

# Checklist of the Trichoptera of the Grand Duchy of Luxembourg - First revision

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A first checklist of the Trichoptera of Luxembourg was published in 2002 (Schrankel et al. 2002) including 178 species.

Due to new investigations 7 species can be added.

*Wormaldia occipitalis* (Pictet, 1834) and *Wormaldia mediana* McLachlan, 1878 of the first list are replaced by *Wormaldia occipitalis* type 1 and *Wormaldia occipitalis* type 2. *Wormaldia mediana* McLachlan, 1878 is expected to occur in Luxembourg too, but no adults could be found yet.

*Glossosoma boltoni* Curtis, 1834 was wrongly identified and turned out to be *Glossosoma conformis* Neboiss, 1963 and *Ceraclea alboguttata* Hagen, 1860 is now a synonym of *Ceraclea albimacula* (Rambur, 1877) (Malicky 2005).

Systematical and nomenclatorial changes after Robert (2004) have been taken into consideration.

Thus, the actualised checklist includes 183 species.

**Bold** = New species in comparison with the list of Schrankel et al. (2002)

\* = Systematic or nomenclatorial changes after Robert (2004)

## Rhyacophilidae Stephens, 1836

- 1 \* *Rhyacophila dorsalis dorsalis* (Curtis, 1834)
- 2 *Rhyacophila fasciata* Hagen, 1859
- 3 *Rhyacophila laevis* Pictet, 1834
- 4 *Rhyacophila oblitterata* McLachlan, 1863
- 5 *Rhyacophila philopotamoides* McLachlan, 1879
- 6 *Rhyacophila praemorsa* McLachlan, 1879
- 7 *Rhyacophila pubescens* Pictet, 1834
- 8 *Rhyacophila tristis* Pictet, 1834

**Glossosomatidae Wallengren, 1891**

- 9 *Glossosoma conformis* Neboiss, 1963  
 10 *Synaagapetus iridipennis* McLachlan, 1879  
 11 *Agapetus delicatulus* McLachlan, 1884  
 12 *Agapetus fuscipes* Curtis, 1834  
 13 *Agapetus cf. laniger* (Pictet, 1834)  
 14 *Agapetus ochripes* Curtis, 1834

**Hydroptilidae Stephens, 1836**

- 15 *Ptilocolepus granulatus* (Pictet, 1834)  
 16 *Agraylea multipunctata* Curtis, 1834  
 17 *Agraylea sexmaculata* Curtis, 1834  
 18 *Allotrichia pallicornis* (Eaton, 1873)  
 19 *Hydroptila angulata* Mosely, 1922  
 20 *Hydroptila forcipata* (Eaton, 1873)  
 21 *Hydroptila simulans* Mosely, 1920  
 22 *Hydroptila sparsa* Curtis, 1834  
 23 *Hydroptila vectis* Curtis, 1834  
 24 *Oxyethira flavicornis* (Pictet, 1834)  
 25 *Tricholeiochiton fagesii* (Guinard, 1879)  
 26 *Orthotrichia costalis* (Curtis, 1834)  
 27 *Ithytrichia lamellaris* Eaton, 1873

**Philopotamidae Stephens, 1829**

- 28 *Philopotamus ludificatus* McLachlan, 1878  
 29 *Philopotamus montanus* (Donovan, 1813)  
 30 *Philopotamus variegatus* (Scopoli, 1763)  
 31 **Wormaldia occipitalis type1**  
 32 **Wormaldia occipitalis type2**  
 33 *Wormaldia subnigra* McLachlan, 1865  
 34 *Chimarra marginata* (Linnaeus, 1767)

**Psychomyiidae Curtis, 1835**

- 35 *Psychomyia pusilla* (Fabricius, 1781)  
 36 *Tinodes assimilis* McLachlan, 1865  
 37 *Tinodes dives* (Pictet, 1834)  
 38 *Tinodes pallidulus* McLachlan, 1878  
 39 *Tinodes rostocki* McLachlan, 1878  
 40 *Tinodes unicolor* (Pictet, 1834)  
 41 *Tinodes waeneri* (Linnaeus, 1758)  
 42 *Lype phaeopa* (Stephens, 1836)  
 43 *Lype reducta* (Hagen, 1868)

**Ecnomidae Ulmer, 1903**

- 44 *Ecnomus tenellus* (Rambur, 1842)

**Polycentropodidae Ulmer, 1903**

- 45 *Cyrnus crenaticornis* (Kolenati, 1859)

- 46 *Cyrnus flavidus* McLachlan, 1864  
 47 *Cyrnus insolutus* McLachlan, 1878  
 48 *Cyrnus trimaculatus* (Curtis, 1834)  
 49 *Holocentropus dubius* (Rambur, 1842)  
 50 *Holocentropus picicornis* (Stephens, 1836)  
 51 *Neureclipsis bimaculata* (Linnaeus, 1758)  
 52 *Plectrocnemia brevis* McLachlan, 1871  
 53 *Plectrocnemia conspersa* (Curtis, 1834)  
 54 *Plectrocnemia geniculata* McLachlan, 1871  
 55 *Polycentropus flavomaculatus* (Pictet, 1834)  
 56 *Polycentropus irroratus* Curtis, 1835

**Hydropsychidae Curtis, 1835**

- 57 *Cheumatopsyche lepida* (Pictet, 1834)  
 58 *Hydropsyche angustipennis* (Curtis, 1834)  
 59 *Hydropsyche botosaneanui* Marinkovic-Gospodnetic, 1966  
 60 **Hydropsyche bulgaromanorum Malicky, 1977**  
 61 *Hydropsyche contubernalis* McLachlan, 1865  
 62 *Hydropsyche dinarica* Marinkovic, 1979  
 63 *Hydropsyche exocellata* Dufour, 1841  
 64 *Hydropsyche fulvipes* (Curtis, 1834)  
 65 *Hydropsyche incognita* Pitsch, 1993  
 66 *Hydropsyche instabilis* (Curtis, 1834)  
 67 **Hydropsyche modesta Navas, 1925**  
 68 *Hydropsyche pellucidula* (Curtis, 1834)  
 69 *Hydropsyche saxonica* McLachlan, 1884  
 70 *Hydropsyche silfoenii* Ulmer, 1906  
 71 *Hydropsyche siltalai* Döhler, 1963  
 72 *Diplectronea felix* McLachlan, 1878

**Phryganeidae Leach, 1815**

- 73 *Trichostegia minor* (Curtis, 1834)  
 74 *Agrypnia pagetana* Curtis, 1835  
 75 *Agrypnia varia* (Fabricius, 1793)  
 76 *Oligotricha striata* (Linnaeus, 1758)  
 77 *Phryganea bipunctata* Retzius, 1783  
 78 *Hagenella clathrata* (Kolenati, 1848)

**Brachycentridae Ulmer, 1903**

- 79 *Brachycentrus maculatus* (Fourcroy, 1785)  
 80 *Brachycentrus montanus* Klapalek, 1892  
 81 *Brachycentrus subnubilus* Curtis, 1834  
 82 *Micrasema longulum* McLachlan, 1876  
 83 *Micrasema minimum* McLachlan, 1876  
 84 *Micrasema setiferum* (Pictet, 1834)

**Lepidostomatidae Ulmer, 1903**

- 85 *Lepidostoma hirtum* (Fabricius, 1775)  
 86 *Lasiocephala basalis* (Kolenati, 1848)  
 87 *Crunoecia irrorata* (Curtis, 1834)

**Limnephilidae Kolenati, 1848****Dicosmoecinae Schmid, 1955**

- 88 *Ironoquia dubia* (Stephens, 1837)

**Drusinae Banks, 1916**

- 89 *Anomalopterygella chauviniana* (Stein, 1874)  
 90 *Drusus annulatus* (Stephens, 1837)  
 91 *Ecclisopteryx dalecarlica* Kolenati, 1848

**Limnephilinae Kolenati, 1848****Limnephilini Kolenati, 1848**

- 92 *Anobolia nervosa* (Curtis, 1834)  
 93 *Glyphotaelius pellucidus* (Retzius, 1783)  
 94 *Grammotaulius nigropunctatus* (Retzius, 1783)  
 95 *Grammotaulius submaculatus* (Rambur, 1842)  
 96 *Limnephilus affinis* Curtis, 1834  
 97 *Limnephilus auricula* Curtis, 1834  
 98 *Limnephilus binotatus* Curtis, 1834  
 99 *Limnephilus bipunctatus* Curtis, 1834  
 100 *Limnephilus centralis* Curtis, 1834  
 101 *Limnephilus decipiens* (Kolenati, 1848)  
 102 *Limnephilus extricatus* McLachlan, 1865  
 103 *Limnephilus flavicornis* (Fabricius, 1787)  
 104 *Limnephilus fuscicornis* Rambur, 1842  
 105 *Limnephilus griseus* (Linnaeus, 1758)  
 106 *Limnephilus hirsutus* (Pictet, 1834)  
 107 *Limnephilus ignavus* McLachlan, 1865  
 108 ***Limnephilus italicus* McLachlan, 1884**  
 109 *Limnephilus lunatus* Curtis, 1834  
 110 *Limnephilus marmoratus* Curtis, 1834  
 111 *Limnephilus rhombicus* (Linnaeus, 1758)  
 112 *Limnephilus sparsus* Curtis, 1834  
 113 *Limnephilus stigma* Curtis, 1834  
 114 *Limnephilus vittatus* (Fabricius, 1798)  
 115 ***Phacopteryx brevipennis* (Curtis, 1834)**

**Stenophylacini Schmidt, 1955**

- 116 *Allogamus auricollis* (Pictet, 1834)  
 117 *Enoicyla pusilla* (Burmeister, 1839)  
 118 *Halesus digitatus* (Schrank, 1781)  
 119 *Halesus radiatus* (Curtis, 1834)

- 120 *Halesus tessellatus* (Rambur, 1842)  
 121 *Hydatophylax infumatus* (McLachlan, 1865)  
 122 *Melampophylax mucoreus* (Hagen, 1861)  
 123 *Micropterna lateralis* (Stephens, 1837)  
 124 *Micropterna nycterobia* McLachlan, 1875  
 125 *Micropterna sequax* McLachlan, 1875  
 126 *Micropterna testacea* (Gmelin, 1790)  
 127 *Parachiona picicornis* (Pictet, 1834)  
 128 ***\*Potamophylax cingulatus cingulatus* (Stephens, 1837)**  
 129 *Potamophylax latipennis* (Curtis, 1834)  
 130 *Potamophylax luctuosus* (Piller & Mitterpacher, 1783)  
 131 *Potamophylax nigricornis* (Pictet, 1834)  
 132 *Potamophylax rotundipennis* (Brauer, 1857)  
 133 *Stenophylax mitis* McLachlan, 1875  
 134 ***Stenophylax mucronatus* McLachlan, 1880**  
 135 *Stenophylax permistus* McLachlan, 1895  
 136 *Stenophylax vibex* (Curtis, 1834)

**Chaetopterygini Hagen, 1858**

- 137 *Annitella obscurata* (McLachlan, 1876)  
 138 *Chaetopteryx major* McLachlan, 1876  
 139 *Chaetopteryx villosa* (Fabricius, 1798)

**Apataniidae Wallengren, 1886**

- 140 *Apatania fimbriata* (Pictet, 1834)

**Goeridae Ulmer, 1903**

- 141 *Goera pilosa* (Fabricius, 1775)  
 142 *Lithax niger* (Hagen, 1859)  
 143 *Lithax obscurus* (Hagen, 1859)  
 144 *Silo nigricornis* (Pictet, 1834)  
 145 *Silo pallipes* (Fabricius, 1781)  
 146 *Silo piceus* Brauer, 1857

**Leptoceridae Leach, 1815**

- 147 *Athripsodes albifrons* (Linnaeus, 1758)  
 148 *Athripsodes aterrimus* (Stephens, 1836)  
 149 *Athripsodes bilineatus* (Linnaeus, 1758)  
 150 *Athripsodes cinereus* (Curtis, 1834)  
 151 *Athripsodes commutatus* (Rostock, 1874)  
 152 *Athripsodes leucophaeus* (Rambur, 1842)  
 153 *Ceraclea albimacula* (Rambur, 1877)  
 154 *Ceraclea annulicornis* (Stephens, 1836)  
 155 *Ceraclea dissimilis* (Stephens, 1836)  
 156 ***Ceraclea fulva* (Rambur, 1842)**  
 157 *Ceraclea nigronevosa* (Retzius, 1783)

- 158 *Ceraclea senilis* (Burmeister, 1839)  
 159 *Leptocerus interruptus* (Fabricius, 1775)  
 160 *Leptocerus tineiformis* Curtis, 1834  
 161 *Adicella filicornis* (Pictet, 1834)  
 162 *Adicella reducta* (McLachlan, 1865)  
 163 *Trienodes bicolor* (Curtis, 1834)  
 164 *Oecetis furva* (Rambur, 1842)  
 165 *Oecetis lacustris* (Pictet, 1834)  
 166 *Oecetis notata* (Rambur, 1842)  
 167 *Oecetis ochracea* (Curtis, 1825)  
 168 *Oecetis testacea* (Curtis, 1834)  
 169 *Setodes argentipunctellus* McLachlan, 1877  
 170 *Setodes punctatus* (Fabricius, 1793)  
 171 \**Mystacides azureus* (Linnaeus, 1761)  
 172 *Mystacides longicornis* (Linnaeus, 1758)  
 173 \**Mystacides niger* (Linnaeus, 1758)

#### **Molannidae Wallengren, 1891**

- 174 *Molanna angustata* Curtis, 1834

#### **Odontoceridae Wallengren, 1891**

- 175 *Odontocerum albicorne* (Scopoli, 1763)

#### **Sericostomatidae Stephens, 1836**

- 176 *Notidobia ciliaris* (Linnaeus, 1761)  
 177 *Oecismus monedula* (Hagen, 1859)

- 178 *Sericostoma schneideri* Kolenati, 1848  
 179 *Sericostoma personatum* (Spence in Kirby & Spence, 1826)

#### **Beraeidae Wallengren, 1891**

- 180 *Beraea maura* (Curtis, 1834)  
 181 *Beraea pullata* (Curtis, 1834)  
 182 *Beraeodes minutus* (Linnaeus, 1761)  
 183 *Ernodes articularis* (Pictet, 1834)

## **References**

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