

## A preliminary checklist of ground bugs (Lygaeidae Schilling, 1829) of Latvia

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**Abstract:** References on Lygaeidae of Latvia have been analysed. In total 62 species are listed for Latvia.

**Key words:** Lygaeidae, Latvia, checklist.

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### Introduction

Ground bugs are common and wide spread in different habitats of Latvia. G.Flor (1860) referred 38 species to the present territory of Latvia. A.Saars (1931) stated 51 species of Lygaeidae. He has collected all species in Latvia, but did not mention localities. Later Z.Spuris (1950, 1951, 1952, 1953, 1957, 1996) contributed to the study of bugs including Lygaeidae. Some other data about the family are scattered in different publications (Spuris 1974, Grīnbergs 1998, Ozols 1955, Spungis 2002). The collections of G.Flor and A.Saars are deposited in the University of Tartu, the collection of Z.Spuris – in the Institute of Biology, University of Latvia. The correctness of identifications was not checked.

### A checklist of Latvian Lygaeidae

#### ***Acompus* Fieber, 1860**

*Acompus rufipes* (J.F.Wolff, 1804)  
Saars 1931: 76, Spuris 1951: 150.

#### ***Chilacis* Fieber, 1864**

*Chilacis typhae* (Perris, 1857)  
Spuris 1951: 150, 1957: 36.

#### ***Cymus* Hahn, 1831**

*Cymus aurescens* Distant, 1883  
Spuris 1950: 88 (*C. obliguus* Horv.).  
*Cymus claviculus* (Fallén, 1807)  
Flor 1860: 300 (*C. (Cymus) claviculus* Fall.).

Saars 1931: 75, Spuris 1950: 88.

*Cymus grandicolor* Hahn, 1832

Flor 1860: 299 (*C. (Cymus) grandicolor* Hahn),  
Saars 1931: 75, Spuris 1950: 88.  
*Cymus melanocephalus* Fieber, 1861  
Saars 1931: 75.

#### ***Drymus* Fieber, 1860**

*Drymus brunneus* (R.F. Sahlberg, 1848)  
Spuris 1951: 151.

*Drymus sylvaticus* (Fabricius, 1775)  
Flor 1860: 266 (*Pachymerus (Pachymerus) sylvaticus* Fabr. Fall.), Saars 1931: 77, Spuris 1951: 151 (*D. sylvaticus* F.), 1952: 157 (*D. sylvaticus* F.), 1953: 91 (*D. sylvaticus* F.), 1957: 36 (*D. sylvaticus* F.).

#### ***Eremocoris* Fieber, 1860**

*Eremocoris abietis* (Linnaeus, 1758)  
Flor 1860: 279 (*Pachymerus (Pachymerus) erraticus* Fabr.), Saars 1931: 77 (*Eremocoris erraticus* Fabr.), Spuris 1951: 150 (*E. abietis* L. (*erraticus* F.)).

*Eremocoris podagricus* (Fabricius, 1775)  
Flor 1860: 277 (*Pachymerus (Pachymerus) podagricus* Fabr. Fall.), Spuris 1952: 157, 1953: 91.

*Eremocoris plebejus* (Fallén, 1807)  
Flor 1860: 249 (*Pachymerus (Pachymerus) plebejus* Fall.), Saars 1931: 77.

#### ***Euoxycarenus* Samy, 1969**

*Euoxycarenus pallens* (Herrich-Schäffer, 1850)  
Saars 1931: 75 (*Oxycarenus collaris* Mulsant et Rey, 1852).

***Gastrodes* Westwood, 1840***Gastrodes abietum* Bergroth, 1914Flor 1860: 233 (*Pachymerus* (*Ancylopus*) *Abietis* Linn.), Saars 1931: 77 (*G. abietis* L.), Spuris 1953: 91 (*G. abietis* L.), 1957: 37 (*G. abietis* L.), Ozols 1985: 22.*Gastrodes grossipes* (De Geer, 1773)Flor 1860: 235 (*Pachymerus* (*Ancylopus*) *ferrugineus* Linn.), Saars 1931: 77 (*G. ferrugineus* L.), Spuris 1951: 151 (*G. ferrugineus* L.), 1952: 154 (*G. ferrugineus* L.), 1953: 91 (*G. ferrugineus* L.), 1957: 37 (*G. ferrugineus* L.), Ozols 1985: 21.***Geocoris* Fallén, 1814***Geocoris albipennis* (Fabricius, 1803)Flor 1860: 309 (*Ophthalmicus albipennis* Fabr. Fall.), Spuris 1953: 91.*Geocoris ater* (Fabricius, 1787)Flor 1860: 308 (*Ophthalmicus ater* Fabr.), Saars 1931: 75, Spuris 1953: 91.*Geocoris grylloides* (Linnaeus, 1761)Flor 1860: 306 (*Ophthalmicus grylloides* Linn.), Saars 1931: 75, Spuris 1953: 91.*Geocoris megacephalus* (Rossi, 1790)

Saars 1931: 75.

***Graptopeltus* Stål, 1872***Graptopeltus lynceus* (Fabricius, 1775)Flor 1860: 273 (*Pachymerus* (*Pachymerus*) *lynceus* Fabr.), Saars 1931: 77, Spuris 1953: 91 (*Aphanus lynceus* F.).***Heterogaster* Schilling, 1829***Heterogaster urticae* (Fabricius, 1775)Flor 1860: 302 (*Phygadicus Urticae* Fabr.), Saars 1931: 75.***Ischnocoris* Fieber, 1860***Ischnocoris angustulatus* (Boheman, 1853)Flor 1860: 257 (*Pachymerus* (*Pachymerus*) *oculatus* m.), Saars 1931: 76 (*I. angustulus* Boh.).*Ischnocoris hemipterus* (Schilling, 1829)Flor 1860: 261 (*Pachymerus* (*Pachymerus*) *hemipterus* Schill.), Saars 1931: 76.***Ischnodemus* Fieber, 1837***Ischnodemus sabuleti* (Fallén, 1826)

Spungis, 2002: 8.

***Kleidocerys* Stephens, 1829***Kleitocerys resedae* (Panzer, 1797)Flor 1860: 296 (*Cymus* (*Lyctus*) *Resedae* Panz.), Saars 1931: 75 (*Ischnorhynchus resedae* Panz.), Spuris 1950: 88 (*Ischnorhynchus resedae* Panz.), 1953: 91 (*Ischnorhynchus resedae* Panz.), 1957: 36 (*Ischnorhynchus resedae* Panz.), 1974: 132 (*Ischnorhynchus resedae*), 1996: 8 (*Kleitocerys* (=*Ischnorrhynchus*) *resedae* (Panzer, 1797)).***Lamproplax* Douglas et Scott, 1868***Lamproplax picea* (Flor, 1860)Flor 1860: 251 (*Pachymerus* (*Pachymerus*) *piceus* m.), Saars 1931: 77 (*Drymus piceus* Flor).***Ligyrocoris* Stål, 1872***Ligyrocoris silvestris* (Linnaeus, 1758)Flor 1860: 231 (*Pachymerus* (*Plociomerus*) *silvestris* Linn.), Saars 1931: 76, Spuris 1951: 150.***Lygaeus* Fabricius, 1794***Lygaeus equestris* (Linnaeus, 1758)Flor 1860: 221 (*L. familiaris* Panz.), 222, Saars 1931: 75 (*L. equestris* L. var. *familiaris*), Grīnbergs 1998: 124 (*Spilostethus equestris*).***Macroderma* Fieber, 1860***Macroderma micropterum* (Curtis, 1836)

Saars 1931: 76, Spuris 1951: 150, 1957: 36.

***Macroplax* Fieber, 1860***Macroplax preyssleri* (Fieber, 1837)Saars 1931: 76 (*M. Preyssleri* Fieb.).***Megalonotus* Fieber, 1860***Megalonotus antennatus* (Schilling, 1829)Flor 1860: 252 (*Pachymerus* (*Pachymerus*) *antennatus* Schill.), Saars 1931: 76 (*Rhyparochromus antennatus* Schill.), Spuris 1953: 91 (*Rh. antennatus* Schill.).*Megalonotus chiragra* (Fabricius, 1794)Saars 1931: 76 (*Rhyparochromus chiragra* F.), Spuris 1952: 157 (*Rh. chiragra* F.).***Melanocoryphus* Stål, 1872***Melanocoryphus albomaculatus* (Goeze, 1778)Saars 1931: 77 (*Aphanus albomaculatus* Goeze).

***Metopoplax* Fieber, 1860**

*Metopoplax ditomoides* (Costa, 1847)  
Saars 1931: 75.  
*Metopoplax origani* (Kolenati, 1845)  
Saars 1931: 75.

***Nithecus* Horváth, 1890**

*Nithecus jacobeae* (Schilling, 1829)  
Flor 1860: 290 (*Cymus (Artheneis) Jacobaeae* Schill.), Saars 1931: 75, Spuris 1950: 88, 1957: 36.

***Nysius* Dallas, 1852**

*Nysius ericae* (Schilling, 1829)  
Flor 1860: 292 (*Cymus (Artheneis) Ericae* Schill.), Saars 1931: 75.  
*Nysius helveticus* (Herrich-Schäffer, 1850)  
Spuris 1950: 88, 1957: 36.  
*Nysius thymi* (Wolff, 1804)  
Flor 1860: 293 (*Cymus (Artheneis) Thymi* Wolff.), Saars 1931: 75, Spuris 1950: 88, 1957: 36.

***Ortholomus* Stål, 1872**

*Ortholomus punctipennis* (Herrich-Schäffer, 1839)  
Spuris 1951: 150 (*Nysius punctipennis* H.-S.), 1957: 36 (*N. punctipennis* H.-S.).

***Oxycarenus* Fieber, 1837**

*Oxycarenus modestus* (Fallén, 1829)  
Saars 1931: 75.

***Pachybrachius* Hahn, 1826**

*Pachybrachius fracticollis* (Schilling, 1829)  
Flor 1860: 229 (*Pachymerus (Plociomerus) fracticollis* Schill.), Saars 1931: 76 (*Pamera fracticollis* Schill.), Spuris 1952: 157, 1953: 91, 1957: 36.  
*Pachybrachius luridus* (Hahn, 1826)  
Flor 1860: 227 (*Pachymerus (Plociomerus) luridus* Hahn), Sars 1931: 76 (*Pamera lurida* Hhn.), Spuris 1953: 91, 1957: 36 (*P. lurida* Hahn).

***Peritrechus* Fieber, 1860**

*Peritrechus distinguendus* (Flor, 1860)  
Flor 1860: 266 (*Pachymerus (Pachymerus) distinguendus* m.), Saars 1931: 76 (*Trapezonotus distinguendus* Flor).  
*Peritrechus nubilus* (Fallén, 1807)

Flor 1860: 246 (*Pachymerus (Pachymerus) nubilus* Fall.), Saars 1931: 76.

***Pionosomus* Fieber, 1860**

*Pionosomus varius* (Wolff, 1804)  
Flor 1860: 256 (*Pachymerus (Pachymerus) varius* Wolff.), Saars 1931: 76, Spuris 1951: 150, 1957: 36.

***Pterotmetus* Amyot et Serville, 1843**

*Pterotmetus staphyliniformis* (Schilling, 1829)  
Flor 1860: 259 (*Pachymerus (Pachymerus) staphylinoides* Burm.) (*Staphyliniformis* Schill.), Saars 1931: 76 (*P. staphylinoides* Burm.), Spuris 1953: 91.

***Raglius* Stål, 1872**

*Raglius alboacuminatus* (Goeze, 1778)  
Flor 1860: 275 (*Pachymerus (Pachymerus) pedestris* Panz.), Saars 1931: 77 (*Aphanus alboacumunatus* Goeze).

***Rhyparochromus* Hahn, 1826**

*Rhyparochromus pini* (Linnaeus, 1758)  
Flor 1860: 269 (*Pachymerus (Pachymerus) Pini* Linn.), Saars 1931: 77 (*Aphanus pini* L.), Spuris 1951: 150 (*A. pini* L.), 1957: 36 (*A. pini* L.).

***Scolopostethus* Fieber, 1860**

*Scolopostethus affinis* (Schilling, 1829)  
Saars 1931: 77, Spuris 1951: 150, 1952: 157.  
*Scolopostethus decoratus* (Hahn, 1833)  
Saars 1931: 77, Spuris 1953: 91.  
*Scolopostethus pictus* (Schilling, 1829)  
Saars 1931: 77, Spuris 1951: 150.  
*Scolopostethus pilosus* Reuter, 1874  
Spuris 1951: 151, 1953: 91.  
*Scolopostethus puberulus* Horváth, 1887  
Spuris 1953: 91.  
*Scolopostethus thomsoni* Reuter, 1874  
Saars 1931: 77 (*S. Thomsoni* Keut.), Spuris 1951: 151, 1952: 157, 1953: 91, 1957: 36.

***Sphragisticus* Stål, 1872**

*Sphragisticus nebulosus* (Fallén, 1807)  
Flor 1860: 268 (*Pachymerus (Pachymerus) nebulosus* Fall.), Saars 1931: 76, Spuris 1951: 150.

***Stygnocoris* Douglas et Scott, 1865**

*Stygnocoris rusticus* (Fallén, 1807)

- Flor 1860: 241 (*Pachymerus (Pachymerus) rusticus* Fall.), Saars 1931: 76.  
*Stygnocoris sabulosus* (Schilling, 1829)  
 Flor 1860: 243 (*Pachymerus (Pachymerus) sabulosus* Schill.), Saars 1931: 76 (*S. pedestris* Fall.).  
*Stygnocoris fuligineus* (Geoffroy, 1785)  
 Saars 1931: 76.

### ***Trapezonotus* Fieber, 1860**

- Trapezonotus anorus* (Flor, 1860)  
 Flor 1860: 263 (*Pachymerus (Pachymerus) anorus* m.), Saars 1931: 76 (*Gnopherus anorus* Flor), Spuris 1952: 157, 1953: 91, 1957: 36.  
*Trapezonotus arenarius* (Linnaeus, 1758)  
 Flor 1860: 265 (*Pachymerus (Pachymerus) agrestis* Fall.), Saars 1931: 76, Spuris 1951: 150, 1952: 157, 1953: 91, 1957: 36.

### ***Tropidothorax* Bergroth, 1894**

- Tropidothorax leucopterus* (Goeze, 1778)  
 Saars 1931: 75.

### ***Tropistethus* Fieber, 1860**

- Tropistethus holosericeus* (Scholtz, 1846)  
 Saars 1931: 76.

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## **Kopsavilkums**

Analizēti literatūras avoti par Latvijas zemesblaktīm. Pašlaik Latvijas faunā ir zināmas 62 sugas.

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