

Checklist of Hungarian Sphecidae and Apidae species (Hymenoptera, Sphecidae and Apidae)

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JÓZAN, ZS.: *Checklist of Hungarian Sphecidae and Apidae species (Hymenoptera, Sphecidae and Apidae)*.

Abstract: Checklist of Hungarian sphecoid wasps (Sphecidae) and bees (Apidae). 306 Sphecidae and 704 Apidae species are listed. Species, which were collected 50 years or earlier, treated as extinct species. I have not seen voucher specimen of the following species: *Halictus varipes*, *Halictus carinthiacus*, *Hylaeus hungaricus*, *Osmia hybrida*, *Osmia versicolor*, *Sphecodes hungaricus*, *Sphecodes schencki* and *Sphecodes sareptensis*. These species are not listed. *Belomicroides fergusonii* (Sphecidae), *Andrena pyropygia*, *Halictus cochlearitarsis*, *Melitta wankowiczi* and *Osmia scutellaris* are first records for Hungary.

Keywords: Hymenoptera, Sphecidae, Apidae, checklist, Hungary

Introduction

The first checklist of the Hungarian Aculeata species were published by Sándor Mocsáry (MOCSÁRY 1897). It was later revised and also completed in the *Catalogus Hymenopterorum* and also in the books of the *Fauna Hungariae* series. In the last decades, intensive research program was organised to explore the fauna of the Hungarian national parks and nature protection areas. Most of the voucher specimens are deposited in the collection of the Hungarian Natural History Museum. Beyond the Hungarian Natural History Museum others museums in the countryside took part in the research programs or even organised their own programmes as well (Savaria Museum Szombathely, Somogy County Museum, Kaposvár, Bakony Natural History Museum Zirc, Janus Pannonius Museum Pécs and Mátra Museum in Gyöngyös). I participated in these programs and recorded numerous new species for the Hungarian fauna (Bakony Mountains, Őrség, Mecsek Hills, Villány Hills, Mátra Mountains, Zselic Hills). Dr. Lajos Tanács investigated the valley of River Theis (Tisza in Hungarian) while Dr. Pál Benedek the catchment area of the Tapolca Brook. The results were published in several papers: BENEDEK 1970, 1979, JÓZAN 1971, 1983, 1985, 1990a, 1990b, 1993, 1996, 1998, 2000a, 2000b, 2001, 2002a, 2002b, 2002c, 2006, 2007, 2008, 2010, TANÁCS 1975, 1979, TANÁCS & JÓZAN 1985, 1993, 1999. The voucher specimens of these researches are deposited in the private collection of the author and also in the collection of the Bakony Natural History Museum and in that of the Somogy County Museum. Although Apidae fauna of the Bakony Mountains is still unpublished, the collected species are also included in the list. Four species are first records for Hungary: *Belomicroides fergusonii* (Sphecidae), *Andrena pyropygia*, *Halictus cochlearitarsis*, *Melitta wankowiczi*, *Osmia scutellaris* (Apidae).

Table 1: Subfamiliar distribution of the species

Sphecidae		Apidae	
Ampulicinae	2	Colletinae	54
Sphecinae	21	Andreninae	157
Pemphredoninae	53	Halictinae	142
Astatinae	14	Melittinae	15
Larrinae	40	Megachilinae	130
Crabroninae	88	Anthophorinae	171
Entomosericinae	2	Apinae	35
Nyssoninae	60	Total:	704
Philanthinae	26		
Total:	306		

Nomenclature follows the works of DOLLFUSS (1991), EBMER (1988) and SCHWARCZ & al. (1999). Synonym names used in the old Hungarian faunistic papers are given in brackets. Species were not collected in the last 50 years are treated as extinct. The following species are not included in the list, because the voucher specimens were not found: *Halictus varipes* Mor., *Halictus carinthiacus* Blüthg. (*brachyceros* Blüthg.), *Hylaeus hungaricus* (Alfk.), *Osmia hybrida* Pér., *Osmia versicolor* Spin., *Sphecodes hungaricus* Blüthg., *Sphecodes schencki* Hag. and *Sphecodes sareptensis* Meyer.

A fajok jegyzéke

Abbreviations:

A = Great Hungarian Plain (Alföld in Hungarian)

Ka = Little Hungarian Plain (Kisalföld in Hungarian)

Dd = Transdanubian Hills (Dunántúli-dombság in Hungarian)

Dk = Transdanubian Mountains (Dunántúli középhegyvidék in Hungarian)

Ék = North Hungarian Mountains (Észak-magyarországi-középhegység in Hungarian)

Nym = West Hungary (Nyugat-magyarországi peremvidék in Hungarian)

Mind. = Everywhere

Ext. = Extinct

Sphecidae

Ampulicinae

Ampulex fasciata Jurine, 1807 – Dd, Dk, Ék, Nym

Dolichurus corniculatus (Spinola, 1808) – A, Dd, Dk, Ék, Nym

Sphecinae

Ammophila campestris Latreille, 1809 – A, Dd, Dk

Ammophila heydeni Dahlbom, 1845 – mind.

Ammophila hungarica Mocsáry, 1883 – Dd, Dk

Ammophila sabulosa (Linnaeus, 1758) – mind.

Ammophila terminata mocsaryi Frivaldszky, 1876 (*apicalis* Brullé, 1839) – A, Dd, Dk

Chalybion femoratum (Fabricius, 1781) – A, Dd, Dk, Ék

Chlorion magnificum Morawitz, 1887 – Dd (Ext.)

Isodontia mexicana (Saussure, 1867) – A, Dd, Dk, Nym

Palmodes occitanicus (Lepeletier & Serville, 1828) – A, Dd
Podalonia affinis (Kirby, 1798) – A, Dd, Dk, Ék
Podalonia luffi (Saunders, 1913) – A, Dd
Podalonia tydei Le Guillou, 1841 – A, Dd, Dk, Nym
Podalonia hirsuta (Scopoli, 1763) – mind.
Prionyx kirbyi (Vander Linden, 1827) (*albisectus* Lepeletier & Serville, 1827) – A, Dd, Dk, Ék
Prionyx subfuscatus (Dahlbom, 1845) – A (Ext.)
Sceliphron curvatum (Smith, 1870) – Dd, Dk, Ék, Nym
Sceliphron destillatorium (Illiger, 1807) – mind.
Sceliphron spirifex (Linnaeus, 1758) – Dd (Ext.)
Sphex atropilosus Kohl, 1885 – A (Ext.)
Sphex flavipennis Fabricius, 1793 – A (Ext.)
Sphex rufocinctus Brullé, 1833 (*maxillosus* Fabricius, 1793, nec Poiret, 1787) – mind.

Pemphredoninae

Ammoplanus handlirschi Gussakovskij, 1931 – A, Ka, Dd, Dk,
Ammoplanus hofferi Šnoflak, 1943 – A, Dd, Dk, Nym
Ammoplanus wesmaeli Giraud, 1869 (*perrisi* Giraud, 1869, *dentatus* Šnoflak, 1946) – Dk
Diodontus brevilabris Beaumont, 1967 – A, Dd, Dk, Ék, Nym
Diodontus insidiosus Spooner, 1938 – A, Dd, Dk, Nym
Diodontus luperus Shuckard, 1837 – mind.
Diodontus major Kohl, 1901 – A, Dd, Dk
Diodontus minutus (Fabricius, 1793) – mind
Diodontus tristis (Vander Linden, 1829) mind.
Mimesa brevis Moidl, 1914 – Dk
Mimesa bruxellensis Bondroit, 1934 – A, Ka
Mimesa caucasica Moidl, 1914 – A, Dd
Mimesa crassipes Costa, 1870 – A, Dk
Mimesa equestris (Fabricius, 1804) – A, Ka, Dd, Dk
Mimesa lutaria (Fabricius, 1787) (*shuckardi* Wesmael, 1852) – Dk, Ék, Nym
Mimesa rufa (Panzer, 1805) (*bicolor* Jurine, 1807) – Dd
Mimumesa atratina (Morawitz, 1891) – A, Dd, Dk, Ék, Nym
Mimumesa beaumonti (Van Lith, 1949) – A, Dd, Ék
Mimumesa dahlbomi (Wesmael, 1852) – A, Dd, Dk, Ék, Nym
Mimumesa littoralis (Bondroit, 1934) (*fulvitaris* Gussakovskij, 1937) – A, Ka, Dd, Dk
Mimumesa unicolor (Vander Linden, 1829) – mind.
Mimumesa wuestneii (Faester, 1951) – A
Passaloecus clypealis Faester, 1947 – A, Dd, Dk
Passaloecus corniger Shuckard, 1837 – mind.
Passaloecus gracilis (Curtis, 1834) – mind.
Passaloecus insignis (Vander Linden, 1829) (*monilicornis* Dahlbom, 1842) – mind.
Passaloecus pictus Ribaut, 1952 – Dd
Passaloecus singularis Dahlbom, 1844 (*gracilis* auct., nec Curtis, 1834) – mind.
Passaloecus turionum Dahlbom, 1845 – A, Dd, Ék
Passaloecus vandeli Ribaut, 1952 – Dd
Pemphredon austriaca (Kohl, 1888) – A, Dd, Dk, Ék, Nym
Pemphredon baltica Merisuo, 1972 – Dd, Ék
Pemphredon inornata Say, 1824 (*shuckardi* Morawitz, 1864) – mind.
Pemphredon lethifera (Shuckard, 1837) – mind
Pemphredon montana Dahlbom, 1844 – Ék
Pemphredon morio Vander Linden, 1829 (*clypealis* Thomson, 1870) – Ka, Dd, Dk, Ék
Pemphredon podagrica Chevriér, 1870 (*luctuosus* Shuck., sensu Bajári 1957) – Nym
Pemphredon rugifera (Dahlbom, 1844) – mind.
Psen ater (Olivier, 1792) – Dd, Dk, Nym
Psen exaratus (Eversmann, 1849) – Dd, Ék

Psenulus brevitarsis Merisuo, 1937 – A, Dd, Dk, Ék, Nym
Psenulus concolor (Dahlbom, 1843) – mind
Psenulus fulvicornis (Shuckard, 1857) – A
Psenulus fuscipennis (Dahlbom, 1849) – mind.
Psenulus laevigatus (Schenck, 1857) – mind.
Psenulus meridionalis Beaumont, 1837 – A, Dd, Dk
Psenulus pallipes (Panzer, 1798) (*atratus* Fabricius, 1804) – mind.
Psenulus schencki (Tournier, 1889) – mind.
Spilomena beata Blüthgen, 1953 – A, Dd, Dk, Ék, Nym
Spilomena mocsaryi Kohl, 1898 (*zavadili* Šnoflak, 1942) – A, Dd, Dk, Ék, Nym
Spilomena troglodytes (Vander Linden, 1829) – mind.
Stigmus pendulus Panzer, 1804 – A, Dd, Dk, Ék, Nym
Stigmus solskyi Morawitz, 1864 – A, Dd, Dk, Ék, Nym

Astatinae

Astata apostata Mercet, 1910 – A, Dd, Dk, Ék
Astata boops (Schrank, 1781) – mind.
Astata brevitarsis Pulawski, 1958 – A
Astata costae Piccioli, 1867 – A, Dd, Dk, Ék
Astata gallica Beaumont, 1942 – A Dd, Dk
Astata jucunda Pulawski, 1959 – Dd, Dk
Astata kashmirensis Nurse, 1909 (*stecki* Beaumont, 1942) – A, Dd, Dk
Astata minor Kohl, 1895 – mind.
Astata pontica Pulawski, 1958 – A
Astata quettae Nurse, 1903 – A
Astata rufipes Mocsáry, 1883 – A, Dk
Dinetus pictus (Fabricius, 1793) – A, Dd, Dk, Ék, Nym
Dryudella lineata Mocsáryi, 1879 – A
Dryudella tricolor (Vander Linden, 1829) – A, Dd, Dk, Ék

Larrinae

Larra anathema (Rossi, 1790) – A, Ka, Dd, Dk, Ék
Liris nigra (Fabricius, 1775) – Dd, Dk
Miscophus ater Lepletier, 1845 (*spurius* Dahlbom, 1832, sensu Bajári 1957) – A Dd, Dk
Miscophus bicolor Jurine, 1807 – A, Dd, Dk, Ék, Nym
Miscophus concolor Dahlbom, 1844 – A, Dd, Dk
Miscophus eatoni Saunders, 1903 – Dk
Miscophus helveticus rubriventris Ferton, 1896 – A
Miscophus niger Dahlbom, 1844 – A, Dk
Nitela fallax Kohl, 1884 – A, Dd, Dk
Nitela spinolae Latreille, 1809 – A, Dd, Dk, Ék, Nym
Palarus variegatus (Fabricius, 1781) – A, Dd, Dk
Pison atrum (Spinola, 1808) – A, Dd, Dk, Ék, Nym
Solierella compedita Piccioli, (1869) – A, Dd, Dk, Ék, Nym
Tachysphex brullii (Smith, 1856) (*spoliatus* Giraud, 1863) – A, Dd, Dk
Tachysphex fugax (Radoszkowski, 1877) – Dd
Tachysphex fulvitaris (Costa, 1867) – A, Dd, Dk, Ék
Tachysphex grandii Beaumont, 1965 – A, Dd, Dk
Tachysphex helveticus Kohl, 1885 – A, Dd, Dk
Tachysphex incertus (Radoszkowski, 1877) – A, Dd, Dk
Tachysphex mediterraneus Kohl, 1883 – A, Dd
Tachysphex mocsaryi Kohl, 1883 – A, Dd
Tachysphex obscuripennis (Schenck, 1857) – (*lativalvis* Thomson, 1870) – A, Dd, Dk, Nym
Tachysphex panzeri (Vander Linden, 1829) – A, Dd
Tachysphex plicosus (Costa, 1867) – Dd

Tachysphex pompiliiformis (Spinola, 1805) – mind.
Tachysphex psammobius (Kohl, 1880) – A, Dd, Dk, Ék
Tachysphex rugosus Gussakovskij, 1952 – A
Tachysphex tarsinus (Lepeletier, 1845) – A, Dd, Dk, Nym
Tachysphex unicolor (Panzer, 1809) (*Astata nitida* Spinola, 1805, sensu Bajári 1957) – A, Dd, Dk, Nym
Tachytes etruscus (Rossi, 1790) – A, Dd
Tachytes obsoletus (Rossi, 1792) – A, Dd, Dk
Tachysphex panzeri Dufour, 1841 (*europaeus* Kohl, 1884) – A, Ka, Dd, Dk
Trypoxylon attenuatum Smith, 1851 – mind.
Trypoxylon clavicerum Lepeletier & Serville, 1828 – mind.
Trypoxylon figulus (Linnaeus, 1758) – mind.
Trypoxylon fronticorne Gussakovskij, 1936 – A, Ka, Dd, Dk, Ék
Trypoxylon kolazyi Kohl, 1893 – A, Dd, Dk, Nym
Trypoxylon medium Beaumont, 1945 – A, Dd, Dk, Ék
Trypoxylon minus Beaumont, 1945 – Dd, Dk, Ék
Trypoxylon scutatatum Chevrier, 1867 – A, Ka, Dd, Dk, Nym

Crabroninae

Belomicroides fergusonii Beaumont, 1960 – A
Belomicrus antennalis Kohl, 1899 – A, Dd, Ék
Belomicrus italicus Costa, 1871 – A, Dd, Dk, Ék
Crabro cribrarius (Linnaeus, 1758) – mind.
Crabro loewi Dahlbom, 1845 – A (Ext.)
Crabro peltarius (Schreber, 1784) – A, Dd, Dk, Ék
Crabro scutellatus (Scheven, 1781) – A, Ka, Dd, Dk, Nym
Crossocerus acanthophorus (Kohl, 1892) – A, Dd, Dk
Crossocerus annulipes (Lepeletier & Brullé, 1835) (*ambiguus* Dahlbom, 1842) – mind.
Crossocerus assimilis (Smith, 1856) – Dd, Dk, Ék, Nym
Crossocerus barbipes (Dahlbom, 1845) – Ék, Nym
Crossocerus binotatus (Shuckard, 1837) (*confusus* Schulz, 1906) – mind.
Crossocerus capitosus (Shuckard, 1837) – A, Dd, Dk
Crossocerus cetratus (Shuckard, 1837) – mind.
Crossocerus congener (Dahlbom, 1844) – A, Dk
Crossocerus denticoxa (Bischoff, 1932) – A, Dd
Crossocerus denticrus Herrich-Schaeffer, 1841 – A, Dd
Crossocerus dimidiatus (Fabricius, 1781) – Dd, Dk, Ék
Crossocerus distinguendus (Morawitz, 1866) – mind.
Crossocerus elongatulus (Vander Linden, 1829) – mind.
Crossocerus exiguus (Vander Linden, 1829) – A, Dd, Dk, Nym
Crossocerus heydeni Kohl, 1880 – Dd
Crossocerus megacephalus (Rossi, 1790) (*leucostomoides* Richards, 1935) – mind.
Crossocerus nigritus (Lepeletier & Brullé, 1835) (*pubescens* Shuckard, 1837) – A, Ka, Dd, Dk, Ék
Crossocerus ovalis Lepeletier & Brullé, 1834 – A, Ka, Dd, Dk, Ék
Crossocerus palmipes (Linnaeus, 1767) – A, Dd, Dk, Ék, Nym
Crossocerus podagricus (Vander Linden, 1829) – mind.
Crossocerus pusillus Lepeletier & Brullé, 1834 (*varius* Lepeletier & Brullé, 1834) – A, Ka, Dd, Ék, Nym
Crossocerus quadrimaculatus (Fabricius, 173) – mind.
Crossocerus tarsatus Shuckard, 1837) – A, Dd, Dk
Crossocerus vagabundus (Panzer, 1798) – A, Ka, Dd, Dk, Nym
Crossocerus walkeri (Shuckard, 1837) – A, Dd
Crossocerus wesmaeli (Vander Linden, 1829) – A, Dd, Dk
Ectemnius borealis (Zetterstedt, 1838) (*nigrinus* Herrich-Schaeffer, 1841) – Ék
Ectemnius cavifrons (Thomson, 1870) – A, Dd, Dk, Ék, Nym
Ectemnius cephalotes (Olivier, 1792) (*quadricinctus* Fabricius 1787, sensu Móczár L. 1959) – mind.
Ectemnius confinis (Walker, 1871) (*laevigatus* De Stefani, 1884) – A, Ka, Dd, Dk, Ék

- Ectemnius continuus* (Fabricius, 1804) – mind.
Ectemnius crassicornis (Spinola, 1808) – A, Dd, Dk, Ék
Ectemnius dives (Lepeletier & Brullé, 1835) – mind.
Ectemnius fossorius (Linnaeus, 1758) – mind.
Ectemnius guttatus (Vander Linden, 1829) – Dd, Dk, Ék, Nym
Ectemnius lapidarius (Panzer, 1804) – mind.
Ectemnius lituratus (Panzer, 1804) – mind.
Ectemnius meridionalis (Costa, 1871) (*impressus* auct.) – A, Ka, Dd, Dk, Ék
Ectemnius nigritarsus (Herrich-Schaeffer, 1841) – A, Dd, Ék
Ectemnius rubicola (Dufour & Perris, 1840) – mind.
Ectemnius ruficornis (Zetterstedt, 1838) (*nigrifrons* Cresson, 1865) – A, Dd, Dk, Ék, Nym
Ectemnius rugifer (Dahlbom, 1845) – A, Ka, Dd, Dk, Nym
Ectemnius schlettereri (Kohl, 1888) – A, Ka, Dd, Dk
Ectemnius sexcinctus (Fabricius, 1775) (*zonatus* Panzer, 1797) – Ék
Ectemnius spinipes (Morawitz, 1866) – Nym
Entomognathus brevis (Vander Linden, 1829) – mind.
Entomognathus dentifer (Noskiewicz, 1929) – A, Ka, Dd, Dk, Nym
Lestica alata (Panzer, 1797) – A, Dd, Dk, Ék
Lestica clypeata (Schreber, 1759) – mind.
Lestica subterranea (Fabricius, 1775) – A, Dk
Lindenius albilabris (Fabricius, 1793) – mind.
Lindenius laevis Costa, 1871 – mind.
Lindenius mesopleuralis (Morawitz, 1890) – A
Lindenius panzeri (Vander Linden, 1829) – mind.
Lindenius parkanensis Zavadil, 1948 (*ponticus* Beaumont, 1956) – A, Dd, Dk
Lindenius pygmaeus armatus (Vander Linden, 1829) – mind.
Lindenius subaeneus Lepeletier & Brullé, 1834 – Ék
Oxybelus argentatus Curtis, 1833 – A, Dd, Ék
Oxybelus aurantiacus Mocsáry, 1883 – A, Dd, Dk
Oxybelus bipunctatus Olivier, 1811 – A, Ka, Dd, Dk, Nym
Oxybelus dissectus elegans Mocsáry, 1879 – A, Ék
Oxybelus latidens Gerstaecker, 1867 – A, Dd, Dk, Ék, Nym
Oxybelus latro Olivier, 1812 – A, Dd, Dk
Oxybelus lineatus (Fabricius, 1793) – A, Dd
Oxybelus maculipes Smith, 1856 – A
Oxybelus mandibularis Dahlbom, 1845 – A, Ka, Dd, Dk
Oxybelus mucronatus (Fabricius, 1793) – A, Ka, Dd, Dk, Nym
Oxybelus quattordecimnotatus Jurine, 1807 – mind.
Oxybelus subspinosus Klug, 1835 – A, Dk
Oxybelus trispinosus (Fabricius, 1787) – Dd, Dk, Ék, Nym
Oxybelus uniglumis (Linnaeus, 1758) – mind.
Oxybelus variegatus Wesmael, 1852 – mind.
Oxybelus victor Lepeletier, 1845 – mind.
Rhopalum austriacum (Kohl, 1899) – A, Ka, Dd, Nym
Rhopalum beaumonti Móczár, 1957 – Dk
Rhopalum clavipes (Linnaeus, 1758) – mind.
Rhopalum coarctatum (Scopoli, 1763) – A, Ka, Dd, Dk, Ék
Rhopalum gracile Wesmael, 1852 (*nigrinum* Kiesenwetter, 1849, nec *Crabro nigrinus* H.-Schaeffer., 1829) – A, Ka, Dd, Dk
Tracheliodes curvitaris (Herrich-Schaeffer, 1841) – A, Dd, Ék

Entomosericinae

- Entomosericus concinnus* Dahlbom, 1845 – A (Ext.)
Entomosericus kaufmanni Radoszkowski, 1877 – Dk (Ext.)

Nyssoninae

- Alysson pertheesi* Gorski, 1852 – A (Ext.)
Alysson ratzeburgi Dahlbom, 1843 – A (Ext.)
Alysson spinosus (Panzer, 1801) – mind.
Alysson tricolor Lepeletier & Serville, 1825 – A, Dd, Dk, Nym
Argogorytes fargeii (Shuckard, 1837) (*campestris* auct., nec *Vespa campestris* Linnaeus, 1761) – A, Dd, Dk, Ék
Argogorytes mystaceus (Linnaeus, 1761) (*Vespa campestris* Linnaeus, 1761) – mind.
Bembecinus hungaricus (Frivaldszky, 1876) – A, Dd
Bembecinus tridens (Fabricius, 1781) – A, Ka, Dd, Dk
Bembix bidentata Vander Linden, 1892 – A
Bembix megerlei Dahlbom, 1845 – A, Dd
Bembix oculata Panzer, 1801 – A, Dd
Bembix olivacea Fabricius, 1787 – A, Dk
Bembix rostrata (Linnaeus, 1758) – A, Dd, Dk, Ék
Bembix tarsata Latreille, 1809 (*integra* Panzer, sensu Bajári 1957) – A, Dd, Dk
Brachystegus scalaris (Illiger, 1807) – A, Dd, Dk
Didineis crassicornis Handlirsch, 1888 – A, Dd
Didineis lunicornis (Fabricius, 1798) – A, Dd, Dk
Didineis wuestneii Handlirsch, 1888 – Dd (Ext.)
Gorytes albidulus (Lepeletier, 1832) – A, Ka, Dd, Dk,
Gorytes fallax Handlirsch, 1888 – mind.
Gorytes laticinctus (Lepeletier, 1832) – mind.
Gorytes nigrifacies (Mocsáry, 179) – Dk
Gorytes planifrons (Wesmael, 1852) – Ék, Nym
Gorytes pleuripunctatus (Costa, 1859) – A, Dd, Dk, Nym
Gorytes procrustes Handlirsch, 1888 – Dd, Dk, Nym
Gorytes quadrifasciatus (Fabricius, 1804) – mind.
Gorytes quiquecinctus (Fabricius, 1793) – mind.
Gorytes quinquefasciatus (Panzer, 1798) – Dd, Dk, Ék
Gorytes sulcifrons (Costa, 1869) – A, Dd, Dk
Harpactus affinis (Spinola, 1808) – A, Ka, Dd, Dk, Nym
Harpactus consanguineus (Handlirsch, 1888) – Ék
Harpactus elegans (Lepeletier, 1832) – A, Ka, Dd, Dk, Nym
Harpactus exiguus (Handlirsch, 1888) – Dd
Harpactus laevis (Latreille, 1792,) – A, Dd, Dk
Harpactus lunatus (Dahlbom, 1832) – Ka, Dd, Dk
Harpactus moravicus (Šnoflak, 1946) – A, Dd, Dk
Harpactus tauricus (Radoszkowski, 1884) – Dk
Harpactus tumidus (Panzer, 1801) – Dd, Dk
Hoplisoides craverii (Costa, 1869) – A, Dd, Dk
Hoplisoides latifrons (Spinola, 1808) – A, Dd, Dk
Hoplisoides punctuosus (Eversmann, 1849) (*punctatus* Kirschbaum, 1853) – A, Dd, Dk, Ék
Lestiphorus bicinctus (Rossi, 1794) – mind.
Lestiphorus bilunulatus Costa, 1869 – Dd, Dk
Mellinus arvensis (Linnaeus, 1758) – A, Dd, Dk, Ék
Mellinus crabroneus (Thunberg, 1791) (*Sphex sabulosus* Fabricius, 1787, nec *Sphex sabulosus* Linnaeus, 1758) – Dk
Nysson chevrieri Kohl, 1879 – Dk, Ék, Nym
Nysson dimidiatus Jurine, 1807 – A, Dd, Dk, Ék, Nym
Nysson fulvipes Costa, 1859 – A, Dd, Dk, Nym
Nysson interruptus (Fabricius, 1798) – A, Dd, Dk
Nysson maculosus (Gmelin, 1790) (*Sphex maculatus* Fabricius 1787, nec Drury, 1775) – mind.
Nysson niger Chevrier, 1868 – Dd, Ék
Nysson roubali Zavadil, 1937 – Dd, Dk
Nysson spinosus (Forster, 1771) – mind.

Nysson tridens Gerstaecker, 1867 – A, D, Dk, Ék, Nym
Nysson trimaculatus (Rossi, 1790) – A, Ka, Dd, Dk, Nym
Nysson variabilis Chevriér, 1867 (*friesei* Handlirsch, 1887) – Ka, Dd, Ék, Nym
Pasammaecius punctulatus (Vander Linden, 1829) – A, Dd
Stizoides tridentatus (Fabricius, 1775) – A
Stizus perrisii Dufour, 1838 – A

Philanthinae

Cerceris albofasciata (Rossi, 1790) – A, Dd, Dk, Ék
Cerceris arenaria (Linnaeus, 1758) – mind.
Cerceris bicincta Klug, 1835 – A, Dd, Dk
Cerceris bracteata Eversmann, 1849 – A, Dd, Dk, Ék
Cerceris bupresticida Dufour, 1841 – Dk
Cerceris circularis dacica Schletterer, 1887 – A, Ka, Dd, Dk, Ék
Cerceris eryngii Marquet, 1875 – A, Dd
Cerceris eversmanni Schulz, 1912 – Dd, Ék
Cerceris fimbriata (Rossi, 1790) (*funerea* Costa, 1869) – A, Dd, Dk, Ék
Cerceris flavilabris (Fabricius, 1793) (*ferreri* Vander Linden, 1829) – A, Dd, Dk, Nym
Cerceris hortivaga Kohl, 1880 – A, Dd, Dk, Ék, Nym
Cerceris interrupta (Panzer, 1799) – A, Dd, Dk, Ék, Nym
Cerceris quadricincta (Panzer, 1799) – A, Dd, Dk, Ék
Cerceris quadrifasciata (Panzer, 1799) – A, Dd, Dk, Ék
Cerceris quinquefasciata (Rossi, 1792) – mind.
Cerceris rubida (Jurine, 1807) – A, Dd, Dk, Ék, Nym
Cerceris ruficornis (Fabricius, 1793) (*cunicularia* Schrank, 1802) – mind.
Cerceris rybyensis (Linnaeus, 1771) – mind.
Cerceris sabulosa (Panzer, 1799) – mind.
Cerceris somotorensis Balthasar, 1956 (*beaumonti* Bajári, 1956) – A, Dd, Ék
Cerceris stratiotes Schletterer, 1887 – Dd, Dk
Cerceris tenuivittata Dufour, 1849 – A, Dd, Dk, Ék
Cerceris tuberculata (Villers, 1789) (*rufipes* Fabricius, 1787) – A, Dd, Dk
Philanthus coronatus (Thunberg, 1784) – Dd, Dk
Philanthus triangulum (Fabricius, 1775) – mind.
Philanthus venustus (Rossi, 1790) – A, Dd

Apidae

Colletinae

Colletes anchusae Noskiewicz, 1924 – Dd
Colletes collaris Dours, 1872 – A, Dd, Dk
Colletes cunicularius (Linnaeus, 1761) – mind.
Colletes daviesanus Smith, 1846 – mind.
Colletes floralis Eversmann, 1852 – Dk (Ext.)
Colletes fodiens (Geoffroy, 1785) – A, Dd, Dk, Nym
Colletes gallicus Radoszkowski, 1891 – A, Dd, Ék
Colletes graeffei Alfken, 1900 – Dd, Dk
Colletes hylaeiformis Eversmann, 1852, - A, Dd, Dk, Ék
Colletes inexpectatus Noskiewicz, 1936 – mind.
Colletes lebedewi Noskiewicz, 1936 – A, Dd, Dk, Ék
Colletes marginatus Smith, 1853 – mind.
Colletes mlokoszewiczi Radoszkowski, 1891 – Dd, Dk
Colletes nasutus Smith, 1853 – A, Dd, Dk, Ék, Nym
Colletes pallescens Noskiewicz, 1936 – A, Dd, Dk, Ék
Colletes punctatus Mocsáry, 1877 – A, Dd, k
Colletes similis Schenck, 1859 – mind.
Colletes spectabilis Morawitz, 1868 – A, Dd, Dk

- Colletes succinctus* (Linnaeus, 1758) – A, Dd, Dk, Nym
Hylaeus angustatus (Schenck, 1859) – mind.
Hylaeus annularis (Kirby, 1802) – mind.
Hylaeus annulatus (Linnaeus, 1758) – Ék, Nym
Hylaeus brevicornis Nylander, 1852 – mind.
Hylaeus cardioscapus Cockerell, 1924 – A, Ka, Dd, Dk, Nym
Hylaeus clypearis (Schenck, 1853) – A, Dk
Hylaeus communis Nylander, 1852 – mind.
Hylaeus confusus Nylander, 1852 – mind.
Hylaeus cornutus Curtis, 1831 – mind.
Hylaeus difformis (Eversmann, 1852) – A, Dd, Dk, Ék, Nym
Hylaeus duckei (Alfken, 1904) – A, Dd, Dk, Ék, Nym
Hylaeus euryscapus Förster, 1871 – A, Dd, Dk, Ék
Hylaeus gibbus Saunders, 1850 – mind.
Hylaeus gracilicornis (Morawitz, 1867) – A, Dd, Dk, Ék, Nym
Hylaeus gredleri Förster, 1871 – mind.
Hylaeus hyalinatus Smith, 1842 – mind.
Hylaeus imparilis Förster, 1871 – A, Dd, Dk
Hylaeus kahri Förster, 1871 – A, Dd, Dk
Hylaeus leptocephalus (Morawitz, 1870) (*bisinuatus* Förster, 1871) – A, Dd, Dk, Ék, Nym
Hylaeus lineolatus (Schenck, 1861) – A, Dd, Dk, Ék, Nym
Hylaeus meridionalis Förster, 1871 – A, Dd, Dk, Nym
Hylaeus moricei (Friese, 1898) (*moricella* Bischoff, 1954) – A, Ka, Dd, Dk
Hylaeus nigritus (Fabricius, 1798) – Dd, Dk, Ék, Nym
Hylaeus pectoralis Förster, 1871 – A, Ka, Dd, Dk
Hylaeus pfankuchi (Alfken, 1919) – A, Dd, Dk, Nym
Hylaeus pictipes Nylander, 1852 – A, Dd, Dk, Ék, Nym
Hylaeus punctatus (Brullé, 1832) – mind.
Hylaeus punctus Förster, 1871 – A, Ék, Nym
Hylaeus punctulatissimus Smith, 1842 – A, Dd, Dk, Ék, Nym
Hylaeus rinki (Gorski, 1852) – A, Ka, Dd, Dk
Hylaeus signatus (Panzer, 1798) (*Vespa pratensis* Fourcroy, 1785, nec *Vespa pratensis* Miller, 1759) – mind.
Hylaeus sinuatus (Schenck, 1853) (*Apis minuta* Fabricius, 1793, nec *Hylaeus minutus* Fabricius, 1798) – mind.
Hylaeus styriacus Förster, 1871 – A, Dd, Dk, Ék, Nym
Hylaeus trinotatus (Pérez, 1895) (*facialis* Pérez, 1895) – A, Ka, Dd, Dk
Hylaeus variegatus (Fabricius, 1798) – mind.

Andreninae

- Andrena aberrans* Eversmann, 1852 (*ratisbonensis* Stöckert, 1924) – Dk
Andrena aciculata Morawitz, 1886 – A, Dd, Dk
Andrena aeneiventris Morawitz, 1872 – mind.
Andrena agilissima (Scopoli, 1770) – mind.
Andrena albopunctata (Rossi, 1792) – A, Dk, Ék
Andrena alfkenella Perkins, 1914 – mind.
Andrena apicata Smith, 1847 – A, Dd, Dk
Andrena argentata Smith, 1844 – A, Dd, Dk, Ék
Andrena atrata Friese, 1887 – A, Dd, Dk
Andrena atrotregularis Hedicke, 1923 – A (Ext.)
Andrena barbilabris (Kirby, 1802) – A, Ka, Dd, Dk, Nym
Andrena bicolor Fabricius, 1775 – A, Dd, Dk, Ék, Nym
Andrena bimaculata (Kirby, 1802) – mind.
Andrena bisulcata Morawitz, 1877 – mind.
Andrena bluethgeni Stöckert, 1930 – A, Dd, Dk
Andrena braunsiana Friese, 1887 – Dd, Dk
Andrena bucephala Stephens, 1846 – Dd, Dk, Ék, Nym

- Andrena carantonica* Pérez, 1902 (*jacobi* Perkins, 1921, *sabulosa* auct.) – mind.
Andrena chrysopus Pérez, 1903 – A, Dd, Ék
Andrena chrysopyga Schenck, 1853 – A, Dd, Dk, Ék
Andrena chrysosceles (Kirby, 1802) – Ka, Dd, Ék
Andrena cineraria (Linnaeus, 1758) – A, Dd, Dk, Ék, Nym
Andrena clarkella (Kirby, 1802) – Dd, Dk, Nym
Andrena clypella hasitata Warncke, 1973 – A
Andrena coitana (Kirby, 1802) – Ék, Nym
Andrena combaella Warncke, 1966 – A, Dk, Nym
Andrena combinata (Christ, 1791) – Dd, Dk, Ék, Nym
Andrena congruens Schmiedeknecht, 1883 – Dd, Dk, Ék, Nym
Andrena cordialis Morawitz, 1877 – A, Dd, Dk
Andrena curvana Warncke, 1965 – Dd, Dk, Ék, Nym
Andrena curvungula Thomson, 1870 – A, Dd, Dk, Ék, Nym
Andrena decipiens Schenck, 1859 – A, Dd, Dk, Ék, Nym
Andrena denticulata (Kirby, 1802) – Dd, Dk, Ék, Nym
Andrena distinguenda Schenck, 1871 – Ka, Dd, Dk
Andrena dorsalis Brullé, 1832 – A, Dd, Dk, Ék, Nym
Andrena dorsata (Kirby, 1802) – mind.
Andrena enslinella Stöckert, 1924 – A, Dd
Andrena erythrocnemis Morawitz, 1870 – Dk
Andrena falsifica Perkins, 1915 – mind.
Andrena ferox Smith, 1847 – Dk, Ék, Nym
Andrena figurata Morawitz, 1866 – A (Ext.)
Andrena flavipes Panzer, 1799 – mind.
Andrena florea Fabricius, 1793 – A, Dd, Dk, Ék, Nym
Andrena floricola Eversmann, 1852 – A, Dd, Dk
Andrena florivaga Eversmann, 1852 – A, Ka, Dd, Dk
Andrena fucata Smith, 1847 – Dd, Dk, Ék, Nym
Andrena fulva (Müller, 1766) – Dd, Dk, Nym
Andrena fulvago (Christ, 1791) – Dd, Dk, Ék, Nym
Andrena fulvata Stöckert, 1930 – Dd, Dk, Ék, Nym
Andrena fulvicornis Scheck, 1853 – mind.
Andrena fulvida Schenck, 1853 – Dd, Dk, Ék
Andrena fuscipes (Kirby, 1802) – Nym
Andrena fuscosa Erichson, 1835 – A, Dd, Dk, Ék
Andrena gallica Schmiedeknecht, 1883 – A (Ext.)
Andrena gelriae Van der Vecht, 1927 – Dk, Ék
Andrena granulosa Pérez, 1902 – Nym
Andrena graecella Warncke, 1965 – Dk
Andrena gravida Imhoff, 1832 – mind.
Andrena haemorrhoea (Fabricius, 1781) – mind.
Andrena hattorfiana (Fabricius, 1775) – mind.
Andrena hedikae Jaeger, 1934 – A, Dd, Dk
Andrena helvola (Linnaeus, 1758) – A, Dd, Dk, Ék, Nym
Andrena hesperia Smith, 1853 – A, Ék (Ext.)
Andrena humilis Imhoff, 1832 – A, Dd, Dk, Ék, Nym
Andrena hungarica Friese, 1887 – A, Dk, Ék, Nym
Andrena hypopolia Schmiedeknecht, 1883 – A, Dd, Dk, Ék
Andrena impunctata Pérez, 1895 – A, Ka, Dd, Dk, Ék
Andrena incisa Eversmann, 1852 – Dk (Ext.)
Andrena intermedia Thomson, 1870 – A, Dk, Dd
Andrena ispida Warncke, 1965 – A
Andrena labialis (Kirby, 1802) – mind.
Andrena labiata Fabricius, 1781 – mind.

- Andrena lagopus* Latreille, 1809 – A, Ka, Dd, Dk, Nym
Andrena lathyri Alfken, 1899 – A, Dd, Dk, Ék, Nym
Andrena lepida Schenck, 1859 – A, Dk
Andrena limata Smith, 1853 – mind.
Andrena limbata Eversmann, 1852 – A, Ék (Ext.)
Andrena majalis Morawitz, 1876 – A
Andrena marginata Fabricius, 1776 – mind.
Andrena mehelyi Alfken, 1936 – Dd
Andrena minutula (Kirby, 1802) – mind.
Andrena minutuloides Perkins, 1914 – mind.
Andrena mitis Schmiedeknecht, 1883 – A, Ka, Dd, Dk
Andrena mocsaryi Schmiedeknecht, 1883 – A, Dd, Dk
Andrena morio Brullé, 1832 – A, Dd, Dk, Ék
Andrena mucida Kriechbaumer, 1873 – Dk
Andrena nana (Kirby, 1802) – Ka, Dd, Nym
Andrena nanaeformis Noskiewicz, 1925 – A
Andrena nanula Nylander, 1848 – mind.
Andrena nasuta Giraud, 1863 – A, Dd, Dk, Nym
Andrena nigroaenea (Kirby, 1802) – mind.
Andrena nitida (Müller, 1776) – mind.
Andrena nitidiuscula Schenck, 1853 – mind.
Andrena niveata Friese, 1887 – A, Dd, Dk
Andrena nobilis Morawitz, 1874 – A, Dd, Dk, Ék
Andrena nuptialis Pérez, 1902 – Nym
Andrena nyctemera Imhoff, 1868 – A, Dd, Dk
Andrena oralis Morawitz, 1876 – A, Dd, Dk
Andrena orenburgensis Schmiedeknecht, 1883 – A
Andrena ovatula (Kirby, 1802) – mind.
Andrena pallitarsis Pérez, 1903 – A, Dd, Dk, Ék, Nym
Andrena pandellei Pérez, 1895 – A, Dd, Dk, Ék, Nym
Andrena parviceps Kriechbaumer, 1873 – Ék (Ext.)
Andrena paucisquama Noskiewicz, 1924 – Dd, Dk, Ék
Andrena pellucens Pérez, 1895 – Dd, Nym
Andrena pilipes Fabricius, 1781 (*carbonaria* auct.)
Andrena pilichi Noskiewicz, 1939 – A, Ka, Dd, Dk, Ék
Andrena polita Smith, 1847 – Dd, Dk, Ék, Nym
Andrena pontica Warncke, 1972 – Dk, Ék
Andrena potentillae Panzer, 1809 – A, Dd, Dk, Ék
Andrena praecox (Scopoli, 1763) – mind.
Andrena propinqua Schenck, 1853 (*dorsata propinqua* Schck.) – mind.
Andrena proxima (Kirby, 1802) – mind.
Andrena pusilla Pérez, 1903 – A, Dd, Dk
Andrena pyropygia Kriechbaumer, 1873 – A
Andrena rosae Panzer, 1801 – mind.
Andrena roseipes Alfken, 1933 – A, Dd
Andrena ruficrus Nylander, 1848 – Dk, Ék
Andrena rufula Schmiedeknecht, 1883 – A, Dd, Dk, Ék, Nym
Andrena rugulosa Stöckert, 1935 – A, Dk
Andrena saxonica Stöckert, 1935 – A, Dd, Dk
Andrena schencki Morawitz, 1866 – A, Dd, Dk, Ék, Nym
Andrena schlettereri Friese, 1896 – A, Dd, Dk
Andrena scita Eversmann, 1852 – A, Dd, Dk, Ék
Andrena semilaevis Pérez, 1903 (*saundersella* Perkins, 1914) – Ék
Andrena seminuda Friese, 1896 – mind.
Andrena sericata Imhoff, 1868 – A, Ka, Dd, Dk

Andrena similis Smith, 1849 – Dd, Dk, Ék, Nym
Andrena simontornyella Noskiewicz, 1939 – A, Ka, Dd, Dk, Ék
Andrena strohmeilla Stöckert, 1928 – Dd, Dk, Ék, Nym
Andrena subopaca Nylander, 1848 – mind.
Andrena suerinensis Friese, 1884 – A, Ka, Dd, Dk, Ék
Andrena susterai Alfken, 1914 – Ka, Dd, Dk, Ék, Nym
Andrena symphyti Schmiedeknecht 1883 – mind.
Andrena synadelpha Perkins, 1914 – Dd (Ext.)
Andrena taraxaci Giraud, 1861 – mind.
Andrena tarsata Nylander, 1848 – Dk (Ext.)
Andrena thoracica (Fabricius, 1775) – A, Dd, Dk, Ék
Andrena tibialis (Kirby, 1802) – mind.
Andrena transitoria Morawitz, 1871 – A (Ext.)
Andrena tridentata (Kirby, 1802) – Dd
Andrena trimmerana (Kirby, 1802) – A, Dd, Dk, Nym
Andrena truncatilabris Morawitz, 1877 – A, Dd, Dk
Andrena tscheki Morawitz, 1872 – A, Dd, Dk, Ék
Andrena ungeri Mavromoustakis, 1952 – A Dd
Andrena vaga Panzer, 1799 – A, Ka, Dd, Dk
Andrena variabilis Smith, 1853 – A, Ka, Dd, Dk, Ék
Andrena varians (Kirby, 1802) – mind.
Andrena ventralis Imhoff, 1832 – A, Ka, Dd, Dk
Andrena ventricosa Dours, 1873 – A, Dd, Dk, Ék, Nym
Andrena viridescens Viereck, 1916 – mind.
Andrena wilkella (Kirby, 1802) A, Dd, Dk, Ék, Nym
Camptopoeum friesei Mocsáry, 1894 – A, Dk
Camptopoeum frontale (Fabricius, 1804) – A, Dd, Dk,
Melitturga clavicornis (Latreille, 1806) – A, Dd, Dk, Ék, Nym
Panurginus labiatus (Eversmann, 1852) – A, Ka, Dd, Dk,
Panurgus calcaratus (Scopoli, 1763) – mind.

Halictinae

Dufourea dentiventris (Nylander, 1848) – Dk, Ék, Nym
Dufourea inermis (Nylander, 1848) – Dd, Dk, Ék
Dufourea minuta Lepeletier, 1841 (*halictula* Nylander, 1852) – Dk
Dufourea vulgaris Schenck, 1861 – Dd, Dk, Nym
Halictus asperulus Pérez, 1895 – A, Dd, Dk
Halictus brunescens (Eversmann, 1852) (*aegyptiacus* Friese, 1916) – A, Dd, Dk, Ék
Halictus cochlearitarsis Dours, 1872 – A
Halictus confusus Smith, 1853 – A, Dd, Dk, Ék
Halictus eurygnathus Blüthgen, 1931 – mind.
Halictus fulvipes (Klug, 1817) – A, Dk, Nym
Halictus gavarnicus Pérez, 1903 – A, Ék
Halictus kessleri Bramson, 1879 – mind.
Halictus langobardicus Blüthgen, 1944 – A, Dd, Dk, Ék, Nym
Halictus leucaheneus Ebmer, 1972 (*fasciatus* auct., nec Nylander, 1848) – mind.
Halictus maculatus Smith, 1848 – mind.
Halictus patellatus Morawitz, 1873 – A, Dk, Ék
Halictus pollinosus Sichel, 1860 (*mucoreus* Ev., sensu Móczár M. 1967) – A, Dd, Dk, Ék
Halictus quadricinctus (Fabricius, 1776) – A, Dd, Dk, Ék, Nym
Halictus rubicundus (Christ, 1791) – mind.
Halictus sajoii Blüthgen, 1923 (*veneticus* sensu Móczár 1967, nec Ebmer, 1969) – A, Dd, Dk
Halictus scabiosae (Rossi, 1790) – A, Dd, Dk, Ék, Nym
Halictus seladontus (Fabricius, 1794) (*geminatus* Pérez, 1903) – mind.
Halictus semitectus Morawitz, 1874 – A, Dd, Dk

- Halictus sexcinctus* (Fabricius, 1775) – mind.
Halictus simplex Blüthgen, 1923 – mind.
Halictus smaragdulus Vachal, 1895 – A, Ka, Dd, Dk, Ék
Halictus subauratus (Rossi, 1792) – mind.
Halictus tectus Radoszkowski, 1875 (*vestitus* auct., nec Lepeletier, 1841) – A, Dd, Dk
Halictus tetrazonius (Klug, 1817) (*galileus* Blüthgen, 1955) – A, Dk, Nym
Halictus tumulorum (Linnaeus, 1758) – mind.
Lasioglossum aeratum (Kirby, 1802) (*Halictus viridiaeneus* Blüthgen, 1918) – mind.
Lasioglossum albipes (Fabricius, 1781) – mind.
Lasioglossum albocinctum (Lucas, 1846) (*Halictus albomaculatus* Lucas, 1846) – A, Dd
Lasioglossum angusticeps (Perkins, 1895) – Dd
Lasioglossum bischoffi (Blüthgen, 1931) – Dd
Lasioglossum bluethgeni Ebmer, 1971 (*Halictus hirtiventris* Blüthgen, 1923, nec *Lasioglossum hirtiventre* Cockerell, 1922) – A, Dd, Dk, Ék, Nym
Lasioglossum brevicorne (Schenck, 1869) – A, Dd, Dk, Ék, Nym
Lasioglossum brevicorne aciculatum (Blüthgen, 1930) – A, Dd, Dk
Lasioglossum buccale (Pérez, 1903) – A, Dd, Dk
Lasioglossum calceatum (Scopoli, 1763) – mind,
Lasioglossum clypeare (Schenck, 1853) – A, Dd, Dk, Nym
Lasioglossum convexiusculum (Schenck, 1853) – A, Dd, Dk
Lasioglossum corvinum (Morawitz, 1878) – A, Dd, Dk
Lasioglossum costulatum (Kriechbaumer, 1873) – A, Dd, Dk, Ék
Lasioglossum crassepunctatum (Blüthgen, 1923) – A, Dd, Ék, Nym
Lasioglossum damascenum (Pérez, 1911) (*Halictus semitomentosus* Blüthgen, 1923) – Dd, Dk, Ék
Lasioglossum discum (Smith, 1853) (*Halictus morbillosus* Kriechbaumer, 1873) – A, Ka, Dd, Dk, Ék
Lasioglossum elegans (Lepeletier, 1841) – A, Dd, Dk, Ék
Lasioglossum euboense (Strand, 1909) – A, Dd, Dk, Ék, Nym
Lasioglossum fratellum Pérez, 1903 (*Halictus niger* Viereck, 1903) – Dk, Ék
Lasioglossum fulvicorne (Kirby, 1802) – A, Dd, Dk, Ék
Lasioglossum glabriusculum (Morawitz, 1872) – mind.
Lasioglossum griseolum (Morawitz, 1872) – A, Ka, Dd, Dk, Ék
Lasioglossum intermedium (Schenck, 1869) – A, Dd, Dk, Ék
Lasioglossum interruptum (Panzer, 1798) – A, Dd, Dk, Ék, Nym
Lasioglossum kussariense (Blüthgen, 1924) – Dd, Dk
Lasioglossum laeve (Kirby, 1802) – A, Dd, Dk, Ék, Nym
Lasioglossum laterale (Brullé, 1832) – A, Ka, Dd, Dk
Lasioglossum laevigatum (Kirby, 1802) – Ka, Dd, Dk, Ék, Nym
Lasioglossum laticeps (Schenck, 1869) – mind.
Lasioglossum lativentre (Schenck, 1853) – mind.
Lasioglossum leucopum (Kirby, 1802) – A, Dd, Dk, Ék, Nym
Lasioglossum leucozonium (Schränk, 1781) – mind.
Lasioglossum limbellum (Morawitz, 1876) – A, Ék
Lasioglossum lineare (Schenck, 1869) – mind.
Lasioglossum lissonotum (Noskiewicz, 1925) – Nym
Lasioglossum lucidulum (Schenck, 1861) – A, Dd, Dk, Ék
Lasioglossum majus (Nylander, 1852) – A, Dd, Dk, Ék
Lasioglossum malachurum (Kirby, 1802) – mind.
Lasioglossum mandibulare (Morawitz, 1867) – A, Dk
Lasioglossum marginatum (Brullé, 1832) – mind.
Lasioglossum marginellum (Schenck, 1853) – A, Dd, Dk, Nym
Lasioglossum mesosclerum (Pérez, 1903) – A, Dd, Dk, Ék
Lasioglossum minutissimum (Kirby, 1802) – A, Ka, Dd, Dk, Nym
Lasioglossum minutulum (Schenck, 1853) – mind.
Lasioglossum morio (Fabricius, 1793) – mind.
Lasioglossum nigripes (Lepeletier, 1841) – mind.

- Lasioglossum nitidiusculum* (Kirby, 1802) – mind.
Lasioglossum nitidulum (Fabricius, 1804) (*Halictus continentalis* Blüthgen, 1944) – mind.
Lasioglossum obscuratum (Morawitz, 1804) – A, Dd, Dk, Ék
Lasioglossum pallens (Brullé, 1832) – A, Ka, Dd, Dk, Ék
Lasioglossum parvulum (Schenck, 1853) (*Melitta minuta* Kirby, 1802, nec *Apis minuta* Schrank, 1781) – Ka, Dd, Dk, Ék
Lasioglossum pauxillum (Schenck, 1853) – mind.
Lasioglossum podolicum (Noskiewicz, 1924) – Dd, Dk
Lasioglossum politum (Scheck, 1853) – mind.
Lasioglossum pseudocaspicum (Blüthgen, 1923) – Dd, Dk
Lasioglossum punctatissimum (Schenck, 1853) – mind.
Lasioglossum puncticolle (Morawitz, 1872) – A, Ka, Dd, Dk, Ék
Lasioglossum pygmaeum (Schenck, 1853) – A, Dd, Dk, Ék, Nym
Lasioglossum quadrinotatum (Schenck, 1853) – A, Dd, Dk, Nym
Lasioglossum quadrinotatum (Kirby, 1802) – A, Dk, Dk
Lasioglossum quadrisignatum (Schenck, 1853) – A, Dd, Ék, Nym
Lasioglossum rufitarse (Zetterstedt, 1838) – A, Dk, Ék, Nym
Lasioglossum samaricum (Blüthgen, 1935) – A
Lasioglossum semilucens (Alfken, 1914) – A, Dd, Dk, Ék, Nym
Lasioglossum setulellum (Strand, 1909) – A, Dd, Dk, Ék
Lasioglossum setulosum (Strand, 1909) – A, Dd, Dk, Ék, Nym
Lasioglossum sexnotatum (Kirby, 1802) (*Andrena nitida* Panzer, 1798, nec *Apis nitida* Müller, 1776) – mind.
Lasioglossum sexstrigatum (Schenck, 1869) – mind.
Lasioglossum subfasciatum (Imhoff, 1832) – A, Ék, Dd, Dk, Ék
Lasioglossum subhirtum (Lepeletier, 1841) (*malachurops* Cockerell, 1937) – A, Dd, Nym
Lasioglossum tarsatum (Schenck, 1869) – A, Dd, Dk, Ék
Lasioglossum trichopygum (Blüthgen, 1923) – mind.
Lasioglossum tricinatum (Schenck, 1874) – Dd, Dk, Ék, Nym
Lasioglossum truncaticolle (Morawitz, 1877) – A, Dd, Dk
Lasioglossum villosulum (Kirby, 1802) – mind.
Lasioglossum xanthopus (Kirby, 1802) – A, Dd, Dk, Ék
Lasioglossum zonolum (Smith, 1848) – mind.
Nomia diversipes Latreille, 1806 – A, Dd, Dk, Ék
Nomia femoralis (Pallas, 1773) – A, Dd, Dk, Ék
Nomia unidentata Olivier, 1811 (*ruficornis* Spinola, 1838) – A, Dd, Dk
Nomioides minutissimus (Rossi, 1790) – A, Dd, Dk
Nomioides variegatus (Olivier, 1798) – A, Dd, Dk
Rhophitoides canus (Eversmann, 1852) – mind.
Rophites algerus Pérez, 1903 – Dd, Dk
Rophites hartmanni Friese, 1902 – mind.
Rophites quiquespinosus Spinola, 1808 (*pillichi* Blüthgen, sensu Móczár M. 1967, *bluetgeni* Benedek, 1973) – mind.
Sphecodes albilabris (Fabricius, 1793) – mind.
Sphecodes alternatus Smith, 1853 – mind.
Sphecodes crassus Thomson, 1870 – A, Dd, Dk, Ék, Nym
Sphecodes cristatus Hagens, 1882 – A, Dd, Dk
Sphecodes croaticus Meyer, 1822 – A, Dd, Dk, Ék, Nym
Sphecodes ephippius (Linnaeus, 1767) – mind.
Sphecodes ferruginatus Hagens, 1882 – mind.
Sphecodes geofrellus (Kirby, 1802) (*fasciatus* Hagens, 1882) – Dd, Dk
Sphecodes gibbus (Linnaeus, 1758) – mind.
Sphecodes hyalinatus Hagens, 1882 – Ék, Nym
Sphecodes intermedius Blüthgen, 1923 – A, Dd, Dk
Sphecodes longulus Hagens, 1882 – A, Ka, Dd, Dk, Ék
Sphecodes majalis Pérez, 1903 – Dd, Dk
Sphecodes marginatus Hagens, 1882 – Dd

Sphcodes miniatus Hagens, 1882 – mind.
Sphcodes monilicornis (Kirby, 1802) – mind.
Sphcodes niger Hagens, 1874 – A, Dd, Dk, Ék, Nym
Sphcodes pellucidus Smith, 1845 – mind.
Sphcodes pseudofasciatus Blüthgen, 1924 – Ka, Dd, Dk, Nym
Sphcodes puncticeps Thomson, 1870 – mind.
Sphcodes reticulatus Thomson, 1870 – A, Ka, Dd, Dk, Nym
Sphcodes rubicundus Hagens, 1875 – A, Dd, Dk, Ék
Sphcodes rufiventris (Panzer, 1798) (*subovalis* Schenck, 1853) – A, Dd, Dk, Ék, Nym
Sphcodes scabricollis Wesmael, 1865 – A, Ka, Dd, Dk, Nym
Sphcodes spinulosus Hagens, 1875 – A, Ka, Dd, Dk
Systropha curvicornis (Scopoli, 1770) – mind.
Systropha planidens Giraud, 1861 – A, Dd, Dk

Melittinae

Dasypoda argentata (Panzer, 1809) – A, Dk, Ék
Dasypoda braccata Eversmann, 1852 – A, Ék
Dasypoda hirtipes (Fabricius, 1793) (*plumipes* Fabricius, 1797) – mind.
Dasypoda suripes (Christ, 1791) (*mixta* Radoszkowski, 1886) – A, Dk
Macropis europaea Warncke, 1973 (*labiata* auct.) – mind.
Macropis frivaldszkyi Mocsáry, 1878 – A, Dd, Dk
Macropis fulvipes (Fabricius, 1804) – A, Dd, Dk, Ék, Nym
Melitta budensis (Mocsáry, 1878) – Dk. (Ext.)
Melitta dimidiata Morawitz, 1876 – A, Dd, Dk, Ék, Nym
Melitta haemorrhoidalis (Fabricius, 1775) – Dd, Dk, Ék, Nym
Melitta leporina (Panzer, 1799) – A, Dd, Dk, Ék, Nym
Melitta moczari Tanács, 1985 – A
Melitta nigricans Alfken, 1905 – A, Ka, Dd, Dk, Nym
Melitta tricineta Kirby, 1802 – A, Dd, Dk, Ék, Nym
Melitta wankowiczi (Radoszkowski, 1891) – Dk

Megachilinae

Anthidium barbatum Mocsáry, 1884 – A (Ext.)
Anthidium byssinum (Panzer, 1798) – Dd, Dk, Ék, Nym
Anthidium cingulatum Latreille, 1809 – A, Dd, Dk, Ék
Anthidium florentinum (Fabricius, 1775) – A, Ka, Dd, Dk, Ék
Anthidium interruptum (Fabricius, 1781) – A, Dd, Dk
Anthidium laterale Latreille, 1809 – A, Dd, Dk, Ék
Anthidium loti Perris, 1852 (*variegatum* auct.) – A, Dk, Ék
Anthidium manicatum (Linnaeus, 1758) – mind.
Anthidium oblongatum (Illiger, 1806) – mind.
Anthidium punctatum Latreille, 1809 – Dd, Dk, Ék, Nym
Anthidium pubescens Morawitz, 1873 – A, Dk
Anthidium septemdentatum Latreille, 1809 – Dk (Ext.)
Anthidium septemspinusum Lepeletier, 1841 – A, Dd,
Anthidium strigatum (Panzer, 1805) – A, Dd, Dk, Ék, Nym
Anthidium tenellum Mocsáry, 1881 – A, Dd, Dk
Chelostoma campanularum (Kirby, 1802) (*florisomne* auct., nec Linnaeus, 1758) – mind.
Chelostoma distinctum (Stöckert, 1929) – A, Dd, Dk, Ék, Nym
Chelostoma emarginatum (Nylander, 1856) (*Heriades appendiculata* Morawitz, 1872) – mind.
Chelostoma florisomne (Linnaeus, 1758) (*Apis maxillosa* Linnaeus, 1767) – mind.
Chelostoma foveolatum (Morawitz, 1868) – Dd, Dk, Ék, Nym
Chelostoma handlirschi Schletterer, 1889 – A, Dd
Chelostoma rapunculi (Lepeletier, 1841) (*Heriades nigricornis* Nylander, 1848) – mind.
Chelostoma styriacum Schwarz & Gusenleitner, 1999 – Dd, Dk

- Chelostoma ventrale* Schletterer, 1889 – A, Dd, Dk, Ék, Nym
Coelioxys acanthura Illiger, 1806 – A (Ext.)
Coelioxys afra Lepeletier, 1841 – A, Dd, Dk, Ék, Nym
Coelioxys alata Förster, 1853 – Ka, Dd
Coelioxys aurolimbata Förster, 1853 – A, Dd, Dk, Ék, Nym
Coelioxys brevis Eversmann, 1852 – A, Dd, Dk
Coelioxys caudata Spinola, 1838 (*foersteri* Morawitz, 1872) – A, Dk
Coelioxys conoidea (Illiger, 1806) – A, Dd, Dk, Ék
Coelioxys echinata Förster, 1853 (*rufocaudata* auct.) – A Dd, Dk
Coelioxys elongata Lepeletier, 1841 – A, Dd, Dk, Ék
Coelioxys emarginata Förster, 1853 – A, Dd
Coelioxys haemorrhoea Förster, 1853 – A, Dd, Dk
Coelioxys inermis (Kirby, 1802) (*acuminata* Nylander, 1852) – mind.
Coelioxys mandibularis Nylander, 1843 – Dd, Dk, Ék
Coelioxys obtusa Pérez, 1884 – A, Dd
Coelioxys polycentris Förster, 1853 – A, Dd
Coelioxys quadridentata (Linnaeus, 1761) – A, Dd, Dk
Coelioxys rufescens Lepeletier & Serville, 1825 – A, Ka, Dd, Dk, Ék
Dioxys cincta (Jurine, 1807) – Dd, Dk
Dioxys pannonica Mocsáry, 1877 – Dd, Dk, Ék
Dioxys tridentata (Nylander, 1848) – A, Dd, Dk
Heriades crenulatus Nylander, 1856 – mind.
Heriades rubicola Pérez, 1890 – A, Dk
Heriades truncorum (Linnaeus, 1758) – mind.
Lithurgus chrysurus Fonscolombe, 1834 – A, Dd, Dk, Ék, Nym
Lithurgus cornutus (Fabricius, 1787) (*fuscipennis* Lepeletier, 1841) – A, Dd, Dk, Ék
Megachile albisecta (Klug, 1817) (*sericans* Fonscolombe, 1852) – Dd, Dk
Megachile apicalis Spinola, 1808 – A, Dd, Dk, Ék, Nym
Megachile bicoloriventris Mocsáry, 1878 – Dd, Dk
Megachile bombycina Radoszkowski, 1874 – A, Dd, Dk
Megachile centuncularis (Linnaeus, 1758) – mind.
Megachile circumcincta (Kirby, 1802) – A, Dd, Dk, Ék
Megachile deceptorica Pérez, 1890 – A, Dd
Megachile dorsalis Pérez, 1879 – A, Dd, Dk
Megachile ericetorum Lepeletier, 1841 – A, Dd, Dk, Ék, Nym
Megachile flabellipes Pérez, 1895 (*rubrimana* Morawitz, 1897) – A, Dd, Dk
Megachile genalis Morawitz, 1880 – A, Dd, Dk
Megachile hugarica (Mocsáry, 1877) (*syraensis* Radoszkowski, 1874) – Dd, Dk
Megachile lagopoda (Linnaeus, 1761) – A, Dd, Dk, Ék, Nym
Megachile leachella Curtis, 1828) (*argentata* auct., nec *Apis argentata* Fabricius, 1793) – A, Dd, Dk, Ék
Megachile lefebvrei Lepeletier, 1841 – Dd (Ext.)
Megachile leucomalla Gerstaecker, 1869 – A, Dd,
Megachile ligniseca (Kirby, 1802) – Ka, Dd, Dk
Megachile maacki Radoszkowski, 1874 – Dd (Ext.)
Megachile maritima (Kirby, 1802) – A, Dd, Dk, Ék, Nym
Megachile melanopyga Costa, 1863 – A, Dd, Dk, Ék
Megachile nigriventris Schenck, 1869 – Dd, Ék, Nym
Megachile octosignata Nylander, 1852 – A, Dd, Dk, Ék
Megachile parietina (Geoffroy, 1785) (*muraria* auct. nec Retzius, 1783) – A, Dd, Dk, Ék, Nym
Megachile pilicrus Morawitz, 1877 – A, Dd, Dk, Ék, Nym
Megachile pilidens Alfken, 1924 – mind.
Megachile pyrenaica Pérez, 1890 – Dk
Megachile rotundata (Fabricius, 1787) – mind.
Megachile versicolor Smith, 1844 – A, Dd, Dk, Ék
Megachile willoughbiella (Kirby, 1802) – mind.

- Osmia acuticornis* Dufour & Perris, 1840 – A, Dd, Dk, Nym
Osmia adunca (Panzer, 1808) – mind.
Osmia andreoides Spinola, 1808 – A, Dd, Dk, Ék
Osmia anthocopoides Schenck, 1853 (*caementaria* Gerstaecker, 1869) – A, Dd, Dk, Ék
Osmia aurulenta (Panzer, 1799) – mind.
Osmia bicolor (Schrank, 1781) – mind.
Osmia bidentata Morawitz, 1876 – A, Dd, Dk, Ék, Nym
Osmia bisulca Gerstaecker, 1869 – A, Dd, Dk
Osmia brevicornis (Fabricius, 1798) (*atrocoerulea* Schilling, 1849) – mind
Osmia caerulea (Linnaeus, 1758) – mind
Osmia cerinthidis Morawitz, 1872 – mind.
Osmia claviventris Thomson, 1872 (*leucomelana* auct. nec *Apis leucomelana* Kirby, 1802) – A, Dd, Dk, Ék, Nym
Osmia cornuta (Latreille, 1805) – mind.
Osmia dives Mocsáry, 1877 – Dk (Ext.)
Osmia fulva Eversmann, 1852 – A (Ext.)
Osmia gallarum Spinola 1808 – Dd, Dk, Ék
Osmia laevifrons Morawitz, 1872 – A, Dd
Osmia leaiana (Kirby, 1802) – A, Dd, Dk, Ék, Nym
Osmia leucomelana (Kirby, 1802) (*parvula* Dufour & Perris, 1840) – mind.
Osmia ligurica Morawitz, 1868 – Dd, Dk, Nym
Osmia lepeletieri Pérez, 1879 – Ék, Nym (Ext.)
Osmia loti Morawitz, 1867 – Nym
Osmia manicata Morice, 1901 – A, Dd, Dk
Osmia mazzucchi Schwarz & Gusenleitner, 2005 (*tenuispina* auct., nec Alfken, 1937) – A, Dd, Dk
Osmia melanogaster Spinola, 1808 – A, Dd, Dk, Ék, Nym
Osmia mitis Nylander, 1852 – Ék, Nym
Osmia mocsaryi Friese, 1895 – A, Dd
Osmia mustelina Gestsecker, 1869 (*emarginata* ssp. *mustelina* Gerst., sensu Warncke) – Dk, Ék
Osmia niveata (Fabricius, 1804) (*Apis fulviventris* Panzer, 1798, nec Scopoli, 1763) – A, Dd, Dk, Ék, Nym
Osmia papaveris (Latreille, 1799) – A, Dd, Dk, Ék
Osmia parietina Curtis, 1828 – Ék
Osmia pilicornis Smith, 1846 – Dd, Dk, Nym
Osmia praestans Morawitz, 1893 – A, Dd, Dk, Ék
Osmia princeps Morawitz, 1872 – A (Ext.)
Osmia ravouxi Pérez, 1902 – Dd, Dk, Ék
Osmia rufa (Linnaeus, 1758) (*bicornis* Linnaeus, 1758) – mind.
Osmia rufohirta Latreille, 1811 – A, Dd, Dk, Ék, Nym
Osmia scutellaris Morawitz, 1868 – Dk
Osmia spinulosa (Kirby, 1802) – mind.
Osmia tergestensis Ducke, 1897 – Dd, Dk, Nym
Osmia tridentata Dufour & Perris, 1840 – A, Dd, Dk, Ék, Nym
Stelis annulata (Lepelletier, 1841) (*frey-gessneri* Friese, 1885) – A (Ext.)
Stelis breviscula (Nylander, 1848) – mind.
Stelis jugae Noskiewicz, 1962 – Dd, Dk
Stelis minuta Lepelletier & Serville, 1825 – Dd, Dk, Ék, Nym
Stelis nasuta (Latreille, 1802) – Dk
Stelis odontopyga Noskiewicz, 1925 – Dd, Dk
Stelis ornatula (Klug, 1807) – A, Dd, Dk, Ék
Stelis phaeoptera (Kirby, 1802) – A, Dd, Dk, Ék, Nym
Stelis punctulatisima (Kirby, 1802) (*Apis aterrima* Panzer, 1798, nec Christ, 1794) – mind.
Stelis signata (Latreille, 1809) – A, Dd, Dk, Nym

Anthophorinae

- Amegilla albigena* (Lepelletier, 1841) – A, Dd, Dk
Amegilla garrula (Rossi, 1790) – A, Dd, Dk, Ék

- Amegilla magnilabris* (Fedtschenko, 1875) – A, Dd, Dk, Ék
Amegilla podagra (Lepeletier, 1841) – A, Dd, Dk (Ext.)
Amegilla quadrifasciata (Villers, 1789) – A, Dd, Dk, Ék, Nym
Amegilla salviae (Morawitz, 1856) – A, Dd, Dk, Ék
Ammobates melectoides Smith, 1846 – A (Ext.)
Ammobates punctatus (Fabricius, 1804) – A, Dd, Dk, Ék
Ammobates similis Mocsáry, 1895 – Dd, Ék
Ammobates vinctus Gerstaecker, 1869 – A, Dd, Dk
Ammobatoides abdominalis (Eversmann, 1852) – A, Dd, Dk
Anthophora aestivalis (Panzer, 1801) – A, Dd, Dk, Ék, Nym
Anthophora bimaculata (Panzer, 1798) – mind.
Anthophora borealis Morawitz, 1864 – A, Ék
Anthophora crinipes Smith, 1854 – mind.
Anthophora furcata (Panzer, 1798) – mind.
Anthophora plagiata (Illiger, 1806) (*Apis parietina* Fabricius, 1793, nec Geoffroy, 1785) – mind.
Anthophora plumipes (Pallas, 1772) (*acervorum* auct.) – mind.
Anthophora pubescens (Fabricius, 1781) – mind.
Anthophora quadrimaculata (Panzer, 1798) (*vulpina* Panzer, 1798, nec Christ, 1791) – mind.
Anthophora retusa (Linnaeus, 1758) – mind.
Biastes brevicornis (Panzer, 1798) – A, Dd, Dk, Ék
Biastes emarginatus (Schenck, 1853) – A, Dd, Dk, Ék, Nym
Ceratina acuta Friese, 1896 – A, Dd, Dk
Ceratina chalcites Germar, 1939 – A (Ext.)
Ceratina chalybea Chevrier, 1872 (*callosa* auct.) – mind.
Ceratina cucurbitina (Rossi, 1792) – A, Dd, Dk, Ék, Nym
Ceratina cyanea (Kirby, 1802) – mind.
Ceratina gravidula Gerstaecker, 1869 (*nigroaenea* Gerstaecker, 1869) – A, Dd, Dk, Ék, Nym
Ceratrina nigrolabiata Friese, 1896 – A, Dd, Dk
Epeoloides coecutiens (Fabricius, 1775) – mind.
Epeolus cruciger (Panzer, 1799) – A, Dd, Dk, Ék, Nym
Epeolus fasciatus Friese, 1895 – A, Dk, Ék
Epeolus schummeli Schilling, 1849 – A, Dd, Dk, Ék
Epeolus variegatus (Linnaeus, 1758) – mind.
Eucera caspica perezii Mocsáry, 1879 – Dk, Ék
Eucera cineraria Lepeletier, 1841 – A, Dd, Dk, Ék
Eucera curvitaris Mocsáry, 1879 – A, Dk, Ék
Eucera clypeata Erichson, 1835 – A, Dd, Dk, Ék
Eucera dalmatica Lepeletier, 1841 – A (Ext.)
Eucera excisa Mocsáry, 1879 – A, Dd
Eucera interrupta Baer, 1850 – mind.
Eucera longicornis (Linnaeus, 1758) – mind.
Eucera nigrescens Pérez, 1879 (*tuberculata* auct.) – mind.
Eucera nigrifacies Lepeletier, 1841 – A, Dd, Dk, Ék
Eucera nitidiventris Mocsáry, 1879 – A, Ka, Dd, Dk, Ék
Eucera parvicornis Mocsáry, 1878 – A, Dd, Dk, Ék
Eucera parvula Friese, 1895 – Dd
Eucera pollinosa Smith, 1854 – A, Dd, Dk, Ék
Eucera seminuda Brullé, 1832 – A, Dd, Dk, Ék
Eucera similis Lepeletier, 1841 – A, Dd, Dk
Eucera spectabilis Mocsáry, 1879 – A, Dd, Dk
Eucera taurica Morawitz, 1870 – A, Dd, Dk, Ék
Habropoda zonatula Smith, 1851 – A (Ext.)
Melecta albifrons (Forster, 1771) (*Apis punctata* Fabricius, 1775, *armata* Panzer, 1799) – mind.
Melecta funeraria Smith, 1854 – A, Ék (Ext.)
Melecta luctuosa (Scopoli, 1770) – A, Dd, Dk, Ék, Nym

- Nomada alboguttata* Herrich-Schaeffer, 1839 – A, Dd, Dk, Ék, Nym
Nomada argentata Herrich-Schaeffer, 1839 – A, Dd, Dk
Nomada armata Herrich-Schaeffer, 1839 – mind.
Nomada atroscutellaris Strand, 1921 – Dd, Dk, Ék, Nym
Nomada baccata hrubanti Balthasar, 1958 – A, Dd, Dk, Ék
Nomada basalis Herrich-Schaeffer, 1839 – A, Dd, Dk, Ék
Nomada bifasciata Olivier, 1811 (*pusilla lepeletieri* Pérez, 1884) – mind.
Nomada bispinosa Mocsáry, 1883 – A, Dd, Dk, Ék
Nomada blepharipes Schmiedeknecht, 1882 – A, Dd, Ék
Nomada bluethgeni Stöckert, 1943 – mind.
Nomada braunsiana Schmiedeknecht, 1882 – A, Dd, Dk, Nym
Nomada calimorpha Schmiedeknecht, 1882 – A, Dd, Dk, Ék
Nomada castellana Dusmet, 1913 (*baeri* Stöckert, 1930) – A, Dd, Dk, Ék, Nym
Nomada chrysopyga Morawitz, 1872 – A, Dd, Dk, Ék, Nym
Nomada concolor Schmiedeknecht, 1882 – A (Ext.)
Nomada confinis Schmiedeknecht, 1882 – A (Ext.)
Nomada conjungens Herrich-Schaeffer, 1839 – Ka, Dd, Dk, Ék, Nym
Nomada corcyraea Schmiedeknecht, 1882 – A, Dk
Nomada cruenta Schmiedeknecht, 1882 – A, Dd, Dk
Nomada dira Schmiedeknecht, 1882 – A, Dk, Ék, Nym
Nomada distinguenda Morawitz, 1874 – A, Dd, Dk, Ék, Nym
Nomada errans Lepeletier, 1841 – Dd, Dk, Nym
Nomada erythrocephala Morawitz, 1869 – Dd, Dk, Nym
Nomada fabriciana (Linnaeus, 1767) – A, Dd, Dk, Ék, Nym
Nomada facilis Schwarz, 1967 – A, Dd, Dk, Ék, Nym
Nomada femoralis Morawitz, 1869 – mind.
Nomada ferruginata (Linnaeus, 1767) – A, Dd, Dk
Nomada flava Panzer, 1798 – mind.
Nomada flavoguttata (Kirby, 1802) – mind.
Nomada flavopicta (Kirby, 1802) – A, Dd, Dk, Ék, Nym
Nomada fucata Panzer, 1798 – mind.
Nomada fulvicornis Fabricius, 1793 (*lineola* Panzer, 1798) – A, Dd, Dk, Ék, Nym
Nomada furva Panzer, 1798 – A, Dd, Dk, Ék, Nym
Nomada furvoides Stöckert, 1944 – A, Dd, Dk, Ék, Nym
Nomada fuscicornis Nylander, 1848 – A, Dd, Dk, Nym
Nomada glaucopsis Pérez, 1884 – A, Ék, Nym (Ext.)
Nomada goodeniana (Kirby, 1802) – mind.
Nomada guttulata Schenck, 1861 – mind.
Nomada hirtipes Pérez, 1884 – A, Dd, Dk, Ék
Nomada hungarica Dalla Torre, & Friese, 1895 – A, Dd, Dk (Ext.)
Nomada immaculata Morawitz, 1873 – A, Ka, Ék (Ext.)
Nomada imperialis Schmiedeknecht, 1882 – A, Dk, Ék (Ext.)
Nomada incisa Schmiedeknecht, 1882 – A, Dd
Nomada insignipes Schmiedeknecht, 1882 – A
Nomada integra Brullé, 1832 (*cinctiventris* Friese, 1920) – Dd, Dk, Ék, Nym
Nomada kohli Schmiedeknecht, 1882 – A, Dd, Dk, Ék, Nym
Nomada lathburiana (Kirby, 1802) – A, Dd, Dk, Nym
Nomada leucophthalma (Kirby, 1802) – A, Dd, Dk, Ék
Nomada marshalli (Kirby, 1802) – A, Dd, Dk, Ék
Nomada mauritanica manni Morawitz, 1871 – A, Dd, Dk, Ék (Ext.)
Nomada melanopyga Schmiedeknecht, 1882 – mind.
Nomada melathoracica Imhoff, 1834 – A, Dk, Ék, Nym
Nomada mocsaryi Schmiedeknecht, 1882 – A, Dk, Nym (Ext.)
Nomada mutabilis Morawitz, 1870 – A, Dd, Dk
Nomada mutica Morawitz, 1872 – Dk, Nym

- Nomada nobilis* Herrich-Schaeffer, 1839 – A, Dd, Dk, Ék
Nomada noskiewiczzi Schwarz, 1966 – Dk
Nomada oculata Friese, 1899 – A, Ék (Ext.)
Nomada obscura Zetterstedt, 1838 – A
Nomada obtusifrons Nylander, 1848 – A, Dk
Nomada opaca Alfken, 1913 – Nym
Nomada panzeri Lepeletier, 1841 – A, Dd, Dk, Ék, Nym
Nomada pectoralis Morawitz, 1877 – A, Dk (Ext.)
Nomada piccioliana Magretti, 1883 – Dk
Nomada platythorax Schwarz, 1981 – Dd, Ék
Nomada pleurosticta Herrich-Schaeffer, 1839 – A, Dd, Dk
Nomada posthuma Blüthgen, 1949 – Dd, Dk
Nomada pulchra Arnold, 1888 – A (Ext.)
Nomada pygidialis Schwarz, 1981 – A
Nomada rhenana Morawitz, 1872 – mind.
Nomada rostrata Herrich-Schaeffer, 1839 – A, Dd, Dk, Ék
Nomada ruficornis (Linnaeus, 1758) (*bifida* Thomson, 1872) – A, Dd, Dk, Ék, Nym
Nomada rufipes Fabricius, 1793 – A, Dd, Dk, Ék, Nym
Nomada sexfasciata Panzer, 1799 – mind.
Nomada sheppardana (Kirby, 1802) (*minuscula* Noskiewicz, 1930) – A, Dd, Dk, Ék, Nym
Nomada signata Jurine, 1807 – A, Dd, Dk, Ék, Nym
Nomada stigma Fabricius, 1804 – A, Dd, Dk, Ék, Nym
Nomada stoekcherti Pittoni, 1951 – Dk
Nomada striata Fabricius, 1793 (*hillana* Kirby, 1802, *dzieduszyckii* Noskiewicz, 1924) – A, Dd, Dk, Ék, Nym
Nomada succincta Panzer, 1798 (*fulvicornis* Fabr., sensu Móczár & Schwarz 1982) – mind.
Nomada sybarita Schmiedeknecht, 1882 – A, Dk
Nomada symphyti Stöckert, 1930 – A, Dd, Dk, Ék, Nym
Nomada tenella Mocsáry, 1883 – A, Dk, Ék
Nomada thersites Schmiedeknecht, 1883 – A
Nomada trapeziformis Schmiedeknecht, 1882 – Dd
Nomada tridentirostris Dours, 1837 (*integra* Brullé 1832, sensu Móczár & Schwarz 1968) – A, Dd, Dk, Ék, Nym
Nomada trispinosa Schmiedeknecht, 1882 – mind.
Nomada verna Schmiedeknecht, 1882 – A, Dd, Dk
Nomada villosa Thomson, 1870 – Dd, Dk, Nym
Nomada zonata Panzer, 1798 – A, Dd, Dk
Parammobatodes minutus (Mocsáry, 1878) – A, Dd, Dk
Pasites maculatus Jurine, 1807 – A, Dd, Dk, Ék
Tetralonia alticincta (Lepeletier, 1841) (*ruficornis* auct.) – A, Dd, Dk, Ék, Nym
Tetralonia alternans Brullé, 1832 – A (Ext.)
Tetralonia armeniaca Morawitz, 1878 – A, Dd
Tetralonia dentata (Klug, 1835) – A, Dd, Dk, Ék
Tetralonia fulvescens Giraud, 1863 (*dufourii* Pérez, 1879) – Dd, Dk
Tetralonia graja (Eversmann, 1852) – A, Dd, Dk
Tetralonia hungarica (Friese, 1895) – A, Ka, Dd, Dk, Ék
Tetralonia lyncea Mocsáry, 1879 – A, Dk
Tetralonia macroglossa (Illiger, 1806) – mind.
Tetralonia nana Morawitz, 1873 – A, Dd, Dk, Ék
Tetralonia pollinosa (Lepeletier, 1841) – A, Dd, Dk, Ék
Tetralonia salicariae (Lepeletier, 1841) – A, Dd, Dk, Ék, Nym
Tetralonia scabiosae Mocsáry, 1879 – A, Dd, Dk, Ék, Nym
Tetralonia tricincta (Erichson, 1835) – A, Dd, Dk, Ék
Thyreus affinis (Morawitz, 1873) – A, Dd, Dk
Thyreus histrionicus (Illiger, 1806) – A, Dk, Ék
Thyreus orbatus (Lepeletier, 1841) – A, Dd, Dk, Ék, Nym
Thyreus ramosus (Lepeletier, 1841) mind.

Thyreus truncatus (Pérez, 1883) – A, Dd, Dk, Ék, Nym
Triepeolus tristis (Smith, 1854) – A, Dd, Dk, Ék
Xylocopa iris (Christ, 1791) (*cyanescens* Brullé, 1832) – A, Dd, Dk, Ék, Nym
Xylocopa valga Gerstaecker, 1872 – mind.
Xylocopa violacea (Linnaeus, 1758) – mind.

Apinae

Apis mellifera Linnaeus, 1758 – mind.
Bombus argillaceus (Sopoli, 1763) – A, Ka, Dd, Dk, Nym
Bombus barbutellus (Kirby, 1802) – mind.
Bombus bohemicus Seidl, 1838 – A, Dd, Dk, Ék, Nym
Bombus campestris (Panzer, 1801) – mind.
Bombus confusus Schenck, 1861 – A, Dd, Dk, Ék, Nym
Bombus distinguendus Moravitz, 1869 – Nym
Bombus elegans Seidl, 1837 – A, Dd, Ék, Nym
Bombus fragrans (Pallas, 1771) – A, Dd (Ext.)
Bombus gerstaeckeri Morawitz, 1882 – Ék
Bombus haematurus Kriechbaumer, 1870 – Dd, Dk, Nym
Bombus hortorum (Linnaeus, 1761) – mind.
Bombus humilis Illiger, 1806 (*helferanus* Seidl, 1837) – mind.
Bombus hypnorum (Linnaeus, 1758) – Dd, Dk, Ék
Bombus laesus Morawitz, 1875 – A, Dd, Dk
Bombus lapidarius (Linnaeus, 1758) – mind.
Bombus lucorum (Linnaeus, 1761) – A, Dd, Dk, Ék, Nym
Bombus maxillosus Klug, 1817 – A, Dk, Ék
Bombus muscorum (Linnaeus, 1758) – mind.
Bombus paradoxus Dalla Torre, 1882 – A, Dd, Dk, Nym
Bombus pascuorum (Scopoli, 1763) (*agrorum* Fabricius, 1787) – mind.
Bombus pomorum (Panzer, 1805) – mind.
Bombus pratorum (Linnaeus, 1761) – A, Dd, Dk, Ék, Nym
Bombus ruderarius (Müller, 1776) (*derhamellus* Kirby, 1802) – mind.
Bombus ruderatus Fabricius, 1775 – mind.
Bombus rupestris (Fabricius, 1793) – mind.
Bombus quadricolor (Lepeletier, 1832) – Dk
Bombus serrisquama Morawitz, 1888 – A
Bombus soroensis (Fabricius, 1776) – Dd, Ék
Bombus subterraneus (Linnaeus, 1758) – A, Dd, Dk, Ék, Nym
Bombus sylvarum (Linnaeus, 1761) – mind.
Bombus sylvestris (Lepeletier, 1832) – Ék, Nym
Bombus terrestris (Linnaeus, 1758) (*cryptarum* Fabricius, 1775) – mind.
Bombus vestalis (Geoffroy, 1758) – mind.
Bombus wurflenii Radoszkowski, 1859 – Ék

Literature

- BAJÁRI, E. 1956: A csomósdarazsak (*Cerceris* Latr.) faunakatalógusa (Cat. Hym., VIII.). – *Folia entomologica hungarica* 9: 79-88.
 BAJÁRI, E. 1957: Kaparódarázs alkatúak I. – Sphecoidea I. – In: Magyarország Állatvilága - Fauna Hungariae XIII/7: 1-117.
 BENEDEK, P. 1970: Adatok a Tapolca-patak és környéke rovarfaunájához, I. – Kaparódarazsak (Sphecoidea). – *Folia entomologica hungarica* 23: 93-112.
 BENEDEK, P. 1979: A Bakony-hegység kaparódarázs (Hym., Sphecoidea) faunájának állatföldrajzi vizsgálata. – *Veszprém Megyei Múzeumok Közleményei* 14: 221-237.

- DOLLFUSS, H. 1991: Bestimmungsschlüssel der Grabwespen Nord- und Zentraleuropas (Hymenoptera, Sphecidae), mit speziellen Angaben zur Grabwespenfauna Österreichs. – *Stapfia* 24: 1-247.
- EBMER, A. W. 1988: Kritische Liste der nicht-parasitischen Halictidae Österreichs mit Berücksichtigung aller mitteleuropäischen Arten (Insecta: Hymenoptera: Apoidea = Halictidae). – *Linzer biologische Beiträge* 20/2: 527-711.
- JÓZAN, ZS. 1971: Néhány adat Dél-Dunántúl méhalkatú (Hym., Apoidea) faunájához. – *Folia entomologica hungarica* 24(8): 109-117.
- JÓZAN, ZS. 1983: The Scoliid and Sphecoid wasps fauna of the Hortobágy National Park (Hymenoptera). – In MAHUNKA, S. (ed.): *The Fauna of the Hortobágy National Park, I.* – Akadémiai Kiadó, Budapest pp. 303-306.
- JÓZAN, ZS. 1985: Dél-Dunántúl kaparódarázs (Hymenoptera, Sphecoidea) faunájának alapvetése. – *Fundamental faunistic data on Sphecoid wasps (Hymenoptera, Sphecoidea) of South Transdanubia, Hungary* – *Janus Pannonius Múzeum Évkönyve* 29 (1984): 53-86.
- JÓZAN, ZS. 1990a: A Zselic méhszerű (Hymenoptera, Apoidea) faunájának alapvetése. – *The Apoidea (Hymenoptera) fauna of the Zselic Downs.* – *A Janus Pannonius Múzeum Évkönyve* 34 (1989): 81-92.
- JÓZAN, ZS. 1990b: The Scolioidea, Sphecoidea and Apoidea fauna of the Bátorliget Nature Reserves (Hymenoptera, Aculeata). – In: MAHUNKA, S. (ed.) *The Bátorliget Nature Reserves – after forty years, 1990:* 601-621.
- JÓZAN, ZS. 1993: The Scolioidea and Sphecoidea fauna of the Bükk National Park (Hymenoptera). – In: MAHUNKA, S. (ed.) *The Fauna of the Bükk National Park* pp. 411-421.
- JÓZAN, ZS. 1996: A Mecsek méhszerű faunája (Hymenoptera, Apoidea). – *The Apoidea (Hymenoptera) fauna of the Mecsek Mountains (Hungary: South Transdanubia).* – *A Janus Pannonius Múzeum Évkönyve* 40 (1995): 29-43.
- JÓZAN, ZS. 1998: A Duna-Dráva Nemzeti Park fullánkos hártýásszárnyú (Hymenoptera, Aculeata) faunája. – *The Aculeata fauna of the Duna-Dráva National Park, Hungary (Hymenoptera, Aculeata).* – *Dunántúli Dolgozatok Természettudományi Sorozat* 9: 291-327.
- JÓZAN, ZS. 2000a: Újabb adatok a Bakony kaparódarázs faunájának (Hymenoptera, Sphecoidea) ismeretéhez – Further data to the knowledge of the Sphecoid fauna (Hymenoptera: Sphecoidea) of the Bakony Mountains. – *Folia Musei Historico-naturalis Bakonyiensis* 15 (1996): 101-123.
- JÓZAN, ZS. 2000b: A Villányi-hegység fullánkos hártýásszárnyú (Hymenoptera, Aculeata) faunája. – *The Aculeata (Hymenoptera) fauna of the Villány Hills, South Hungary.* – *Dunántúli Dolgozatok Természettudományi Sorozat* 10: 267-283.
- JÓZAN, ZS. 2001: Somogy megye fullánkos hártýásszárnyú (Hymenoptera, Aculeata) faunája. – *The Aculeata fauna of Somogy county.* – In: ÁBRAHÁM, L. (ed) *Catalogue of the Fauna of Somogy County.* – *Natura Somogyiensis* 1: 269-293.
- JÓZAN, ZS. 2002a: A Mecsek kaparódarázs faunájának (Hymenoptera: Sphecoidea) faunisztikai, állatföldrajzi és ökofunisztikai vizsgálata. – *Faunistical, zoogeographical and ecofaunistical investigation on the Sphecoids fauna of the Mecsek Mountains (Hymenoptera, Sphecoidea)* – *Natura Somogyiensis* 3: 45-56.
- JÓZAN, ZS. 2002b: Az Őrség és környéke fullánkos hártýásszárnyú faunájának alapvetése (Hymenoptera, Aculeata). – *Praenoria Folia Historico-naturalia* 6: 59-96.
- JÓZAN, ZS. 2002c: Scolioidea, Sphecoidea and Apoidea (Hymenoptera) from the Fertő-Hanság National Park. – In: MAHUNKA, S. (ed.): *The fauna of the Fertő-Hanság National Park.* – *Hungarian Natural History Museum, Budapest:* 597-616.
- JÓZAN, ZS. 2006: A Mecsek fullánkos hártýásszárnyú faunája (Hymenoptera, Aculeata). – *The Aculeata (Hymenoptera) fauna of the Mecsek Mountains, South Hungary.* – In: FAZEKAS I. (ed.) *The fauna of the Mecsek Mts I, Hungary.* – *Folia comloensis* 15: 219-238.
- JÓZAN, ZS. 2007: Újabb adatok a Zselic fullánkos hártýásszárnyú (Hymenoptera, Aculeata) faunájának ismeretéhez. – *New data to the Aculeata fauna of the Zselic hills (Hymenoptera, Aculeata).* – *Somogyi Múzeumok Közleményei, B – Természettudomány* 17(2006): 169-182.
- JÓZAN, ZS. 2008: Új kaparódarázs fajok (Hymenoptera, Sphecidae) Magyarországi faunájában. – *New sphecoid wasps (Hymenoptera, Sphecidae) in the fauna of Hungary.* – *Somogyi Múzeumok Közleményei* 18: 81-83.
- JÓZAN, ZS. 2010: Újabb fullánkos hártýásszárnyú (Hymenoptera, Aculeata) fajok Somogyból. – *New data to the fauna of Aculeata (Hymenoptera) in Somogy county (Hungary)* – *Natura Somogyiensis* 17: 251-256.
- MÓCZÁR, L. 1958: A Crabroninae (Fam.: Sphecidae) alcsoalád faunakatalógusa. (Cat. Hym. XIII.). – *Folia entomologica hungarica* 11: 189-216.
- MOCSÁRY, S. 1897: Hymenoptera – in: *Magyar Birodalom állatvilága, Fauna Regni Hungariae:* 1-113.

- MÓCZÁR, L. 1959: Kaparódarázs alkatúak II. – Sphecoidea II. – in: Magyarország Állatvilága - Fauna Hungariae XIII/8: 1-87.
- MÓCZÁR, L., SCHWARZ, M. 1968: A *Nomada*-, *Ammobates*-, *Pasites*- és *Parammobatodes* nemek faunakatalógusa (Cat. Hym. XXIII.). – *Folia entomologica hungarica* 21: 339-360.
- MÓCZÁR, L. & SCHWARZ, M. 1970: A *Sphecodes* Latr. fajok faunakatalógusa (Cat. Hym., XXIV.). – *Folia entomologica hungarica*, 23: 209-219.
- MÓCZÁR, L. & WARNCKE, K. 1972: Faunenatalog der Gattung *Andrena* Fabricius (Cat. Hym. XXVI.). – *Acta Biologica Szeged*, 18: 185-221.
- MÓCZÁR, M. 1953: A dongóméhek (*Bombus* Latr.) faunakatalógusa (Cat. Hym. IV.). – *Folia entomologica hungarica* 6: 197-228.
- MÓCZÁR, M. 1955: Az *Eucera* Latr., *Tetralonia* Spin., *Melitturga* Latr. és az *Ammobatoidea* Rad. nemzetségek faunakatalógusa (Cat. Hym. VII.). – *Folia entomologica hungarica* 8: 11-130.
- MÓCZÁR, M. 1956: A pelyhéméhek (*Anthidium* Fabr.) faunakatalógusa és etológiai adatai (Cat. Hym., IX.). – *Folia entomologica hungarica* 9: 211-222.
- MÓCZÁR, M. 1957a: Méhfélék – Apidae. – In: Magyarország Állatvilága (Fauna Hungariae), XIII/13.: 1-75.
- MÓCZÁR, M. 1957b: A hazai földiméh-félék (*Melittidae*) faunakatalógusa és etológiai adatai (Cat. Hym. XI.). – *Folia entomologica hungarica* 10: 457-471.
- MÓCZÁR, M. 1958a: Művészméhek – *Megachilidae*. – In: Magyarország Állatvilága (Fauna Hungariae), XIII. 12.: 1-78.
- MÓCZÁR, M. 1958b: A bundásméhek (*Anthophora* Latr.) és fészekelősködők, a gyász- és foltosméhek (*Melecta* Latr., *Crocisa* Latr.) revíziója, faunakatalógusa és etológiai adatai (Cat. Hym. XIV.). – *Folia entomologica hungarica* 11: 403-421.
- MÓCZÁR, M. 1959: Az *Epeolus* Latr., a *Ceratina* Latr. és a *Psithyrus* Lep. nemek (Fam.: Apidae) faunakatalógusa és etológiai adatai (Cat. Hym. XVI.). – *Folia entomologica hungarica* 12: 461-480.
- MÓCZÁR, M. 1960: Ősméhek – Földiméhek. – *Colletidae* – *Melittidae*. In: Magyarország Állatvilága (Fauna Hungariae) XIII/11.: 1-64.
- MÓCZÁR, M. 1961a: A Kárpát-medence ősméheinek – *Colletidae* – revíziója, faunakatalógusa és etológiai adatai I., Álarcosméhek – *Prosopis* F. (Cat. Hym. XVIII.). *Folia entomologica hungarica* 14: 143-161.
- MÓCZÁR, M. 1961b: A Kárpát-medence ősméheinek – *Colletidae* – revíziója, faunakatalógusa és etológiai adatai II., Selyemméhek – *Colletes* Latr. (Cat. Hym. XIX.). *Folia entomologica hungarica* 14.: 403. 411.
- MÓCZÁR, M. 1967: Karcsuméhek. – *Halictidae*. – In: Magyarország Állatvilága (Fauna Hungariae) XIII/9.: 1-116.
- SCHWARZ, M. 1981: 1. Beitrag zur *Nomada*-Fauna der Türkei (Hymenoptera, Apoidea) – *Entomofauna, Zeitschrift für Entomologie* 2: 357-414.
- SCHWARZ, M. & GUSENLEITNER, F. & MAZZUCCO, K. 1999: Weitere Angaben zur Bienenfauna Österreichs Vorstudie zu einer Gesamtbearbeitung der Bienen Österreichs III (Hymenoptera, Apidae) – *Entomofauna, Zeitschrift für Entomologie* 20: 461-524
- TANÁCS, L. 1975: The Apoidea (Hymenoptera) of the Tisza-dam. – *Tiscia* (Szeged) 10: 55-66.
- TANÁCS, L. 1979: Protected areas of the flood plain of the Lower-Tisza region, their Apoidea insects population and the connections of these with nutritive plants. – *Tiscia* (Szeged) 14: 187-196.
- TANÁCS, L., JÓZAN, ZS. 1985: The Apoidea (Hymenoptera) fauna of the Kiskunság National Park. – In: MAHUNKA, S. (ed.): The Fauna of the Kiskunság National Park, I. – Akadémiai Kiadó, Budapest pp. 401-425.
- TANÁCS, L., JÓZAN, ZS. 1993: The Apoidea fauna of the Bükk National Park. – In: MAHUNKA, S. (ed.): The fauna of the Bükk National Park. – Hungarian Natural History Museum, Budapest pp. 423-444.
- TANÁCS, L., JÓZAN, ZS. 1999: The Apoid fauna of the Aggtelek National Park (Hymenoptera) – In: MAHUNKA, S. (ed): The Fauna of the Aggtelek National Park – Hungarian Natural History Museum, Budapest pp. 591-608.

