synonymie der Apiden (Hym.). II. *Mitteilungen der Deutschen Entomologischen Gesellschaft*, 4, 42–46.
- Hensen, R.V. (1988) Revision of the nominate subgenus *Chalybion* Dahlbom (Hymenoptera, Sphecidae). *Tijdschrift voor Entomologie*, 131, 13–64. Available from: <http://archive.org/stream/tijdschriftvoore1988nede#page/12/mode/2up> (accessed 27 September 2014)
- Hensen, R.V. (1991) Review of Malesian Sphecina (Hymenoptera, Sphecidae, Sphecinae). *Tijdschrift voor Entomologie*, 134, 9–30. Available from: <http://archive.org/stream/tijdschriftvoore1991nede#page/8/mode/2up> (accessed 27 September 2014)
- Horn, W., Kahle, I., Friese, G. & Gaedike, R. (1990) *Collectiones entomologicae. Ein Kompendium über den Verbleib entomologischer Sammlungen der Welt bis 1960. Teil I & II*. Akademie der Landwirtschaftswissenschaften der Deutschen Demokratischen Republik, Berlin, A bis K, pp. 1–220 & L bis Z, pp. 221–573.
- Horstmann, K. (2003) Revisionen von Schlupfwespen-Arten VII (Hymenoptera: Ichneumonidae). *Mitteilungen der Münchner Entomologischen Gesellschaft*, 93, 25–37. Available from: <http://archive.org/stream/mitteilungenderm932003mn#page/24/mode/2up> (accessed 27 September 2014)
- Hurd, P.D. Jr. (1967) The identity of *Megachile rotundata* (Fabricius) and *M. argentata* (Fabricius) (Hymenoptera: Apoidea). *Entomologische Meddelelser*, 35, 1–10.
- Hurd, P.D. Jr. & Linsley, E.G. (1976) The bee family Oxaeidae with a revision of the North American species (Hymenoptera: Apoidea). *Smithsonian Contributions to Zoology*, 220, 1–75. <http://dx.doi.org/10.5479/si.00810282.220>
- Hurd, P.D. Jr. (1979) Superfamily Apoidea. In: Krombein, K.V., Hurd, P.D. Jr., Smith, D.R., & Burks, B.D. (Eds.), *Catalog of Hymenoptera in America North of Mexico. Vol.2. Apocrita (Aculeata)*. Smithsonian Institution Press, Washington, pp. 1741–2209. Available from: <http://archive.org/details/catalogofhymenop02krom> (accessed 27 September 2014)
- International Commission on Zoological Nomenclature (ICZN) (1999) *International Code of Zoological Nomenclature. Fourth*



- Edition*. International Trust for Zoological Nomenclature, London, online version. Available from: <http://www.nhm.ac.uk/hosted-sites/iczn/code/> (accessed 27 September 2014)
- Invrea, F. (1926 [“1925”]) Giovanni Gribodo. *Memorie della Società entomologica italiana*, 4 (2), 223–228.
- Invrea, F. (1934) Chrysididae. In: Zavattari, E. (Ed.), *Prodromo della fauna della Libia*. Tipografia già Cooperativa, Pavia, pp. 267–273.
- Invrea, F. (1940) Osservazioni sinonimiche su *Dasylabroides hylaeus* (Grib.) (Hymen. Mutillidae). *Bollettino della Società entomologica italiana*, 72 (9), 140–141.
- ISO (International Organization for Standardization) (2013) ISO 3166-1. Online collection : Country code, version 2.2.0. International Organization for Standardization, Geneva, Switzerland. Available from: <http://www.iso.org/obp/ui/#search> (accessed 11 June 2014)
- Jennings, J.T. (2013) Names List for *Cosila* Guérin-Méneville, 1838. Australian Faunal Directory. Australian Biological Resources Study, Canberra. Available from: <http://www.environment.gov.au/biodiversity/abrs/online-resources/fauna/afd/taxa/Cosila/names> (accessed 7 December 2014)
- Johnson, N.F. (2007) Hymenoptera Name Server version 1.5. Ohio State University, Columbus, Ohio. Available from: [http://osuc.biosci.ohio-state.edu/hymDB/nomenclator.home\\_page](http://osuc.biosci.ohio-state.edu/hymDB/nomenclator.home_page) (accessed 27 September 2014)
- Kaartinen, R. & Quicke, D.L.J. (2007) A revision of the parasitic wasp genus *Bathyaulax* Szépligeti (Hymenoptera: Braconidae: Braconinae) from Africa and the Arabian Peninsula. *Journal of Natural History*, 41 (1–4), 125–212. Available from: [http://www.helsinki.fi/~ihanski/Articles\\_by\\_othersJ%20Nat%20Hist%202008%20Kaartinen%20&%20Quickle.pdf](http://www.helsinki.fi/~ihanski/Articles_by_othersJ%20Nat%20Hist%202008%20Kaartinen%20&%20Quickle.pdf) (accessed 1 July 2014)
- Kimsey, L.S. (1986) New species of the American genus *Adelphes* Mocsary (Hymenoptera, Chrysididae). *Insecta Mundi*, 1 (4), 197–205. Available from: <http://journals.fcla.edu/mundi/article/view/24595/23926> (accessed 27 September 2014)
- Kimsey, L.S. (1991) Relationships among the tephritid wasp subfamilies (Hymenoptera). *Systematic Entomology*, 16 (4), 427–438.
- Kimsey, L.S. & Bohart, R.M. (1980) A synopsis of the Chrysidid genera of Neotropical America (Chrysoidea, Hymenoptera). *Psyche*, 87, 75–92. <http://dx.doi.org/10.1155/1980/21857>
- Kimsey, L.S. & Bohart, R.M. (1991 [“1990”]) *The Chrysidid Wasps of the World*. Oxford University Press, Oxford-New York, ix + 652 pp.
- Klug, F. (1834) Pars zoologica. Insecta. In: Ehrenberg, C.G. (Ed.), 1829–1845. *Symbolae physicae, seu icones et descriptiones corporum naturalium novorum aut minus cognitorum, etc.*, December, pp. i–v, plates 1–50.
- Koch, F. (2006) The Symphyta of the Ethiopian Region. Genus *Athalia* Leach, 1817 - *Athalia Vollenhoveni*-group (Hymenoptera: Tenthredinidae: Allantinae). In: Blank, S.M., Schmidt, S. & Taeger, A. (Eds.), *Recent sawfly research: synthesis and prospects*. Goecke & Evers, Keltern, pp. 297–318.
- Koch, F. & Goergen, G. (2008) Annotations to the Palearctic sawfly genus *Pseudarge* Gussakovskij, 1935 gen. rev. with a contribution to the genus *Arge* Schrank, 1802 in the Afrotropical region (Hymenoptera: Symphyta: Argidae: Arginae). *Mitteilungen der Münchner Entomologischen Gesellschaft*, 98, 43–57. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/MittMuenchEntGes\\_098\\_0043-0057.pdf](http://www.landesmuseum.at/pdf_frei_remote/MittMuenchEntGes_098_0043-0057.pdf) (accessed 27 September 2014)
- Kohl, F.F. (1894) Zur Hymenopterenfauna Afrikas. *Annalen des k.k. Naturhistorischen Hofmuseums*, 9 (3–4), 279–350. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/ANNA\\_9\\_0279-0350.pdf](http://www.landesmuseum.at/pdf_frei_remote/ANNA_9_0279-0350.pdf) (accessed 27 September 2014)
- Kojima, J. (1997) Abandonment of the subgeneric concept in the Old World polistine genus *Ropalidia* Guérin-Méneville, 1831 (Insecta: Hymenoptera: Vespidae). *Natural History Bulletin of Ibaraki University*, 1, 93–106.
- Kojima, J. (2001) Taxonomic notes on types of the social wasp tribe Ropalidiini (Insecta: Hymenoptera; Vespidae, Polistinae) housed mainly in the Muséum d’Histoire Naturelle, Genève. *Natural History Bulletin of Ibaraki University*, 5, 1–22.
- Kojima, J. & Carpenter, J.M. (1997) Catalog of species in the polistine tribe Ropalidiini (Hymenoptera: Vespidae). *American Museum Novitates*, 3199, 1–96. Available from: <http://digitalibrary.amnh.org/dspace/handle/2246/3597> (accessed 27 September 2014)
- Kojima, J. & Carpenter, J.M. (1998) The type of *Icaria xanthura* de Saussure, 1854, a species of the Neotropical polistine genus *Charterginus* Fox, with a note on development of the “parategula” in *Charterginus* (Hymenoptera: Vespidae). *Entomological Science*, 1 (3), 417–421. Available from: <http://ci.nii.ac.jp/naid/110003374530> (accessed 27 September 2014)
- Kojima, J., Lambert, K., Nguyen, L.T.P. & Saito, F. (2007) Taxonomic notes on the paper wasps of the genus *Ropalidia* in the Indian subcontinent (Hymenoptera: Vespidae). *Entomological Science*, 10, 373–393. <http://dx.doi.org/10.1111/j.1479-8298.2007.00237.x>
- Krombein, K.V. (1979). Superfamily Bethyloidea. In: Krombein, K.V., Hurd, P.D. Jr., Smith D.R., & Burks, B.D. (Eds.) *h Catalog of Hymenoptera in America North of Mexico. Vol.2. Apocrita (Aculeata)*. Smithsonian Institution Press, Washington, pp. 1203–1251. Available from: <http://archive.org/details/catalogofhymenop02krom> (accessed 27 September 2014)
- Kurzenko, N.V. & Gusenleitner, J. (1994) Sapygidae from Turkey, with a key to palaeartic species of Sapyginae (Hymenoptera). *Linzer Biologische Beiträge*, 26 (2), 583–632. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/LBB\\_0026\\_2\\_0583-0632.pdf](http://www.landesmuseum.at/pdf_frei_remote/LBB_0026_2_0583-0632.pdf) (accessed 7 December 2014)
- Latreille, P.A. (1802) *Histoire naturelle des fourmis, et recueil de mémoires et d'observations sur les abeilles, les araignées, les*

- faucheurs, et autres insectes*. Chez T. Barrois, Paris, xvi + 445 pp., 12 plates. Available from: <http://www.biodiversitylibrary.org/item/42738#page/7/mode/1up> (accessed 6 December 2014)
- Latreille, P.A. (1809) *Genera crustaceorum et insectorum secundum ordinem naturalem in familias disposita, iconibus exemplisque plurimis explicata. Tomus quartus et ultimus*. A. Koenig, Parisiis et Argentorati (= Paris and Strasbourg), 399 pp. Available from: <http://archive.org/details/CUBiodiversity1222445-9617> (accessed 6 December 2014)
- Lelej, A.S. (2002) *Catalogue of the Mutillidae (Hymenoptera) of the Palaearctic region*. Dalnauka, Vladivostok, 171 pp. Available from: <http://archive.org/stream/LelejA.S.CatalogueOfTheMutillidaehymenopteraOfThePalaearctic/Palaearctic#page/n0/mode/2up> (accessed 27 September 2014)
- Lelej, A.S. (2005) *Catalogue of the Mutillidae (Hymenoptera) of the Oriental region*. Dalnauka, Vladivostok, 252 pp. Available from: <http://archive.org/stream/LelejA.S.CatalogueOfTheMutillidaehymenopteraOfTheOrientalRegion/Oriental#page/n0/mode/2up> (accessed 27 September 2014)
- Lelej, A.S. & Nemkov, P.G. (1997) Phylogeny, evolution and classification of Mutillidae (Hymenoptera). *Far Eastern entomologist*, 46, 1–24. Available from: <http://www.biosoil.ru/fee/1997/N-046/N-046.pdf> (accessed 27 September 2014)
- Lelej, A.S. & van Harten, A. (2006) A review of the Mutillidae (Hymenoptera) of Yemen. *Zootaxa*, 1226, 1–50. Available from: <http://www.mapress.com/zootaxa/2006f/z01226p050f.pdf> (accessed 27 September 2014)
- Lieftinck, M.A. (1956) Revision of some Oriental Anthophorine Bees of the genus *Amegilla* Friese (Hymenoptera, Apoidea). *Zoologische Verhandelingen*, 30 (1), 1–41. Available from: <http://www.repository.naturalis.nl/document/149009> (accessed 27 September 2014)
- Lieftinck, M.A. (1959) Revision of the Indo-Australian species of the genus *Thyreus* Panzer (= *Crocisa* Jurine) (Hym., Apoidea, Anthophoridae). Part 2. *Thyreus nitidulus* (Fabricius). *Nova Guinea, New Series*, 10 (1), 99–130.
- Lieftinck, M.A. (1962) Revision of the Indo-Australian species of the genus *Thyreus* Panzer (= *Crocisa* Jurine) (Hym., Apoidea, Anthophoridae) Part 3. Oriental and Australian species. *Zoologische Verhandelingen*, 53 (1), 1–212. Available from: <http://www.repository.naturalis.nl/document/148876> (accessed 27 September 2014)
- Lieftinck, M.A. (1980) Prodrôme to a monograph of the Palaearctic species of the genus *Melecta* Latreille 1802 (Hymenoptera, Anthophoridae). *Tijdschrift voor Entomologie*, 123 (6), 129–349. Available from: <http://archive.org/stream/tijdschriftvoore1231980nede#page/n167/mode/2up> (accessed 27 September 2014)
- Lindahl, B. (2008) Local history in Ethiopia. The Nordic Africa Institute, Uppsala. Available from: [http://www.nai.uu.se/library/resources/dossiers/local\\_history\\_of\\_ethiopia](http://www.nai.uu.se/library/resources/dossiers/local_history_of_ethiopia) (accessed 27 September 2014)
- Linnaeus, C. (1760 [“1761”]) *Fauna Suecica sistens animalia Sveciae regni: Mammalia, Aves, Amphibia, Pisces, Insecta, Vermes. Distributa per classes & ordines, genera & species, cum differentiis specierum, synonymis auctorum, nominibus incolarum, locis natalium, descriptionibus insectorum. Editio altera, auctior*. Laurentii Salvii, Stockholmiae [= Stockholm]. [48] +578 pp. [dating after Evenhuis, N.L. (1997) *Litteratura taxonomica dipterorum (1758–1930)*. Backhuys, Leiden, 2 volumes, 870 pp.]
- Linsenmaier, W. (1997) Altes und Neues von den Chrysididen (Hymenoptera, Chrysididae). *Entomofauna*, 18 (19), 245–300. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/ENT\\_0018\\_0245-0299.pdf](http://www.landesmuseum.at/pdf_frei_remote/ENT_0018_0245-0299.pdf) (accessed 14 June 2014)
- Loktionov, V.M. & Lelej, A.S. (2014) *Spider wasps (Hymenoptera: Pompilidae) of the Russian Far East*. Dalnauka, Vladivostok, 472 pp. [in Russian]. Available from: [http://www.antvid.org/PDF/2014\\_Loktionov\\_Lelej\\_Pompilidae\\_1\\_472.pdf](http://www.antvid.org/PDF/2014_Loktionov_Lelej_Pompilidae_1_472.pdf) (accessed 7 December 2014)
- Lucas, H. (1849) *Exploration scientifique de l'Algérie pendant les années 1840, 1841 et 1842 publiée par ordre du gouvernement et avec le concours d'une commission académique, Sciences physiques, Zoologie, III. Histoire naturelle des animaux articulés, 3. Insectes*. Imprimerie Nationale, Paris, 527 pp. & *Zoology, IV. Histoire Naturelle des Animaux Articulés, Atlas*. Imprimerie Nationale, Paris, 122 plates. Available from: [http://books.google.it/books?id=AeMuPexuyrgC&printsec=frontcover&hl=it&source=gbs\\_ge\\_summary\\_r&cad=0#v=onepage&q&f=false](http://books.google.it/books?id=AeMuPexuyrgC&printsec=frontcover&hl=it&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false) (accessed 27 September 2014)
- Maa, T.C. (1968) A revision of type specimens of Xylocopine Bees in the Genova Museum collection. *Annali del Museo civico di Storia naturale “G. Doria”*, 77, 103–114. Available from: <http://www.archive.org/stream/annalidemu7677196669muse#page/102/mode/2up> (accessed 27 September 2014)
- Magretti, P. (1884) Risultati di raccolte imenotterologiche nell’Africa orientale. *Annali del Museo civico di Storia naturale di Genova*, 21, 523–636. Available from: <http://archive.org/stream/annalidelmuseoci21211884muse#page/522/mode/2up> (accessed 27 September 2014)
- Magretti, P. (1892) Viaggio di Leonardo Fea in Birmania e regioni vicine. XLIII. Imenotteri. Parte prima. Mutillidei, Scoliidei, Tiffidei, Tinnidei colla descrizione di parecchie nuove specie. *Annali del Museo civico di Storia naturale di Genova*, 32, 197–266. Available from: <http://archive.org/stream/annalidelmuseoci322121892muse#page/196/mode/2up> (accessed 27 September 2014)
- Michener, C.D. (1975) A taxonomic study of African allodapine bees (Hymenoptera, Anthophoridae, Ceratinini). *Bulletin of the American Museum of Natural History*, 155 (2), 67–240. Available from: <http://hdl.handle.net/2246/611> (accessed 27 September 2014)
- Michener, C.D. (2007) *The Bees of the World. Second Edition*. Johns Hopkins University Press, Baltimore, 953 pp.
- Moure, J.S. (1960) Abelhas da região neotropical descritas por G. Gribodo (Hymenoptera-Apoidea). *Boletim da Universidade Federal do Paraná - Zoologia*, 1 (1), 1–18.
- Moure, J.S. (1961) A preliminary supra-specific classification of the Old World Meliponine bees (Hymenoptera, Apoidea).

*Studia Entomologica*, 4 (1–4), 181–242.

- Moure, J.S. (2008) Augochlorini Beebe, 1925. *In*: Moure, J.S., Urban, D. & Melo, G.A.R. (Eds.), Catalogue of Bees (Hymenoptera, Apoidea) in the Neotropical Region - online version. Available from: <http://www.moure.cria.org.br/catalogue> (accessed 27 September 2014)
- Moure, J.S. & Melo, G.A.R. (2008a) Bombini Latreille, 1802. *In*: Moure, J.S., Urban, D. & Melo, G.A.R. (Eds.), Catalogue of Bees (Hymenoptera, Apoidea) in the Neotropical Region - online version. Available from: <http://www.moure.cria.org.br/catalogue> (accessed 27 September 2014)
- Moure, J.S. & Melo, G.A.R. (2008b) Ericrocidini Cockerell & Atkins, 1902. *In*: Moure, J.S., Urban, D. & Melo, G.A.R. (Eds.), Catalogue of Bees (Hymenoptera, Apoidea) in the Neotropical Region - online version. Available from: <http://www.moure.cria.org.br/catalogue> (accessed 27 September 2014)
- Moure, J.S., Melo, G.A.R. & DalMolin, A. (2008) Megachilini Latreille, 1802. *In*: Moure, J.S., Urban, D. & Melo, G.A.R. (Eds.), Catalogue of Bees (Hymenoptera, Apoidea) in the Neotropical Region - online version. Available from: <http://www.moure.cria.org.br/catalogue> (accessed 27 September 2014)
- Moure, J.S., Melo, G.A.R. & Faria, L.R.R. Jr. (2008) Euglossini Latreille, 1802. *In*: Moure, J.S., Urban, D. & Melo, G.A.R. (Eds.), Catalogue of Bees (Hymenoptera, Apoidea) in the Neotropical Region - online version. Available from: <http://www.moure.cria.org.br/catalogue> (accessed 27 September 2014)
- Moure, J.S., Melo, G.A.R. & Vivallo, F. (2008) Centridini Cockerell & Cockerell, 1901. *In*: Moure, J.S., Urban, D. & Melo, G.A.R. (Eds.), Catalogue of Bees (Hymenoptera, Apoidea) in the Neotropical Region - online version. Available from: <http://www.moure.cria.org.br/catalogue> (accessed 27 September 2014)
- Müller, A. (Ed.) (2013) Palaearctic Osmiine Bees. Systematics and biology of a fascinating group of solitary bees. ETH Zürich, Entomological Collection. Available from: <http://blogs.ethz.ch/osmiini/> (accessed 27 September 2014)
- Mussa, E. (1933) Giovanni Gribodo. *Torino - Rassegna mensile della città*, 13 (7), 46–48. Available from: <http://www.museotorino.it/resources/pdf/books/522/files/assets/downloads/page0783.pdf> (accessed 4 September 2014)
- Natural History Museum London (2005) Entomology collection database. Available from: <http://www.nhm.ac.uk/research-curation/collections/departamental-collections/entomology-collections/search/index.php> (accessed 27 September 2014)
- Nemésio, A. & Rasmussen, C. (2011) Nomenclatural issues in the orchid bees (Hymenoptera: Apidae: Euglossina) and an updated catalogue. *Zootaxa*, 3006, 1–42. Available from: <http://www.mapress.com/zootaxa/2011/f/z03006p042f.pdf> (accessed 27 September 2014)
- Nguyen, L.T.P., Kojima, J., Saito, F. & Carpenter, J.M. (2006) Vespidae (Hymenoptera) of Vietnam 3: Synoptic key to the Vietnamese species of the polistine genus *Ropalidia*, with notes on taxonomy and distribution. *Entomological Science*, 9, 93–107. Available from: [http://www.academia.edu/1159598/Vespidae\\_Hymenoptera\\_Vietnam\\_3\\_Synoptic\\_key\\_to\\_the\\_Vietnamese\\_species\\_of\\_the\\_polistine\\_genus\\_Ropalidia\\_with\\_notes\\_on\\_taxonomy\\_and\\_distribution](http://www.academia.edu/1159598/Vespidae_Hymenoptera_Vietnam_3_Synoptic_key_to_the_Vietnamese_species_of_the_polistine_genus_Ropalidia_with_notes_on_taxonomy_and_distribution) (accessed 27 September 2014)
- Nonveiller, G. (1979 [“1978”]) Recherches sur les Mutillidés de l’Afrique (Hymenoptera, Mutillidae). VIII. Révision des genres *Ctenotilla*, *Cephalotilla* et *Pseudocephalotilla* sensu Bischoff. *Posebna Izdanja Institut za Zashtitu Bilja [Memoirs of the Institute for Plant Protection Beograd]*, 13, 1–185.
- Nugroho, H., Kojima, J. & Carpenter, J.M. (2011) Checklist of vespidae species (Insecta: Hymenoptera: Vespidae) occurring in Indonesian Archipelago, with notes on type material deposited in the Museum Zoologicum Bogoriense. *Treubia*, 38, 71–186. Available from: [http://www.academia.edu/1415509/Checklist\\_of\\_vespid\\_species\\_Insecta\\_Hymenoptera\\_Vespidae\\_occurring\\_in\\_Indonesian\\_Archipelago](http://www.academia.edu/1415509/Checklist_of_vespid_species_Insecta_Hymenoptera_Vespidae_occurring_in_Indonesian_Archipelago) (accessed 27 September 2014)
- Nylander, W. (1848) Adnotationes in expositionem monographicam Apum borealium. *Notiser ur Sällskapetets pro Fauna et Flora Fennica Förhandlingar*, 1, 165–282. Available from: <http://www.biodiversitylibrary.org/bibliography/66897#summary> (accessed 6 December 2014)
- Oberthür, C. (1880) Spedizione Italiana nell’Africa equatoriale. Risultati zoologici. I. Lepidotteri. *Annali del Museo civico di Storia naturale di Genova*, 15, 143–187. Available from: <http://www.archive.org/stream/annalidelmuseoci15187980muse/page/n155/mode/2up> (accessed 27 September 2014)
- Oberthür, C. (1883) Spedizione Italiana nell’Africa equatoriale. Risultati zoologici. II. Lepidotteri. Parte seconda. *Annali del Museo civico di Storia naturale di Genova*, 18, 709–740. Available from: <http://www.archive.org/stream/annalidelmuseoci18188283muse/page/708/mode/2up> (accessed 27 September 2014)
- Olson, D.M., Dinerstein, E., Wikramanayake, E.D., Burgess, N.D., Powell, G.V.N., Underwood, E.C., D’Amico, J.A., Itous, I., Strand, H.E., Morrison, J.C., Loucks, C.J., Allnutt, T.F., Ricketts, T.H., Kura, Y., Lamoreux, J.F., Wettengel, W.W., Hedao, P. & Kassem, K.R. (2001) Terrestrial Ecoregions of the World: A New Map of Life on Earth. *BioScience*, 51 (11), 933–938. Available from: <http://wolfweb.unr.edu/~ldyer/classes/396/olsonetal.pdf> (accessed 28 May 2014)
- Ornosa, C., Ortiz-Sánchez, F.J. & Torres, F. (2007) Catálogo de los Megachilidae del Mediterráneo occidental (Hymenoptera, Apoidea). II. Lithurgini y Megachilini. *Graellsia*, 63 (1), 111–134. <http://dx.doi.org/10.3989/graellsia.2007.v63.i1.85>
- Ornosa, C., Ortiz-Sánchez, F.J. & Torres, F. (2008) Catálogo de los Megachilidae del Mediterráneo occidental (Hymenoptera, Apoidea). III. Anthidiini y Dioxyini. *Graellsia*, 64 (1), 61–86. <http://dx.doi.org/10.3989/graellsia.2008.v64.i1.55>
- Ornosa, C., Torres, F. & Ortiz-Sánchez, F.J. (2006) Catálogo de los Megachilidae del Mediterráneo occidental (Hymenoptera, Apoidea). I. Osmiini. *Graellsia*, 62 (2), 223–260.

<http://dx.doi.org/10.3989/graellsia.2006.v62.i2.68>

- Osten, T. (2005) Checkliste der Dolchwespen der Welt (Insecta: Hymenoptera, Scoliidae). *Bericht der Naturforschenden Gesellschaft Augsburg*, 62, 1–62.
- Pagliano, G. (1990) Catalogo degli Imenotteri italiani. II. Sphecidae. *Bollettino del Museo Regionale di Scienze Naturali di Torino*, 8 (1), 53–141.
- Patiny, S. (1999) Révision des Panurginae ouest-paléarctiques n'appartenant pas à la tribu des Melitturgini Michener, 1944. Partie 1: *Panurgus* Panzer, 1806 et *Camptopoeum* Spinola, 1843 (Hymenoptera, Andrenidae). *Entomofauna*, 20 (19), 309–328. Available from: [http://www.landmuseum.at/pdf\\_frei\\_remote/ENT\\_20\\_0309-0327](http://www.landmuseum.at/pdf_frei_remote/ENT_20_0309-0327) (accessed 27 September 2014)
- Patiny, S. (2003) Contemporary distributions of *Panurginus* species and subspecies in Europe (Apoidea: Andrenidae: Panurginae). In: Reemer, M., van Helsdingen, P.J. & Kleukers, R.M.J.C. (Eds.), *Proceedings of the 13<sup>th</sup> International Colloquium of the European Invertebrate Survey, Leiden, 2-5 September 2001*. EIS-Nederland, Leiden, pp. 115–121. Available from: <http://www.repository.naturalis.nl/document/46402> (accessed 15 June 2014)
- Patiny, S. (2014) Panurginae catalogue. Available from: <http://sites.google.com/site/patinys/Home/panurginae-catalogue> (accessed 22 March 2014)
- Pauly, A. (1990) Classification des Nomiinae africains (Hymenoptera Apoidea Halictidae). *Annalen. Reeks in 8° - Koninklijk Museum voor Midden-Afrika. Zoologische wetenschappen*, 261, 1–206.
- Pauly, A. (2009) Classification des Nomiinae de la Région Orientale, de Nouvelle-Guinée et des îles de l'Océan Pacifique (Hymenoptera: Apoidea: Halictidae). *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Entomologie*, 79, 151–229. Available from: [http://www.atlashymenoptera.net/biblio/Pauly 2009 Oriental Nomiinae light.pdf](http://www.atlashymenoptera.net/biblio/Pauly%2009%20Oriental%20Nomiinae%20light.pdf) (accessed 27 September 2014)
- Pauly, A. (2011a) *Allodape* d'Afrique. In: Rasmont, P. & Haubruge, E. (Eds.), *Atlas Hymenoptera*. Laboratoire de Zoologie de l'Université de Mons and Unité d'Entomologie fonctionnelle et évolutive de la Gembloux Agro Bio Tech, Mons and Gembloux, Belgium. Available from: <http://zoologie.umh.ac.be/hymenoptera/page.asp?id=139> (accessed 27 September 2014)
- Pauly, A. (2011b) *Chalicodoma* d'Afrique. In: Rasmont, P. & Haubruge, E. (Eds.), *Atlas Hymenoptera*. Laboratoire de Zoologie de l'Université de Mons and Unité d'Entomologie fonctionnelle et évolutive de la Gembloux Agro Bio Tech, Mons and Gembloux, Belgium. Available from: <http://zoologie.umh.ac.be/hymenoptera/page.asp?id=76> (accessed 27 September 2014)
- Pauly, A. (2011c) *Xylocopa* d'Afrique. In: Rasmont, P. & Haubruge, E. (Eds.), *Atlas Hymenoptera*. Laboratoire de Zoologie de l'Université de Mons and Unité d'Entomologie fonctionnelle et évolutive de la Gembloux Agro Bio Tech, Mons and Gembloux, Belgium. Available from: <http://zoologie.umh.ac.be/hymenoptera/page.asp?id=84> (accessed 27 September 2014)
- Pauly, A. (2011d) Genus *Crociaspidia*. In: Rasmont, P. & Haubruge, E. (Eds.), *Atlas Hymenoptera*. Laboratoire de Zoologie de l'Université de Mons and Unité d'Entomologie fonctionnelle et évolutive de la Gembloux Agro Bio Tech, Mons and Gembloux, Belgium. Available from: <http://zoologie.umh.ac.be/hymenoptera/page.asp?id=81> (accessed 27 September 2014)
- Pauly, A. (2011e) Genus *Hoplonomia*. In: Rasmont, P. & Haubruge, E. (Eds.), *Atlas Hymenoptera*. Laboratoire de Zoologie de l'Université de Mons and Unité d'Entomologie fonctionnelle et évolutive de la Gembloux Agro Bio Tech, Mons and Gembloux, Belgium. Available from: <http://zoologie.umh.ac.be/hymenoptera/page.asp?id=133> (accessed 27 September 2014)
- Pauly, A. (2011f) Genus *Lipotriches*. In: Rasmont, P. & Haubruge, E. (Eds.), *Atlas Hymenoptera*. Laboratoire de Zoologie de l'Université de Mons and Unité d'Entomologie fonctionnelle et évolutive de la Gembloux Agro Bio Tech, Mons and Gembloux, Belgium. Available from: <http://zoologie.umh.ac.be/hymenoptera/page.asp?id=91> (accessed 27 September 2014)
- Pauly, A. (2011g) Genus *Maculonomia*. In: Rasmont, P. & Haubruge, E. (Eds.), *Atlas Hymenoptera*. Laboratoire de Zoologie de l'Université de Mons and Unité d'Entomologie fonctionnelle et évolutive de la Gembloux Agro Bio Tech, Mons and Gembloux, Belgium. Available from: <http://zoologie.umh.ac.be/hymenoptera/page.asp?id=134> (accessed 27 September 2014)
- Pauly, A. (2011h) Genus *Pseudapis*. In: Rasmont, P. & Haubruge, E. (Eds.), *Atlas Hymenoptera*. Laboratoire de Zoologie de l'Université de Mons and Unité d'Entomologie fonctionnelle et évolutive de la Gembloux Agro Bio Tech, Mons and Gembloux, Belgium. Available from: <http://zoologie.umh.ac.be/hymenoptera/page.asp?id=83> (accessed 27 September 2014)
- Pauly, A. (2011i) Genus *Sphecodes*. In: Rasmont, P. & Haubruge, E. (Eds.), *Atlas Hymenoptera*. Laboratoire de Zoologie de l'Université de Mons and Unité d'Entomologie fonctionnelle et évolutive de la Gembloux Agro Bio Tech, Mons and Gembloux, Belgium. Available from: <http://zoologie.umh.ac.be/hymenoptera/page.asp?id=162> (accessed 27 September 2014)
- Pauly, A. (2011j) Genus *Steganomus*. In: Rasmont, P. & Haubruge, E. (Eds.), *Atlas Hymenoptera*. Laboratoire de Zoologie de l'Université de Mons and Unité d'Entomologie fonctionnelle et évolutive de la Gembloux Agro Bio Tech, Mons and Gembloux, Belgium. Available from: <http://zoologie.umh.ac.be/hymenoptera/page.asp?id=117> (accessed 27 September 2014)

- Pauly, A. & Vereecken, N.J. (2011) Meliponinae d'Afrique. In: Rasmont, P. & Haubruge, E. (Eds.), *Atlas Hymenoptera*. Laboratoire de Zoologie de l'Université de Mons and Unité d'Entomologie fonctionnelle et évolutive de la Gembloux Agro Bio Tech, Mons and Gembloux, Belgium. Available from: <http://zoologie.umh.ac.be/hymenoptera/page.asp?ID=121> (accessed 27 September 2014)
- Penati, F. & Olmi, M. (2011) Catalogue of Dryinidae, Embolemidae and Sclerogibbidae of the Museo civico di Storia naturale "Giacomo Doria" (Insecta, Hymenoptera, Chrysidoidea). *Annali del Museo civico di Storia naturale "G. Doria"*, 103, 71–92.
- Pérez, J. (1895) *Espèces nouvelles de Mellifères de Barbarie (Diagnoses préliminaires)*. G. Gounouilhou, Bordeaux, 64 pp.
- Pesenko, Y.A. (1997) Nomenclatural and bibliographic corrections to A. PAULY'S monograph on African Nomiinae (Hymenoptera, Halictidae). *Entomofauna*, 18 (29), 477–508. Available from: [http://81.10.184.26:9001/pdf/ENT\\_18\\_0477-0506.pdf](http://81.10.184.26:9001/pdf/ENT_18_0477-0506.pdf) (accessed 27 September 2014)
- Pitts, J., von Dohlen, C.D. & Wasbauer, M.S. (2010) The Pompilid Project. Utah State University, Logan, Utah. Available from: <http://www.usu.edu/pompilidweb/default.htm> (accessed 2 September 2014)
- Poggi, R. (2008) Le date di stampa dei periodici editi dalla Società Entomologica Italiana dal 1869 al 2007. *Memorie della Società entomologica italiana*, 87, 157–188. <http://dx.doi.org/10.4081/memorieSEI.2008.157>
- Poggi, R. (2010) Gli «Annali» pubblicati dal Museo Civico di Storia Naturale "G. Doria" di Genova: storia del periodico ed indici generali dei primi cento volumi (1870-2009). *Annali del Museo civico di Storia naturale "G. Doria"*, 101, 1–529.
- Poggi, R. & Conci, C. (1996) Elenco delle collezioni entomologiche conservate nelle strutture pubbliche italiane. *Memorie della Società entomologica italiana*, 75, 3–157.
- Polaszek, A. (2004) Apidae. In: Mitroiu, M.D. (Ed.), (2012) Fauna Europaea: Hymenoptera, Apoidea. Fauna Europaea version 2.5. Available from: <http://www.faunaeur.org> (accessed 27 September 2014)
- Poole, R.W. & Gentili, P. (Eds.) (1996) *Nomina Insecta Nearctica: a check list of the insects of North America. Vol.2. Hymenoptera, Mecoptera, Megaloptera, Neuroptera, Raphidioptera, Trichoptera*. Entomological Information Services, Rockville, 793 pp. Available from: <http://www.nearctica.com/nomina/pdfs/volume2/volume2.htm> (accessed 27 September 2014)
- Pulawski, W.J. (2013a) Family-Group Names and Classification. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Family\\_group\\_names\\_and\\_classification.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Family_group_names_and_classification.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2013b) Catalog of Genera and Species. *Eremochares*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Eremochares.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Eremochares.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2013c) Catalog of Genera and Species. *Palmodes*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Palmodes.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Palmodes.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2013d) Catalog of Genera and Species. *Sphecius*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Sphecius.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Sphecius.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014a) Catalog of Genera and Species. *Nysson*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Nysson.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Nysson.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014b) Catalog of Genera and Species. *Chalybion*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Chalybion.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Chalybion.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014c) Catalog of Genera and Species. *Chlorion*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Chlorion.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Chlorion.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014d) Catalog of Genera and Species. *Ampulex*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Ampulex.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Ampulex.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014e) Catalog of Genera and Species. *Bembix*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: <http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/>

- Genera\_and\_species\_pdf/Bembix.pdf (accessed 30 January 2014)
- Pulawski, W.J. (2014f) Catalog of Genera and Species. *Hoplisoides*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Hoplisoides.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Hoplisoides.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014g) Catalog of Genera and Species. *Liris*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Liris.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Liris.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014h) Catalog of Genera and Species. *Philanthus*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Philanthus.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Philanthus.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014i) Catalog of Genera and Species. *Prionyx*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Prionyx.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Prionyx.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014j) Catalog of Genera and Species. *Stizus*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Stizus.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Stizus.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014k) Catalog of Genera and Species. *Tracheliodes*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Tracheliodes.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Tracheliodes.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014l) Catalog of Genera and Species. *Entomognathus*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Entomognathus.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Entomognathus.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014m) Catalog of Genera and Species. *Miscophus*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Miscophus.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Miscophus.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014n) Catalog of Genera and Species. *Ectemnius*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Ectemnius.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Ectemnius.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014o) Catalog of Genera and Species. *Sceliphron*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Sceliphron.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Sceliphron.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014p) Catalog of Genera and Species. *Cerceris*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Cerceris.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Cerceris.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014q) Catalog of Genera and Species. *Ammophila*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Ammophila.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Ammophila.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014r) Catalog of Genera and Species. *Crabro*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Crabro.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Crabro.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014s) Catalog of Genera and Species. *Diodontus*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Diodontus.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Diodontus.pdf) (accessed 30 January 2014)
- Pulawski, W.J. (2014t) Catalog of Genera and Species. *Sphex*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Sphex.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Sphex.pdf) (accessed 30 January 2014)

- Pulawski, W.J. (2014u) Catalog of Genera and Species. *Trypoxylon*. In: Catalog of Sphecidae sensu lato (= Apoidea excluding Apidae). California Academy of Sciences, Institute for Biodiversity Science and Sustainability, San Francisco, California. Available from: [http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera\\_and\\_species\\_pdf/Trypoxylon.pdf](http://research.calacademy.org/sites/research.calacademy.org/files/Departments/ent/sphecidae/Genera_and_species_pdf/Trypoxylon.pdf) (accessed 30 January 2014)
- Rasmont, P., Ebmer, P.A., Banaszak, J. & van der Zanden, G. (1995) Hymenoptera Apoidea Gallica. Liste taxonomique des abeilles de France, de Belgique, de Suisse et du Grand-Duché de Luxembourg. *Bulletin de la Société entomologique de France*, 100 (Hors Série), 1–98. Available from: [http://zoologie.umh.ac.be/hymenoptera/biblio/Rasmont\\_et\\_al\\_1995\\_Apoidea\\_Gallica.pdf](http://zoologie.umh.ac.be/hymenoptera/biblio/Rasmont_et_al_1995_Apoidea_Gallica.pdf) (accessed 10 July 2014)
- Rasmussen, C. (2008) Catalog of the Indo-Malayan/Australasian stingless bees (Hymenoptera: Apidae: Meliponini). *Zootaxa*, 1935, 1–80.
- Rasmussen, C. (2012) Joseph Vachal (1838–1911): French entomologist and politician. *Zootaxa*, 3442, 1–52.
- Rasmussen, C. & Asenjo, A. (2009) A checklist to the wasps of Peru (Hymenoptera, Aculeata). *ZooKeys*, 15, 1–78. Available from: <http://zookeys.pensoft.net/articles.php?id=2007> (accessed 27 September 2014)
- Raw, A. (2007) An annotated catalogue of the leafcutter and mason bees (genus *Megachile*) of the Neotropics. *Zootaxa*, 1601, 1–127.
- Richards, O.W. (1929) The types of the humble-bees described by Gribodo (Hymenoptera, Bombidae). *The Entomologist's Monthly Magazine*, 65, 58–59.
- Richards, O.W. (1935) Redescription of the type of *Psithyrus bellardii* Gribodo. *Annali del Museo civico di Storia naturale "G. Doria"*, 57, 98–99. Available from: <http://www.archive.org/stream/annalidelmu5657193235muse#page/98/mode/2up> (accessed 27 September 2014)
- Richards, O.W. (1978a) *The social wasps of the Americas excluding the Vespinae*. British Museum (Natural History), London, vii + 580 pp.
- Richards, O.W. (1978b) The Australian Social Wasps (Hymenoptera: Vespidae). *Australian Journal of Zoology*, Supplementary Series, 61, 1–132.
- Risch, S. (1999) Neue und wenig bekannte Arten der Gattung *Eucera* Scopoli 1770 (Hymenoptera, Apidae). *Linzer Biologische Beiträge*, 31 (1), 115–145. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/LBB\\_0031\\_1\\_0115-0145.pdf](http://www.landesmuseum.at/pdf_frei_remote/LBB_0031_1_0115-0145.pdf) (accessed 27 September 2014)
- Rosa, P. (2009) Catalogo dei Tipi dei Crisidi del Museo Civico di Storia Naturale "G. Doria" di Genova (Hymenoptera, Chrysididae). *Annali del Museo civico di Storia naturale "G. Doria"*, 100, 209–272.
- Ruggiero, M. (Ed) (2009) ITIS Bees: World Bee Checklist (version Sep 2009). In: Bisby, F., Roskov, Y., Culham, A., Orrell, T., Nicolson, D., Paglinawan, L., Bailly, N., Appeltans, W., Kirk, P., Bourgoin, T., Baillargeon, G. & Ouvrard, D. (Eds.), *Species 2000 & ITIS Catalogue of Life*. Species 2000, Reading, UK. Available from: <http://www.itis.gov/beechecklist.html> (accessed 24 June 2014)
- Sandhouse, G.A. (1943) The type species of the genera and subgenera of bees. *Proceedings of the United States National Museum*, 92, 519–619. <http://dx.doi.org/10.5479/si.00963801.3156.519>
- Schulthess Rechberg, A. von (1922) Zur Kenntnis äthiopischer Vespiden (Hym.). II. *Rhynchium cyanopterum* et similia. *Vierteljahresschrift der Naturforschenden Gesellschaft in Zürich*, 67, 30–44. Available from: <http://archive.org/stream/mobot31753002478888#page/29/mode/2up> (accessed 27 September 2014)
- Schulz, W.A. (1906) *Spolia hymenopterologica*. Druck und Verlag der Junfermannschen Buchhandlung, Paderborn, 355 pp. Available from: <http://www.biodiversitylibrary.org/bibliography/59757#/summary> (accessed 27 September 2014)
- Schulz, W.A. (1912) Zweihundert alte Hymenopteren. *Zoologische Annalen*, 4, 1–220. Available from: <http://archive.org/stream/zoologischeannal04wr#page/n7/mode/2up> (accessed 27 September 2014)
- Schwarz, H.F. (1948) Stingless bees (Meliponidae) of the Western Hemisphere: *Lestrimelitta* and the following subgenera of *Trigona*: *Trigona*, *Paratrigona*, *Schwarziana*, *Parapartamona*, *Cephalotrigona*, *Oxytrigona*, *Scaura*, and *Mourella*. *Bulletin of the American Museum of Natural History*, 90, xvii + 546. Available from: <http://digitalibrary.amnh.org/dspace/handle/2246/1231> (accessed 27 September 2014)
- Schwarz, M. (1981) Zur Kenntnis der von Gribodo (1894) beschriebenen und behandelten *Nomada*-Arten (Hymenoptera, Apoidea). *Entomofauna*, 2 (5), 57–75. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/ENT\\_0002\\_0057-0075.pdf](http://www.landesmuseum.at/pdf_frei_remote/ENT_0002_0057-0075.pdf) (accessed 27 September 2014)
- Schwarz, M. (1989) Zur Kenntnis afrikanischer *Nomada*-Arten (Hymenoptera Apidae). *Linzer Biologische Beiträge*, 21 (1), 303–313. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/LBB\\_0021\\_1\\_2\\_0303-0313.pdf](http://www.landesmuseum.at/pdf_frei_remote/LBB_0021_1_2_0303-0313.pdf) (accessed 2 July 2014)
- Schwarz, M. & Gusenleitner, F. (2003) Ergebnis der Untersuchung einiger von Spinola beschriebener Apiden mit Bemerkungen und Ergänzungen (Hymenoptera: Apidae). *Entomofauna*, 24 (17), 237–280. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/ENT\\_0024\\_0237-0280.pdf](http://www.landesmuseum.at/pdf_frei_remote/ENT_0024_0237-0280.pdf) (accessed 27 September 2014)
- Schwarz, M., Gusenleitner, F., Westrich, P. & Dathe, H.H. (1996) Katalog der Bienen Österreichs, Deutschlands und der Schweiz (Hymenoptera, Apidae). *Entomofauna*, Supplement 8, 1–398.
- Senna, A. (1894) Elenco dei soci della Società entomologica italiana nell'anno 1894. *Bollettino della Società entomologica italiana*, 26, 11–16 (atti). Available from: <http://archive.org/stream/bollettinodellas261894soci#page/n15/mode/2up> (accessed 27 September 2014)

- Sharkey, M.J. (2007) Phylogeny and classification of Hymenoptera. *Zootaxa*, 1668, 521–548.
- Smith, F. (1855) *Catalogue of Hymenopterous Insects in the Collection of the British Museum. Part III. Mutillidae and Pompilidae*. Taylor and Francis, London, 206 pp. + 5 plates. Available from: <http://archive.org/details/catalogueofhymen03brit> (accessed 6 December 2014)
- Smith, F. (1858 [“1859”]) Catalogue of Hymenopterous Insects collected at Celebes by Mr. A. R. Wallace. *Journal of the Proceedings of the Linnean Society of London. Zoology*, 3, 4–27. Available from: <http://biodiversitylibrary.org/item/19541#page/86/mode/1up> (accessed 7 December 2014)
- Smith, F. (1873) Descriptions of new species of fossorial Hymenoptera in the collection of the British Museum, and of a species of the rare genus *Iswara*, belonging to the Family Dorylidae. *The Annals and Magazine of Natural History*, Series 4, 12 (69–71), 253–260, 291–300, 402–415. Available from: <http://archive.org/details/annalsmagazineof4121873lond> (accessed 6 December 2014)
- Smith-Pardo, A.H. (2010) Taxonomic review of the species of *Neocorynura* (Hymenoptera: Halictidae: Augochlorini) inhabiting Argentina and Paraguay. *Zootaxa*, 2507, 44–68.
- Snelling, R.R. (1984) Studies on the taxonomy and distribution of American centridine bees (Hymenoptera: Anthophoridae). *Contributions in Science*, 347, 1–69.
- Strand, E. (1927 [“1925”]) Neubenennungen palaearktischer Lepidoptera und Apidae. *Archiv für Naturgeschichte*, 91A (12), 281–283.
- Suárez, F.J. & Nonveiller, G. (1990 [“1989”]) Notas sobre algunos *Tricholabioides* (Hymenoptera, Mutillidae). *Eos*, 65 (1), 125–188.
- Taeger, A., Blank, S.M. & Liston, A.D. (2010) World Catalog of Symphyta (Hymenoptera). *Zootaxa*, 2580, 1–1064. Available from: <http://www.mapress.com/zootaxa/2010/f/z02580p1064f.pdf> (accessed 27 September 2014)
- Terzo, M. & Rasmont, P. (2011) Atlas of the European Bees: genus *Xylocopa*. STEP Project, Atlas Hymenoptera, Mons, Gembloux. Available from: <http://www.zoologie.umh.ac.be/hymenoptera/page.asp?ID=214> (accessed 27 September 2014)
- Tommasini, S. & Marini, M. (1984) Catalogo dei tipi del Museo Zoologico dell'Università di Bologna. 1. Imenotteri. *Bollettino della Società entomologica italiana*, 116 (1–3), 41–46.
- Townes, H. & Townes, M. (1973) A catalogue and reclassification of the Ethiopian Ichneumonidae. *Memoirs of the American Entomological Institute*, 19, iv, 1–416.
- Townes, H. & Townes, M. (1981) A revision of the Serphidae (Hymenoptera). *Memoirs of the American Entomological Institute*, 32, iv + 541.
- Turner, R.E. (1912) Studies in the Fossorial Wasps of the Family Scoliidae, Subfamilies Elidinae and Anthoboscinae. *Proceedings of the Zoological Society of London*, 82 (3), 696–754. Available from: <http://archive.org/stream/proceedingsofzoo1912zool#page/696/mode/2up> (accessed 7 December 2014)
- Turner, R.E. (1916) LII. Notes on Fossorial Hymenoptera. XXII. On new Ethiopian species. *The Annals and magazine of natural history*, series 8, 17, 435–448. Available from: <http://archive.org/stream/annalsmagazineof8171916lond#page/434/mode/2up> (accessed 30 May 2014)
- Turner, R.E. (1918) XLI. Notes on Fossorial Hymenoptera. XXXIV. On Ethiopian Psammocharidae in the British Museum. *Journal of Natural History*, series 9, 1 (5), 349–356. Available from: <http://archive.org/stream/ser9annalsmagazi01londuoft#page/348/mode/2up> (accessed 27 September 2014)
- Turrisi, G.F. (2007) Revision of the Palaearctic species of *Pristaulacus* Kieffer, 1900 (Hymenoptera: Aulacidae). *Zootaxa*, 1433, 1–76.
- Turrisi, G.F., Jennings, J.T. & Vilhelmsen, L. (2009) Phylogeny and generic concepts of the parasitoid wasp family Aulacidae (Hymenoptera: Evanoidea). *Invertebrate Systematics*, 23 (1), 27–59. <http://dx.doi.org/10.1071/IS08031>
- uBio (Ed.) (2005) Nomenclator Zoologicus Online version 0.86. The Zoological Society of London, UK. Available from: <http://www.ubio.org/NomenclatorZoologicus/> (accessed 27 September 2014)
- Ungricht, S., Müller, A. & Dorn, S. (2008) A taxonomic catalogue of the Palaearctic bees of the tribe Osmiini (Hymenoptera: Apoidea: Megachilidae). *Zootaxa*, 1865, 1–253.
- Urban, D. & Moure, J.S. (2008a) Anthidiini Ashmead, 1899. In: Moure, J.S., Urban, D. & Melo, G.A.R. (Eds.), Catalogue of Bees (Hymenoptera, Apoidea) in the Neotropical Region - online version. Available from: <http://www.moure.cria.org.br/catalogue> (accessed 27 September 2014)
- Urban, D. & Moure, J.S. (2008b) Hylaeini Viereck, 1916. In: Moure, J.S., Urban, D. & Melo, G.A.R. (Eds.), Catalogue of Bees (Hymenoptera, Apoidea) in the Neotropical Region - online version. Available from: <http://www.moure.cria.org.br/catalogue> (accessed 27 September 2014)
- Urban, D., Moure, J.S. & Melo, G.A.R. (2008) Eucerini Latreille, 1802. In: Moure, J.S., Urban, D. & Melo, G.A.R. (Eds.), Catalogue of Bees (Hymenoptera, Apoidea) in the Neotropical Region - online version. Available from: <http://www.moure.cria.org.br/catalogue> (accessed 27 September 2014)
- van der Vecht, J. (1941) The Indo-Australian species of the genus *Ropalidia* (= *Icaria*) (Hym., Vespidae) (First part). *Treubia*, 18, 103–190.
- van der Vecht, J. (1953) Indo-Australian Pompilidae (Hym.). II. An annotated list of the oriental species of the genus *Hemipepsis* Dahlb. *Treubia*, 22, 1–17.



- van der Vecht, J. (1962) The Indo-Australian species of the genus *Ropalidia* (*Icaria*) (Hymenoptera, Vespidae) (second part). *Zoologische Verhandelingen*, 57, 3–71. Available from: <http://www.repository.naturalis.nl/document/149114> (accessed 27 September 2014)
- van der Vecht, J. (1963) Studies on Indo-Australian and East-Asiatic Eumenidae (Hymenoptera, Vespoidea). *Zoologische Verhandelingen*, 60, 1–113. Available from: <http://www.repository.naturalis.nl/document/149162> (accessed 27 September 2014)
- van der Vecht, J. & Carpenter, J.M. (1990) A catalogue of the genera of the Vespidae (Hymenoptera). *Zoologische Verhandelingen*, 260, 1–62. Available from: <http://www.repository.naturalis.nl/document/148842> (accessed 27 September 2014)
- van der Vecht, J. & van Breugel, F.M.A. (1968) Revision of the nominate subgenus *Sceliphron* Latreille (Hym., Sphecidae) (Studies on the Sceliphronini, Part I). *Tijdschrift voor Entomologie*, 111, 185–255. Available from: <http://biodiversitylibrary.org/page/28150849> (accessed 27 September 2014)
- van der Zanden, G. (1988) Beitrag zur Systematik und Nomenklatur der paläarktische Osmiini, mit Angaben über ihre Verbreitung (Hymenoptera, Apidae, Megachilinae). *Zoologische Mededelingen*, 62 (9), 113–133. Available from: <http://www.repository.naturalis.nl/document/149861> (accessed 27 September 2014)
- van der Zanden, G. (1990) Nomenklatorische Änderungen für einige paläarktische Arten der Familie Megachilidae (Insecta, Hymenoptera, Apoidea). *Reichenbachia*, 28 (9), 51–54.
- van Noort, S. (Web author) (2009) Classification of Afrotropical mutillid wasps by Denis J. Brothers November 2009. Waspweb, Iziko South African Museum, Cape Town, South Africa. Available from: <http://www.waspweb.org/Vespoidea/Mutillidae/Classification/index.htm> (accessed 27 September 2014)
- Vardy, C.R. (2002) The New World tarantula-hawk wasp genus *Pepsis* Fabricius (Hymenoptera: Pompilidae). Part 2. The *P. grossa*- to *P. deaurata*-groups. *Zoologische Verhandelingen*, 337, 1–134. Available from: <http://www.repository.naturalis.nl/document/46718> (accessed 27 September 2014)
- Vicidomini, S. (2003) Xylocopini (Hymenoptera: Apidae: Xylocopinae) presenti nelle collezioni entomologiche italiane: il Museo Civico di Storia Naturale G. Doria, Genova. Quadro generale. *Annali dei Musei Civici di Rovereto, Sezione Archeologia, Storia e Scienze Naturali*, 17 (2001), 163–171. Available from: [http://www.ace-sap.it/UploadDocs/154\\_art\\_08\\_vicidomini.pdf](http://www.ace-sap.it/UploadDocs/154_art_08_vicidomini.pdf) (accessed 27 September 2014)
- Vilhelmsen, L. (2006) Collection inventory of the Hymenoptera collection of the Zoological Museum, University of Copenhagen (ZMUC). General Type Collection. Available from: <http://www.zmuc.dk/EntoWeb/collections-databaser/Hymenoptera/gtypeupdate061024.htm> (accessed 27 September 2014)
- Wahis, R. (2000) Sur quelques Pompilides afrotropicaux décrits par G. Gribodo en 1894 (Hymenoptera: Pompilidae). *Notes fauniques de Gembloux*, 40, 77–81. Available from: <http://www.gembloux.ulg.ac.be/entomologie-fonctionnelle-et-evolutive/wp-content/uploads/2012/07/1252.pdf> (accessed 27 September 2014)
- Wahis, R. (2004) Pompilidae. In: Mitroiu, M.D. (Ed.) (2012) Fauna Europaea: Hymenoptera, Vespoidea. Fauna Europaea version 2.5. Available from: <http://www.faunaeur.org> (accessed 27 September 2014)
- Warncke, K. (1972a) Westpaläarktische Bienen der Unterfamilie Panurginae (Hym., Apidae). *Polskie Pismo Entomologiczne*, 42 (1), 53–108.
- Warncke, K. (1972b) Beitrag zur Systematik und Verbreitung der Bienengattung *Prosopis* F. in der Westpaläarkt (Hymenoptera, Apoidea, Colletidae). *Bulletin des recherches agronomiques de Gembloux, New Series*, 5 (3–4), 745–768.
- Warncke, K. (1976) Zur Systematik und Verbreitung der Bienengattung *Nomia* Latr. in der Westpaläarkt und dem turkestanischen Becken. *Reichenbachia*, 16 (7), 93–120.
- Warncke, K. (1980a) Die Biengattung *Anthidium* Fabricius, 1804 in der Westpalaarkt und im turkestanischen Becken. *Entomofauna*, 1 (10), 119–209.
- Warncke, K. (1980b) Die Biengattungen *Nomia* und *Systropha* im Iran mit Ergänzungen zu den *Nomia*-Arten der Westpaläarkt. *Linzer biologische Beiträge*, 12 (2), 363–384. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/LBB\\_0012\\_2\\_0363-0384.pdf](http://www.landesmuseum.at/pdf_frei_remote/LBB_0012_2_0363-0384.pdf) (accessed 27 September 2014)
- Warncke, K. (1982) Die Holzbienen des vorderen Orients (Hym., Apidae). *Linzer biologische Beiträge*, 14 (1), 23–37. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/LBB\\_0014\\_1\\_0023-0037.pdf](http://www.landesmuseum.at/pdf_frei_remote/LBB_0014_1_0023-0037.pdf) (accessed 27 September 2014)
- Warncke, K. (1988) Die Biengattung *Osmia* Panzer, 1806, ihre Systematik in der Westpaläarkt und ihre Verbreitung in der Türkei 1. Untergattung *Helicosmia* Thomson, 1872 (Hymenoptera, Apidae). *Entomofauna*, 9 (1), 1–45. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/ENT\\_0009\\_0001-0045.pdf](http://www.landesmuseum.at/pdf_frei_remote/ENT_0009_0001-0045.pdf) (accessed 27 September 2014)
- Warncke, K. (1992a) Die westpaläarktischen Arten der Biengattung *Sphcodes* Latr. (Hymenoptera, Apidae, Halictinae). *Bericht der Naturforschenden Gesellschaft Augsburg*, 52, 9–64. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/Ber-Naturf-Ges-Augsburg\\_052\\_1992\\_0009-0064.pdf](http://www.landesmuseum.at/pdf_frei_remote/Ber-Naturf-Ges-Augsburg_052_1992_0009-0064.pdf) (accessed 9 July 2014)
- Warncke, K. (1992b) Die westpaläarktischen Arten der Biengattung *Coelioxys* Latr. (Hymenoptera, Apidae, Megachilinae). *Bericht der Naturforschenden Gesellschaft Augsburg*, 53, 31–77. Available from: [http://www.landesmuseum.at/pdf\\_frei\\_remote/Ber-Naturf-Ges-Augsburg\\_053\\_1992\\_0031-0077.pdf](http://www.landesmuseum.at/pdf_frei_remote/Ber-Naturf-Ges-Augsburg_053_1992_0031-0077.pdf) (accessed 9 July 2014)
- Williams, P.H. (2011) *Bombus* bumblebees of the world. Available from: <http://www.nhm.ac.uk/research-curation/research/projects/bombus/> (accessed 27 September 2014)
- Williams, P.H., Tang, Y., Yao, J. & Cameron, S. (2009) The bumblebees of Sichuan (Hymenoptera: Apidae, Bombini).

- Systematics and Biodiversity*, 7, 101–190. Available from: [http://www.nhm.ac.uk/research-curation/research/projects/bombus/Williams&al09\\_Sichuan.pdf](http://www.nhm.ac.uk/research-curation/research/projects/bombus/Williams&al09_Sichuan.pdf) (accessed 27 September 2014)
- Willink, A. (1960) Las especies afines a «*Parachartergus apicalis*» (F.) (Hymenoptera, Vespidae, Polybiinae). *Acta zoologica lilloana*, 17 (1959), 263–292.
- Willink, A. (1982) Revisión de los géneros *Montezumia* Saussure y *Monobia* Saussure (Hymenoptera: Eumenidae). *Boletín de la Academia Nacional de Ciencias de Córdoba*, 55 (1–4), 3–321.
- Willink, A. (1983) Una nueva especie de *Hypodynerus* y observaciones sinonimicas sobre otras (Hym., Eumenidae). *Revista Peruana de Entomología*, 24 (1), 55–58. [1981]
- Willink, A. & Roig-Alsina, A. (1998): Revisión del género *Pachodynerus* Saussure (Hymenoptera: Vespidae, Eumeninae). *Contributions of the American Entomological Institute*, 30 (5), 3–117.
- Yu, D.S. (Ed.) (2011) Home of Ichneumonoidea. Available from: <http://www.taxapad.com> (accessed 27 September 2014)
- Zanon, V. (1926 [“1925”]) Contributo alla conoscenza della fauna entomologica di Bengasi. Imenotteri di Bengasi. *Memorie della Pontificia Accademia delle Scienze Nuovi Lincei*, Series II, 8, 61–100.
- Zavattari, E. (1912) Materialien für eine Monographie der Neotropischen Eumeniden. *Archiv für Naturgeschichte*, 78A (4), 1–272. Available from: <http://archive.org/stream/archivfurgeschic78berl#page/n561/mode/2up> (accessed 27 September 2014)
- Zavattari, E. (1913) Sull'identità del *Leptochilus jacinthae* Gribodo con la *Nortonia viridis* Schulthess Rechberg e su altre specie di Imenotteri descritti da Gribodo ed omesse dal catalogo del Dalla Torre. *Bollettino dei Musei di Zoologia ed Anatomia comparata della Regia Università di Torino*, 28 (665), 1–14. Available from: <http://www.archive.org/stream/bollettinodeimus281913univ#page/n7/mode/2up> (accessed 27 September 2014)
- Zoological Society of London (Ed.) (1864–present) *The Zoological Record* [former *Record of Zoological Literature*]. J.V. Vorst, London.