

Larwy *Leptophlebia marginata* i *L. vespertina* żyjące w małych i średnich rzekach, strumieniach, a także w jeziorach i innych zbiornikach wód stojących, bywają niekiedy bardzo liczne. Trzy rzadkie gatunki: *Choroterpes picteti*, *Paraleptophlebia cincta* i *P. werneri*, uznano za narażone (Kłowska-Olejnik 2002).

#### Piśmiennictwo

Kłowska-Olejnik M. 2002. Ephemeroptera Jętki. In: Głowaciński Z. (ed.), Czerwona Lista Zwierząt Ginących i Zagrożonych w Polsce. Red List of Threatened Animals in Poland. Instytut Ochrony Przyrody PAN, Kraków, 128–132.

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#### SUMMARY

*Leptophlebiidae*. It is a species-rich family, though the European fauna only extends to 38 species in eight genera. Poland's nine species in turn belong to five genera. Species that are common or even abundant include *Leptophlebia marginata*, *L. vespertina*, and *Paraleptophlebia submarginata*, while *Choroterpes picteti*, *Paraleptophlebia cincta*, and *P. werneri* are vulnerable (Kłowska-Olejnik 2002).

### BAETOIDEA

#### Ameletidae

2 species

##### *Ameletus* Eaton, 1885

- *inopinatus* Eaton, 1887 {*Ameletus*}

##### *Metreletus* Demoulin, 1951

- *balcanicus* (Ulmer, 1920) {*Metretopus*} rm, >1997, VU

#### Ametropodidae

1 species

##### *Ametropus* Albarda, 1878

- *fragilis* Albarda, 1878 {*Ametropus*} psammo, EN, EN

#### Baetidae

37 species

##### *Acentrella* Bengtsson, 1912

- *inexpectata* (Tshernova, 1928) {*Pseudocloeon*} rm, EN  
- *sinaica* Bogoescu, 1931 {*Acentrella*}

##### *Baetis* Leach, 1815

- *alpinus* (Pictet, 1843) {*Cloe*}  
- *beskidensis* Sowa, 1972 {*Baetis*} LC  
- *bucuratus* Eaton, 1870 {*Baetis*}  
- *calcaratus* Keffermüller, 1972 {*Baetis*} NT  
- *digitatus* Bengtsson, 1912 {*Baetis*} VU  
- *fuscatus* (Linnaeus, 1761) {*Ephemera*}  
- *gracilis* Bogoescu & Tabacaru, 1957 {*Baetis*} EN  
- *liebenauae* Keffermüller, 1974 {*Baetis*} LC  
- *lutheri* Müller-Liebenau, 1967 {*Baetis*}  
- *macani* Kimmins 1957 {*Baetis*} rm, >2004  
- *melanonyx* (Pictet, 1843) {*Cloe*}  
- *muticus* (Linnaeus, 1758) {*Ephemera*}  
- *nexus* Navas, 1918 {*Baetis*} LC  
- *niger* (Linnaeus, 1761) {*Ephemera*}  
- *rhodani* (Pictet, 1843) {*Cloe*}  
- *scambus* Eaton, 1870 {*Baetis*}  
- *tracheatus* Keffermüller & Machel, 1967 {*Baetis*}  
- *tricolor* Tshernova, 1928 {*Baetis*}  
- *vardarensis* Ikonov, 1962 {*Baetis*}

- *vernus* Curtis, 1834 {*Baetis*}

##### *Baetopus* Keffermüller, 1960

- *tenellus* (Albarda, 1878) {*Centroptilum*} rm, NT  
- *wartensis* Keffermüller, 1960 {*Baetopus*} psammo, rm, EN

##### *Centroptilum* Eaton, 1869

- *luteolum* (O. F. Müller, 1776) {*Ephemera*}

##### *Cloeon* Leach, 1815

- *cognatum* Stephens, 1835 {*Cloeon*}  
- *dipterum* (Linnaeus, 1761) {*Ephemera*}  
- *inscriptum* Bengtsson, 1914 {*Cloeon*}  
- *praetextum* Bengtsson, 1914 {*Cloeon*}  
- *simile* Eaton, 1870 {*Cloeon*}

##### *Proclaeon* Bengtsson, 1915

- *bifidum* (Bengtsson, 1912) {*Cloeon*}  
- *macronyx* (Kluge & Novikova, 1992) {*Cloeon*} EN  
- *nemorale* (Eaton, 1885) {*Centroptilum*} LC  
- *parapulchrum* (Kaffer Müller & Sowa, 1975) {*Centroptilum*}  
- *pennulatum* (Eaton, 1870) {*Centroptilum*}  
- *pulchrum* (Eaton, 1885) {*Centroptilum*}

##### *Pseudocentroptiloides* Jacob, 1986

- *nana* (Bogoescu, 1951) {*Centroptilum*} psammo, rm, EN

#### Siphonuridae

4 species

##### *Siphonurus* Eaton, 1868

- *aestivalis* (Eaton, 1903) {*Siphylurus*}  
- *alternatus* (Say, 1824) {*Baetis*}

- *armatus* (Eaton, 1870) {*Siphylurus*}

- *lacustris* (Eaton, 1870) {*Siphylurus*}

## CAENOIDEA

**Caenidae** 10 species**Brachycercus** Curtis, 1834- *harrisella* Curtis, 1834 {Brachycercus} LC**Caenis** Stephens, 1835- *beskidensis* Sowa, 1973 {Caenis} LC- *horaria* (Linnaeus, 1758) {Ephemera} com- *lactea* (Burmeister, 1839) {Oxycypha}- *luctuosa* (Burmeister, 1839) {Oxycypha}- *macrura* Stephens, 1835 {Caenis}- *pseudorivulorum* Keffermüller, 1960 {Caenis} NT- *rivulorum* Eaton, 1884 {Caenis} LC- *robusta* Eaton, 1884 {Caenis}**Cercobrachys** Soldán, 1986- *minutus* (Tshernova, 1952) {Brachycercus} rm, psammo, EN**Neoephemeridae** 1 species**Neoephemera** McDunnough, 1925- *maxima* (Joly, 1870) {Caenis} <1980, vrm, CR

## EPHEMERELLOIDEA

**Ephemerellidae** 6 species**Ephemerella** Walsh, 1862- *mucronata* (Bengtsson, 1909) {Chitonophora}- *notata* Eaton, 1887 {Ephemerella} NT**Eurylophella** Tiensuu, 1935- *karelica* Tiensuu, 1935 {Eurylophella} rm, <1984, DD**Serratella** Edmunds, 1959- *ignita* (Poda, 1761) {Ephemera}- *mesoleuca* (Brauer, 1857) {Potamanthus} rm, EN**Torleya** Lestage, 1917- *major* (Klapálek, 1905) {Ephemerella}

## EPHEMEROIDEA

**Behningiidae** 1 species**Behningia** Lestage, 1929- *ulmeri* Lestage, 1929 {Behningia} psammo, <1966, CR, CR**Ephemeridae** 3 species**Ephemera** Linnaeus, 1758- *danica* O. F. Müller, 1764 {Ephemera}- *lineata* Eaton, 1870 {Ephemera} VU- *vulgata* Linnaeus, 1758 {Ephemera}**Palingeniidae** 1 species**Palingenia** Burmeister, 1839- *longicauda* (Olivier, 1791) {Ephemera} EX, EX**Polymitarcyidae** 1 species**Ephoron** Williamson, 1802- *virgo* (Olivier, 1791) {Ephemera} rm, EN**Potamanthidae** 1 species**Potamanthus** Pictet, 1843- *luteus* (Linnaeus, 1767) {Ephemera} NT

## HEPTAGENIOIDEA

**Arthropleidae** 1 species**Arthroplea** Bengtsson, 1909- *congener* Bengtsson, 1909 {Arthroplea} vrm, <1975, VU

**Heptageniidae****33 species*****Ecdyonurus* Eaton, 1868**

- *aurantiacus* (Burmeister, 1839) {Baetis} VU
- *carpathicus* Sowa, 1973 {Ecdyonurus}
- *dispar* (Curtis, 1834) {Baetis}
- *insignis* (Eaton, 1870) {Heptagenia} VU
- *macani* Thomas & Sowa, 1870 {Ecdyonurus} EN
- *starmachi* Sowa, 1971 {Ecdyonurus}
- *subalpinus* Klapálek, 1907 {Ecdyonurus}
- *submontanus* Landa, 1969 {Ecdyonurus}
- *torrentis* Kimmins, 1942 {Ecdyonurus}
- *venosus* (Fabricius, 1775) {Ephemera}

***Electrogena* Zurwerra & Tomka, 1985**

- *affinis* (Eaton, 1883) {Ecdyurus} EN
- *lateralis* (Curtis, 1834) {Baetis}
- *quadrilineata* (Landa, 1969) {Heptagenia} NT
- *samalarum* (Landa & Soldán, 1982) {Ecdyonurus} dt, DD
- *ujhelyi* (Sowa, 1981) {Ecdyonurus} NT

***Epeorus* Eaton, 1881**

- *assimilis* Eaton, 1885 {Epeorus}

***Heptagenia* Walsh, 1863**

- *coerulans* Rostock, 1878 {Heptagenia} VU
- *flava* Rostock, 1878 {Heptagenia}
- *longicauda* (Stephens, 1835) {Baetis} VU
- *sulphurea* (O. F. Müller, 1776) {Ephemera}

***Kageronia* Matsumura, 1931**

- *fuscogrisea* (Retzius, 1783) {Ephemera} VU

***Rhithrogena* Eaton, 1881**

- *beskidensis* Alba-Tercedor & Sowa, 1987 {Rhithrogena}
- *carpatocalpina* Kłonowska, Olechowska, Sartori & Weichselbaumer, 1987 {Rhithrogena}
- *circumtatica* Sowa & Soldán, 1986 {Rhithrogena} NT
- *germanica* Eaton, 1885 {Rhithrogena} CR
- *gorganica* Klapálek, 1907 {Rhithrogena} rm, LC
- *iridina* (Kolenati, 1859) {Baetis}
- *loyolaea* Navás, 1922 {Rhithrogena}
- *podhalensis* Sowa & Soldán, 1986 {Rhithrogena} NT
- *puytoraci* Sowa & Degrange, 1987 {Rhithrogena}
- *savoienensis* Alba-Tercedor & Sowa, 1987 {Rhithrogena}
- *semicolorata* (Curtis, 1834) {Baetis}
- *wolosatkae* Kłonowska, 1987 {Rhithrogena} LC

**Isonychiidae****1 species*****Isonychia* Eaton, 1871**

- *ignota* (Walker, 1853) {Baetis} EN

**Oligoneuriidae****5 species*****Oligoneuriella* Ulmer, 1924**

- *keffermuelleriae* Sowa, 1973 {Oligoneuriella} EN
- *pallida* (Hagen, 1855) {Oligoneuria} CR, CR
- *polonica* Mol, 1984 {Oligoneuriella} EN

- *rhenana* (Imhoff, 1852) {Oligoneuria} VU

***Oligoneurisca* Lestage, 1938**

- *borysthenica* (Tshernova, 1937) {Oligoneuriella} psammo, rm, CR

**LEPTOPHLEBIOIDEA****Leptophlebiidae****9 species*****Choroterpes* Eaton, 1881**

- *picteti* (Eaton, 1871) {Leptophlebia} VU

***Habroleptoides* Schoenemund, 1929**

- *confusa* Sartori & Jacob, 1986 {Habroleptoides}

***Habrophlebia* Eaton, 1881**

- *fusca* (Curtis, 1834) {Ephemera}
- *lauta* Eaton, 1884 {Habrophlebia}

***Leptophlebia* Westwood, 1840**

- *marginata* (Linnaeus, 1767) {Ephemera}
- *vespertina* (Linnaeus, 1758) {Ephemera}

***Paraleptophlebia* Lestage, 1917**

- *cincta* (Retzius, 1783) {Ephemera} LC
- *submarginata* (Stephens, 1835) {Ephemera}
- *wernerii* Ulmer, 1919 {Paraleptophlebia} VU