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Key to Larvae from Central Europe

Ernst Bauernfeind
Wolfgang Lechthaler



Title: Ephemeroptera - Key to Larvae from Central Europe; DVD-Edition
Authors: Ernst Bauernfeind & Wolfgang Lechthaler (2023)

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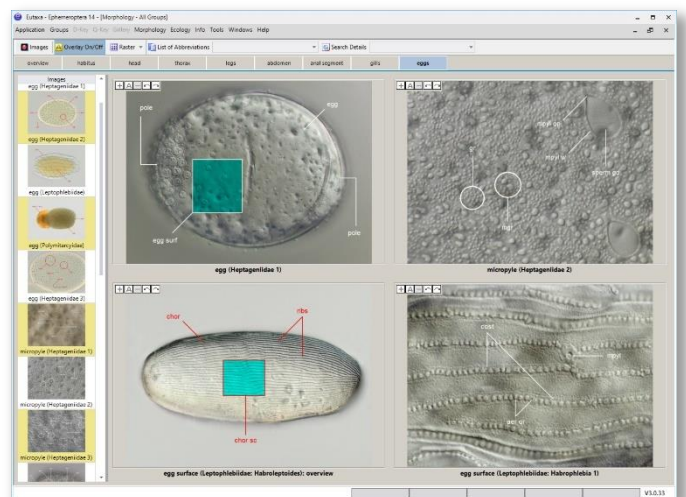
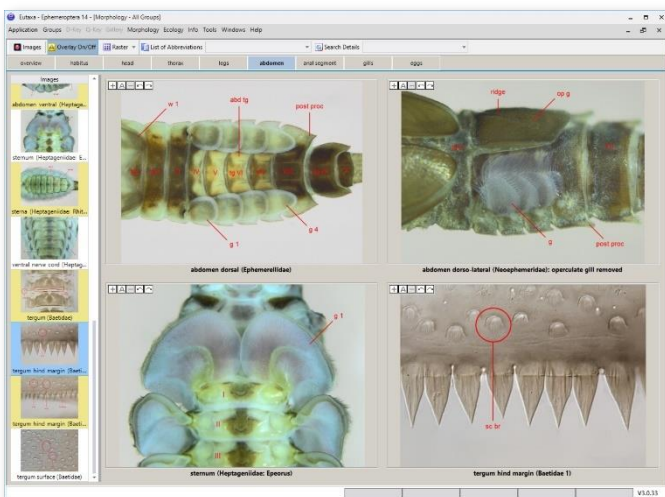
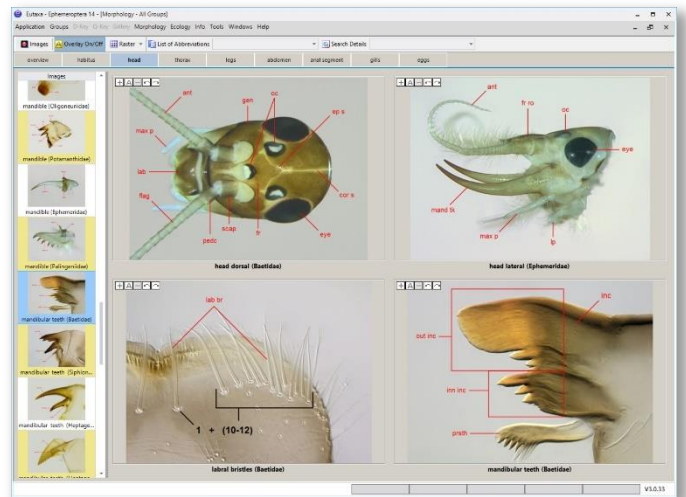
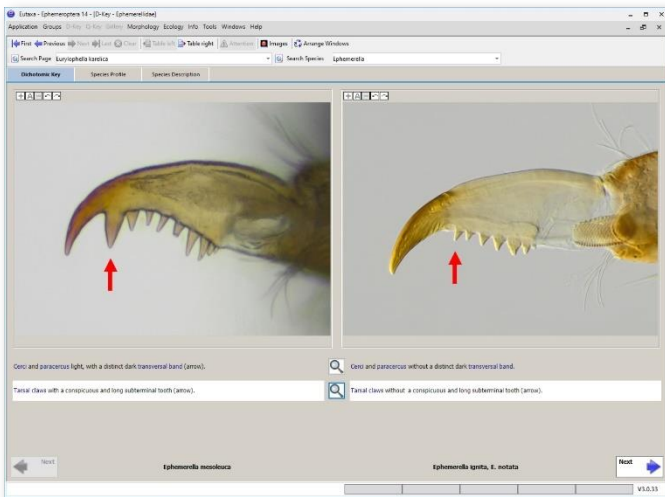
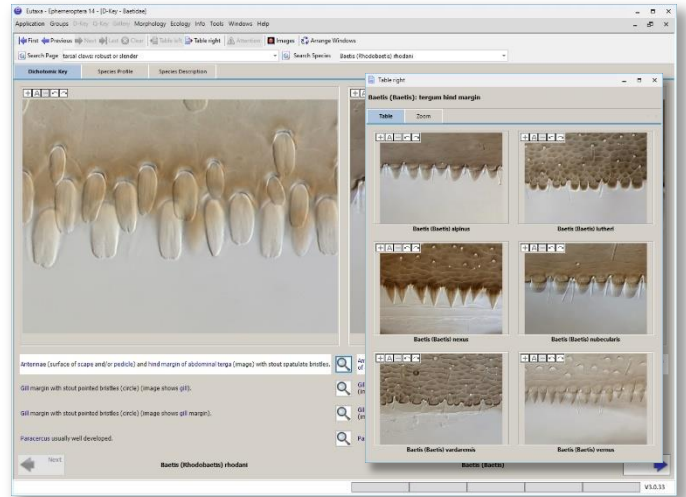
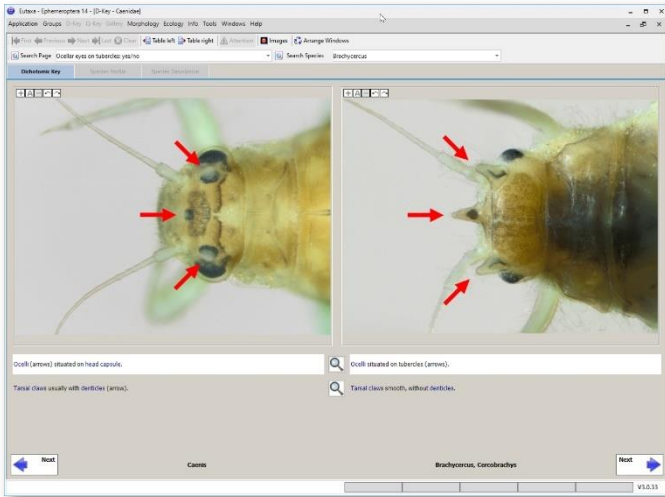
€ 550,00

This product offers a versatile application for the identification of last instar larvae of the order Ephemeroptera (Cl. Insecta). About 140 species of Central Europe are documented precisely and numerous illustrations of relevant morphological characters can be queried from an extensive picture database and compared with each other. A range of ecological and systematic dates shall enhance the knowledge of this invertebrate group, significant for the classification of standing or running waters.

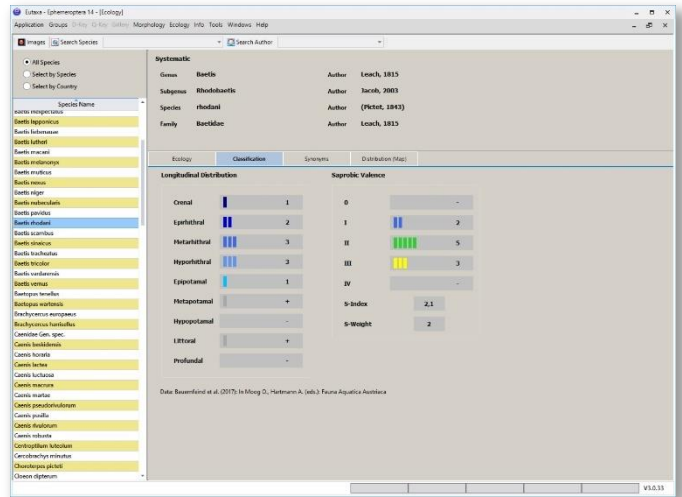
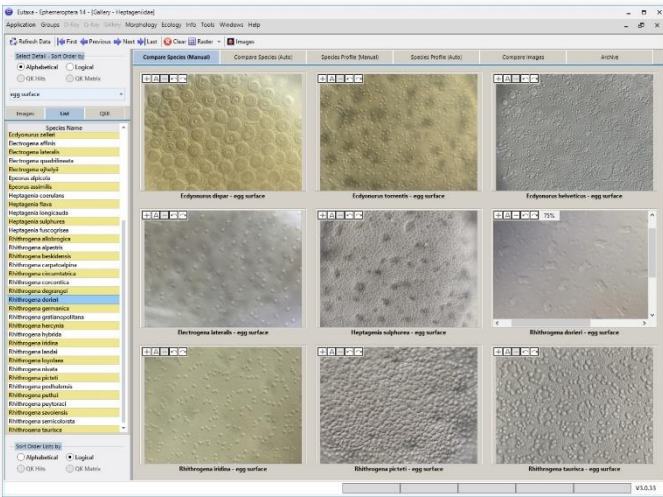
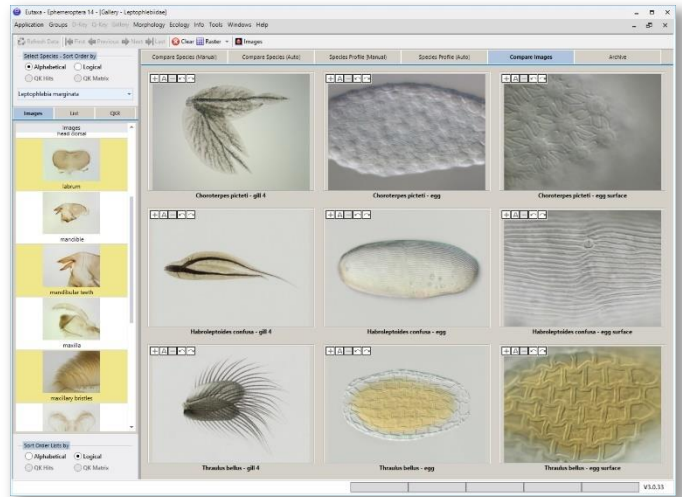
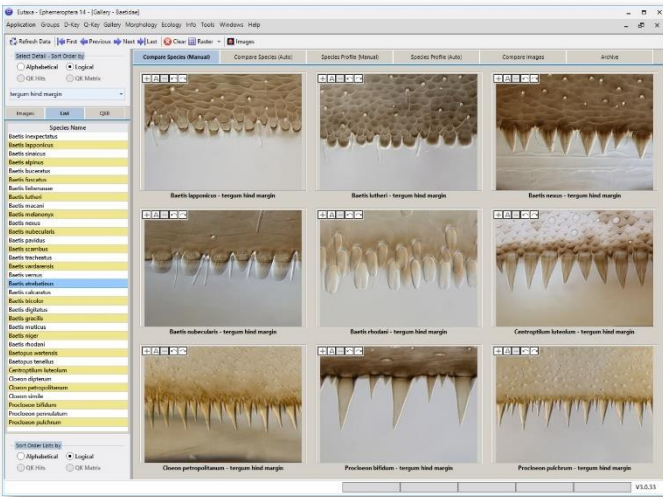
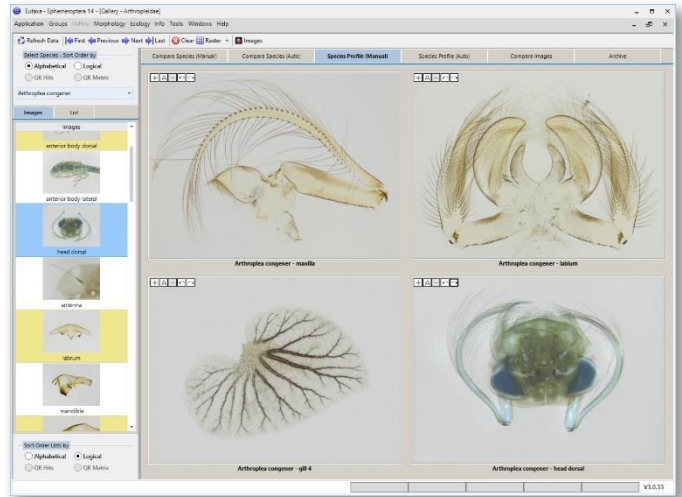
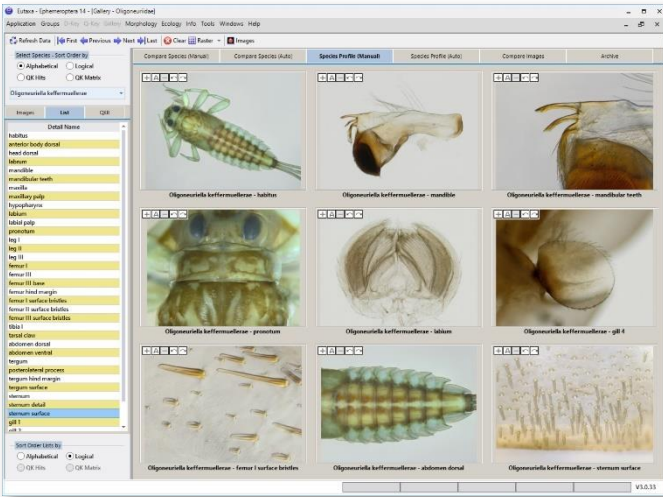
More information about this product, how to order, and a sample of images from the picture data base is given under the internet address www.eutaxa.com

For questions, concerning this product, please send an E-Mail to lechthaler@eutaxa.com

Software Images: D-Key, Morphology



Software Images: Gallery, Ecology



List of Species, covered by the Key**Family Ameletidae**

Ameletus inopinatus Eaton, 1887
 Metreletus balcanicus (Ulmer, 1920)

Family Ametropodidae

Ametropus fragilis Albarda, 1878

Family Arthropleidae

Arthroplea congener Bengtsson, 1908

Family Baetidae

Baetis (Acentrella) inexpectatus (Tshernova 1928)
 Baetis (Acentrella) lapponicus (Bengtsson, 1912)
 Baetis (Acentrella) sinaicus (Bogoescu, 1931)
 Baetis (Baetis) alpinus (Pictet, 1843)
 Baetis (Baetis) buceratus Eaton, 1870
 Baetis (Baetis) fuscatus (Linnaeus, 1761)
 Baetis (Baetis) liebenauae Keffermüller, 1974
 Baetis (Baetis) lutheri Müller-Liebenau, 1967
 Baetis (Baetis) macani Kimmins, 1957
 Baetis (Baetis) melanonyx (Pictet, 1843)
 Baetis (Baetis) nexus Navás, 1918
 Baetis (Baetis) nubecularis Eaton, 1898
 Baetis (Baetis) pavidus Grandi, 1951
 Baetis (Baetis) scambus Eaton, 1870
 Baetis (Baetis) tracheatus Kefferm. & Machel 1967
 Baetis (Baetis) vardarensis Ikononov, 1962
 Baetis (Baetis) vernus Curtis, 1834
 Baetis (Labiobaetis) atrebatinus Eaton, 1870
 Baetis (Labiobaetis) calcaratus Keffermüller, 1972
 Baetis (Labiobaetis) tricolor Tshernova, 1928
 Baetis (Nigrobaetis) digitatus Bengtsson, 1912
 Baetis (Nigrobaetis) gracilis Bog. & Tabac., 1957
 Baetis (Nigrobaetis) muticus (Linnaeus, 1758)
 Baetis (Nigrobaetis) niger (Linnaeus, 1761)
 Baetis (Rhodobaetis) rhodani (Pictet, 1843)
 Baetopus (Baetopus) wartensis Kefferm., 1960
 Baetopus (Raptobaetopus) tenellus (Alb., 1878)
 Centroptilum luteolum (O.F. Müller, 1776)
 Cloeon (Cloeon) dipterum (Linnaeus, 1761)
 Cloeon (Intercl.) petropolitanum Kl. & Nov., 1992
 Cloeon (Similicloeon) simile Eaton, 1870
 Procloeon (Procloeon) bifidum (Bengtsson, 1912)
 Procloeon (Pseudocentr.) pennulatum (Eat., 1870)
 Procloeon (Pseudocentr.) pulchrum (Eaton, 1885)

Family Caenidae

Brachycercus europaeus Kluge, 1991
 Brachycercus harrisellus Curtis, 1834
 Caenis beskidensis Sowa, 1973
 Caenis horaria (Linnaeus, 1758)
 Caenis lactea (Burmeister, 1839)
 Caenis luctuosa (Burmeister, 1839)
 Caenis macrura Stephens, 1836
 Caenis martae Belfiore, 1984

Caenis pseudorivulorum Keffermüller, 1960
 Caenis pusilla Navás, 1913
 Caenis rivulorum Eaton, 1884
 Caenis robusta Eaton, 1884
 Cercobrachys minutus (Tshernova, 1952)

Family Ephemerellidae

Ephemerella ignita (Poda, 1761)
 Ephemerella mesoleuca (Brauer, 1857)
 Ephemerella mucronata (Bengtsson, 1909)
 Ephemerella notata Eaton, 1887
 Eurylophella karelica (Tiensuu, 1935)
 Torleya major (Klapálek, 1905)

Family Ephemeridae

Ephemera (Ephemera) danica O.F. Müller, 1764
 Ephemera (Ephemera) lineata Eaton, 1870
 Ephemera (Ephemera) vulgata Linnaeus, 1758
 Ephemera (Sinephemera) glaucops Pictet, 1843

Family Heptageniidae

Ecdyonurus (Ecd.) aurantiacus (Burmeister, 1839)
 Ecdyonurus (Ecd.) dispar (Curtis, 1834)
 Ecdyonurus (Ecd.) insignis (Eaton, 1870)
 Ecdyonurus (Ecd.) macani Thomas & Sowa, 1970
 Ecdyonurus (Ecd.) ruffii Grandi, 1953
 Ecdyonurus (Ecd.) starmachi Sowa, 1971
 Ecdyonurus (Ecd.) submontanus Landa, 1969
 Ecdyonurus (Ecd.) torrentis Kimmins, 1942
 Ecdyonurus (Ecd.) venosus (Fabricius, 1775)
 Ecdyonurus (Helv.) alpinus H., Tom. & Zur., 1987
 Ecdyonurus (Helv.) austriacus Kimmins, 1958
 Ecdyonurus (Helv.) helveticus Eaton, 1883
 Ecdyonurus (Helv.) parahelveticus H. T. & Z. 1986
 Ecdyonurus (Helv.) picteti (Meyer-Dür, 1864)
 Ecdyonurus (Helv.) siveci Jacob & Braasch, 1984
 Ecdyonurus (Helv.) subalpinus Klapálek, 1907
 Ecdyonurus (Helv.) zelleri Eaton, 1885
 Electrogena affinis (Eaton, 1887)
 Electrogena lateralis (Curtis, 1834)
 Electrogena quadrilineata (Landa, 1969)
 Electrogena ujhelyii (Sowa, 1981)
 Epeorus (Epeorus) assimilis Eaton, 1885
 Epeorus (Ironopsis) alpicola (Eaton, 1871)
 Heptagenia (Dacnogenia) coerulans Rostock, 1878
 Heptagenia (Heptg.) flava Rostock, 1878
 Heptagenia (Heptg.) longicauda (Stephens, 1836)
 Heptagenia (Heptg.) sulphurea (O.F. Müller, 1776)
 Heptagenia (Kageronia) fuscogrisea (Retz., 1783)
 Rhithrogena allobrogica Sowa & Degrange, 1987
 Rhithrogena alpestris Eaton, 1885
 Rhithrogena beskidensis Alba-Terc. & Sowa, 1987
 Rhithrogena carpatoalpina Kl., Ol., Sa. & W., 1987
 Rhithrogena circumtatica Sowa & Soldán, 1986
 Rhithrogena corcontica Sowa & Soldán, 1986

Rhithrogena degrangei Sowa, 1969
 Rhithrogena dorieri Sowa, 1971
 Rhithrogena germanica Eaton, 1885
 Rhithrogena gratianopolitana Sowa, D. & S., 1986
 Rhithrogena grischuna Sartori & Oswald, 1988
 Rhithrogena hercynia Landa, 1969
 Rhithrogena hybrida Eaton, 1885
 Rhithrogena iridina (Kolenati, 1859)
 Rhithrogena landai Sowa & Soldán, 1984
 Rhithrogena loyolaea Navás, 1922
 Rhithrogena nivata Eaton, 1871
 Rhithrogena picteti Sowa, 1971
 Rhithrogena podhalensis Sowa & Soldán, 1986
 Rhithrogena puthzi Sowa, 1984
 Rhithrogena puytoraci Sowa & Degrange, 1987
 Rhithrogena savoiensis Alba-Terc. & Sowa, 1987
 Rhithrogena semicolorata (Curtis, 1834)
 Rhithrogena taurisca Bauernfeind, 1992

Family Isonychiidae

Isonychia ignota (Walker, 1853)

Family Leptophlebiidae

Choroterpes (Choroterpes) picteti (Eaton, 1871)
 Habroleptoides auberti (Biancheri, 1954)
 Habroleptoides confusa Sartori & Jacob, 1986
 Habrophlebia eldae Jacob & Sartori, 1984
 Habrophlebia fusca (Curtis, 1834)
 Habrophlebia lauta Eaton, 1884
 Leptophlebia marginata (Linné, 1767)
 Leptophlebia vespertina (Linnaeus, 1758)

Paraleptophlebia cincta (Retzius, 1783)
 Paraleptophlebia submarginata (Stephens, 1836)
 Paraleptophlebia werneri Ulmer, 1920
 Thraululus bellus Eaton, 1881

Family Neoephemeridae

Neoephemera maxima (Joly, 1870)

Family Oligoneuriidae

Oligoneuriella keffermuelleriae Sowa, 1973
 Oligoneuriella pallida (Hagen 1855)
 Oligoneuriella rhenana (Imhoff, 1852)

Family Palingeniidae

Palingenia longicauda (Olivier, 1791)

Family Polymitarcyidae

Ephoron virgo (Olivier, 1791)

Family Potamanthidae

Potamanthus luteus (Linné, 1767)

Family Prosopistomatidae

Prosopistoma pennigerum (O.F. Müller, 1785)

Family Siphonuridae

Siphonurus (Siphonurus) aestivalis Eaton, 1903
 Siphonurus (Siphonurus) armatus Eaton, 1870
 Siphonurus (Siphonurus) croaticus Ulmer, 1920
 Siphonurus (Siphonurus) lacustris Eaton, 1870
 Siphonurus (Siphonurus) alternatus (Say, 1824)