

Check-list of Blattaria, Mantodea, Orthoptera and Dermaptera of the Czech and Slovak Republics

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Abstract

The list of all 14 Blattaria, 1 Mantodea, 124 Orthoptera and 7 Dermaptera recognized species of the Czech and Slovak Republics is presented including the information about their presence in the individual historical countries.

In the territory of the Czech Republic the first works about orthopteroid insects were published in the middle of the 19th century (SEIDL 1836, FIEBER 1853). These studies were followed by several studies dated around the beginning of the 20th century (KREJČÍ 1896, 1903, HAURY & NICKERL 1905, CZIŽEK 1905, 1915, 1917, ZACHER 1907, 1913). In Slovakia orthopteroid insects were studied initially by Austria-Hungarian authors (FRIWALDSKY 1867, PUNGUR 1891, 1899, CHYZER 1897 and EBNER 1914). After the comprehensive monograph (OBENBERGER 1926) the research of orthopteroid insects increased and till 1998 nearly 500 works were published. The only check-list was completed by MAŘAN & ČEJCHAN (1977).

From that time the number of species increased, which is based partly on the discovery of new species and partly on the inclusion of species that were previously overlooked. Beside that several species were described and there were some taxonomic and nomenclatoric changes. On the other hand some species have probably extinct.

The Check-list is based especially on recent findings and on the revision of specimens deposited in the majority of important museums and private collections. Old data from the literature were accepted only in species, which occurrence is possible regarding to their known geographic distribution. Species not documented with relevant collection specimens are marked by ?, specimens not found after 1965 are marked by †. Within each families and subfamilies, the names are listed alphabetically.

The Czech Republic is traditionally divided into two main countries (Fig. 1): Bohemia and Moravia (including the Czech part of Silesia). We have accepted this division commonly used in the Czech faunistic and floristic works.

The classification of Orthoptera has been based on the recent European Check-list (HELLER et al. 1998), the classification of Blattaria has been adopted from PRINCIS (1960) and the classification of Dermaptera from STEINMANN (1989).

Abbreviations:

B - Bohemia

M - Moravia

S - Slovakia

† - old data, species not recorded after 1965

? - disputed data, the occurrence is necessary to confirm

i - introduced species

s - synantropic species

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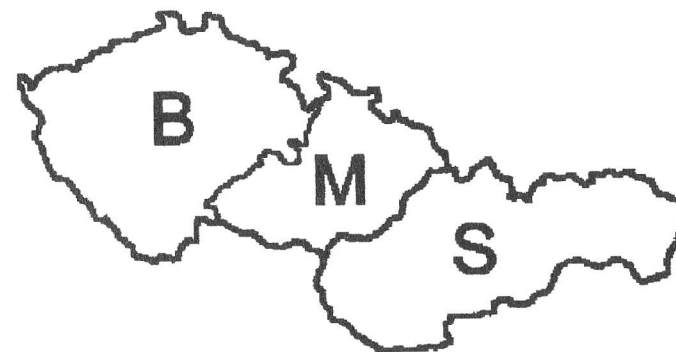


Fig. 1.: Map showing the borders of the regions mentioned in the check-list

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BLATTARIA

Blattidae

Blatta orientalis Linnaeus, 1758

Periplaneta americana (Linnaeus, 1758)

B^{s,i} M^{s,i} S^{s,i}
B^{s,i} M^{s,i} S^{s,i}

<i>Periplaneta australasiae</i> (Fabricius, 1775)	B ^{s,i}	M ^{s,i}	S ^{s,i}
<i>Periplaneta brunnea</i> Burmeister, 1838	B ^{s,i}		
Blattellidae			
<i>Blatella germanica</i> (Linnaeus, 1767)	B ^{s,i}	M ^{s,i}	S ^{s,i}
<i>Supella longipalpa</i> (Fabricius, 1798)	B ^{s,i}		
Ectobiidae			
<i>Ectobius erythronotus nigricans</i> Ramme, 1923		M	S
<i>Ectobius lapponicus</i> (Linnaeus, 1758)	B	M	S
<i>Ectobius sylvestris</i> (Poda, 1761)	B	M	S
<i>Phyllodromica harzi</i> Chládek, 1977			S
<i>Phyllodromica hungarica</i> Vidlička, 1993			S
<i>Phyllodromica chladeki</i> Harz, 1977			S
<i>Phyllodromica maculata maculata</i> (Schreber, 1781)	B	M	S
<i>Phyllodromica maculata schaefferi</i> (Gmelin, 1790)			S
<i>Phyllodromica megerlei megerlei</i> Fieber, 1853	B	M	S
MANTODEA			
Mantidae			
<i>Mantis religiosa</i> Linnaeus, 1758	B ⁱ	M	S
ORTHOPTERA			
Ensifera			
Tettigoniioidea			
Tettigoniidae			
Phaneropterinae			
<i>Barbitistes constrictus constrictus</i> Br. v. Wattenwyl, 1878	B	M	S
<i>Barbitistes serricauda serricauda</i> (Fabricius, 1798)	B ^{†,?}	M	S
<i>Isophya beybienkoi</i> Mařan, 1958			S
<i>Isophya brevipennis</i> Brunner von Wattenwyl, 1878			S
<i>Isophya camptoxypha</i> (Fieber, 1853)			S
<i>Isophya kraussi</i> Brunner von Wattenwyl, 1878	B	M	S
<i>Isophya posthumoidalis</i> Bazyluk, 1971			S
<i>Isophya stysi</i> Čejchan, 1957			S
<i>Leptophyes albobittata</i> (Kollar, 1833)	B	M	S
<i>Leptophyes boscii</i> Fieber, 1853	B		S
<i>Leptophyes discoidalis</i> (Frivaldsky, 1867)			S
<i>Leptophyes punctatissima</i> (Bosc, 1792)	B		
<i>Phaneroptera falcata</i> (Poda, 1761)		M	S
<i>Phaneroptera nana nana</i> Fieber, 1853			S
<i>Poecilimon fussi</i> Brunner von Wattenwyl, 1878			S
<i>Poecilimon intermedius</i> (Fieber, 1853)		M	S
<i>Poecilimon schmidtii</i> (Fieber, 1853)			S
<i>Polysarcus denticauda</i> (Charpentier, 1825)	B [†]	M	S
Meconematinae			
<i>Meconema thalassinum</i> (Degeer, 1773)	B	M	S

Conocephalinae			
<i>Conocephalus fuscus</i> (Fabricius, 1793)	B	M	S
<i>Conocephalus dorsalis dorsalis</i> (Latreille, 1804)	B	M	S
<i>Ruspolia nitidula</i> (Scopoli, 1786)		M [†]	S
Tettigoniinae			
<i>Decticus verrucivorus verrucivorus</i> (Linnaeus, 1758)	B	M	S
<i>Gampsocleis glabra</i> (Herbst, 1786)		M [†]	S
<i>Metrioptera bicolor bicolor</i> (Philippi, 1830)	B	M	S
<i>Metrioptera brachyptera</i> (Linnaeus, 1758)	B	M	S
<i>Metrioptera roeselii roeselii</i> (Hagenbach, 1822)	B	M	S
<i>Pachytrachis gracilis</i> (Brunner von Wattenwyl, 1861)			S
<i>Pholidoptera aptera aptera</i> (Fabricius, 1793)		M	S
<i>Pholidoptera aptera bohémica</i> Mařan, 1953	B		
<i>Pholidoptera aptera slovacica</i> Mařan, 1953			S
<i>Pholidoptera fallax</i> (Fischer, 1853)		M [†]	S
<i>Pholidoptera frivaldskyi</i> (Herman, 1871)			S
<i>Pholidoptera griseoaptera</i> (Degeer, 1773)	B	M	S
<i>Pholidoptera transsylvanica</i> (Fischer, 1853)			S
<i>Platycleis affinis affinis</i> Fieber, 1853			S
<i>Platycleis albopunctata albopunctata</i> (Goeze, 1778)	B		
<i>Platycleis albopunctata grisea</i> (Fabricius, 1781)	B	M	S
<i>Platycleis montana montana</i> (Kollar, 1833)		M	S
<i>Platycleis vittata</i> (Charpentier, 1825)		M	S
<i>Pterolepis germanica</i> (Herrich-Schäffer, 1840)			S [†]
<i>Tettigonia cantans</i> (Füssli, 1775)	B	M	S
<i>Tettigonia caudata caudata</i> (Charpentier, 1842)	B	M	S
<i>Tettigonia viridissima</i> Linnaeus, 1758	B	M	S
Saginae			
<i>Saga pedo pedo</i> (Pallas, 1771)		M	S
Bradyporinae			
<i>Ephippiger ephippiger vitium</i> (Serville, 1831)		M	S
Gryllacridoidea			
Rhaphidophoridae			
Rhaphidophorinae			
<i>Tachycines asynamorus</i> Adelung, 1902	B ^{s,i}	M ^{s,i}	S ^{s,i}
Troglophilinae			
<i>Troglophillus cavicola</i> (Kollar, 1833)		M ⁱ	
Grylloidea			
Gryllotalpidae			
<i>Gryllotalpa gryllotalpa</i> (Linnaeus, 1758)	B	M	S
Myrmecophilidae			
<i>Myrmecophilus acervorum</i> (Panzer, 1799)	B	M	S
Gryllidae			
Nemobiinae			
<i>Nemobius sylvestris sylvestris</i> (Bosc, 1792)	B	M	S

<i>Pteronemobius heydenii</i> (Fischer, 1853)	M	S	
Gryllinae			
<i>Acheta domesticus</i> (Linnaeus, 1758)	B ^{s,i}	M ^{s,i}	S ^{s,i}
<i>Eumodicogryllus bordigalensis bordigalensis</i> (Latreille, 1804)		M [†]	S
<i>Gryllus campestris</i> Linnaeus, 1758	B	M	S
<i>Melanogryllus desertus</i> (Pallas, 1771)			S
<i>Modicogryllus frontalis</i> (Fieber, 1844)	B	M	S
Oecanthinae			
<i>Oecanthus pellucens pellucens</i> (Scopoli, 1763)	B	M	S
Caelifera			
Tridactyloidea			
Tridactylidae			
<i>Xya pfaendleri pfaendleri</i> (Harz, 1970)		M [?]	S
<i>Xya variegata</i> Latreille, 1809		M	S
Tetrigoidea			
Tetrigidae			
<i>Tetrix bipunctata</i> (Linnaeus, 1758)	B	M	S
<i>Tetrix bolivari</i> Saulcy, 1901		M [†]	S
<i>Tetrix ceperoi ceperoi</i> (Bolivar, 1887)	B [†]		S
<i>Tetrix fuliginosa</i> (Zetterstedt, 1828)			S
<i>Tetrix subulata</i> (Linnaeus, 1758)	B	M	S
<i>Tetrix tenuicornis</i> Sahlberg, 1893	B	M	S
<i>Tetrix tuerki tuerki</i> (Krauss, 1876)	B [†]	M	S
<i>Tetrix undulata</i> (Sowerby, 1806)	B	M	S
Acrididoidea			
Acrididae			
Calliptaminae			
<i>Calliptamus barbarus barbarus</i> (Costa, 1836)			S
<i>Calliptamus italicus</i> (Linnaeus, 1758)	B	M	S
Cyrtacanthacrididae			
<i>Anacridium aegyptium</i> (Linnaeus, 1764)	B ^{†,i}	M ^{†,i}	S ^{†,i}
Melanoplinae			
<i>Miramella alpina alpina</i> (Kollar, 1833)	B	M	S
<i>Miramella ebneri carpathica</i> Čejchan, 1958			S
<i>Odontopodisma rubripes</i> Ramme, 1931			S
<i>Odontopodisma decipiens decipiens</i> Ramme, 1951			S
<i>Podisma pedestris pedestris</i> (Linnaeus, 1758)		M [†]	S
<i>Pseudopodisma nagyi</i> Galvagni & Fontana, 1996		M	S
<i>Pseudopodisma transilvanica</i> Galvagni & Fontana, 1993			S
Catantopinae			
<i>Pezotettix giornae</i> (Rossi, 1794)			S
Acridinae			
<i>Acrida ungarica ungarica</i> (Herbst, 1786)		M ^{†,?}	S
Oedipodinae			
<i>Acrotylus insubricus insubricus</i> (Scopoli, 1786)			S

<i>Acrotylus longipes longipes</i> (Charpentier, 1845)			S
<i>Aiolopus strepens strepens</i> (Latreille, 1804)			S [†]
<i>Aiolopus thalassinus thalassinus</i> (Fabricius, 1781)		M	S
<i>Celes variabilis variabilis</i> (Pallas, 1771)		M [†]	S
<i>Epacromius coerulipes</i> (Ivanov, 1887)			S [†]
<i>Mecostethus parapleurus parapleurus</i> (Hagenbach, 1822)		M [†]	S
<i>Oedaleus decorus decorus</i> (Germar, 1826)		M [†]	S
<i>Oedipoda caerulescens caerulescens</i> (Linnaeus, 1758)	B	M	S
<i>Oedipoda germanica germanica</i> (Latreille, 1804)	B		
<i>Psophus stridulus stridulus</i> (Linnaeus, 1758)	B	M	S
<i>Sphingonotus caeruans cyanopterus</i> Charpentier, 1825		M	
<i>Sphingonotus caerulans caerulans</i> (Linnaeus, 1767)	B	M	S
<i>Stethophyma grossum</i> (Linnaeus, 1758)	B	M	S
Gomphocerinae			
<i>Acryptera fusca</i> (Pallas, 1773)		M [†]	S
<i>Acryptera microptera microptera</i> (Fischer de Waldheim, 1833)		M	
<i>Doclostaurus brevicollis</i> (Eversmann, 1848)		M	S
<i>Euchorthippus declivus</i> (Brisout de Barneville, 1849)		M	S
<i>Euchorthippus pulvinatus pulvinatus</i> (F. de Waldheim, 1846)	B	M	S
<i>Euthystira brachyptera brachyptera</i> (Ocskay, 1826)	B	M	S
<i>Gomphocerippus rufus</i> (Linnaeus, 1758)	B	M	S
<i>Chorthippus albomarginatus albomarginatus</i> (Degeer, 1773)	B	M	S
<i>Chorthippus apricarius apricarius</i> (Linnaeus, 1758)	B	M	S
<i>Chorthippus biguttulus biguttulus</i> (Linnaeus, 1758)	B	M	S
<i>Chorthippus biguttulus hedickei</i> Ramme, 1942		M	S
<i>Chorthippus brunneus brunneus</i> (Thunberg, 1815)	B	M	S
<i>Chorthippus dichrous</i> (Eversmann, 1859)		M	S
<i>Chorthippus dorsatus dorsatus</i> (Zetterstedt, 1821)	B	M	S
<i>Chorthippus mollis mollis</i> (Charpentier, 1825)	B	M	S
<i>Chorthippus montanus</i> (Charpentier, 1825)	B	M	S
<i>Chorthippus parallelus parallelus</i> (Zetterstedt, 1821)	B	M	S
<i>Chorthippus pullus</i> (Phillipi, 1830)	B	M	S
<i>Chorthippus scalaris scalaris</i> (Fischer de Waldheim, 1846)			S
<i>Chorthippus tatrae</i> (Harz, 1971)			S
<i>Chorthippus vagans</i> (Eversmann, 1848)	B	M	S
<i>Chrysochraon dispar dispar</i> (Germar, 1834)	B	M	S
<i>Myrmeleotettix antennatus</i> (Fieber, 1853)			S
<i>Myrmeleotettix maculatus maculatus</i> (Thunberg, 1815)	B	M	S
<i>Omocestus haemorrhoidalis haemorrhoidalis</i> (Charpentier, 1825)	B	M	S
<i>Omocestus petraeus</i> (Brisout de Barneville, 1856)		M	S
<i>Omocestus rufipes</i> (Zetterstedt, 1821)	B	M	S
<i>Omocestus viridulus</i> (Linnaeus, 1758)	B	M	S
<i>Stenobothrus crassipes</i> (Charpentier, 1825)	B	M	S

<i>Stenobothrus eurasius bohemicus</i> Mařan, 1958	B		S
<i>Stenobothrus eurasius slovacus</i> Mařan, 1958			S
<i>Stenobothrus fischeri</i> (Eversmann, 1848)			S
<i>Stenobothrus lineatus lineatus</i> (Panzer, 1796)	B	M	S
<i>Stenobothrus nigromaculatus nigromaculatus</i> (Herrich-Schäffer, 1840)	B	M	S
<i>Stenobothrus rubicundulus</i> Kruseman & Jeekel, 1967		M [†]	
<i>Stenobothrus stigmaticus stigmaticus</i> (Rambur, 1838)	B	M	S

DERMAPTERA

Labiduridae

<i>Labidura riparia</i> (Pallas, 1773)	B	M	S
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Spongiphoridae

<i>Labia minor</i> (Linnaeus, 1758)	B	M	S
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Forficulidae

<i>Anechura bipunctata</i> (Fabricius, 1781)		M	S
<i>Apterygida media</i> (Hagenbach, 1822)	B	M	S
<i>Forficula auricularia</i> Linnaeus, 1758	B	M	S
<i>Chelidurella acanthopygia</i> (Gené, 1832)		M	S
<i>Chelidurella guentheri</i> Galvagni, 1994	B	M	