

FAUNA AQUATICA AUSTRIACA

CRUSTACEA (Crustaceans) COPEPODA: HARPACTICOIDA

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Quotation note

Gaviria, S. & A. Fuchs (2017): Crustacea: Copepoda: Harpacticoida.
In Moog, O. & A. Hartmann (Eds.): Fauna Aquatica Austriaca, 3.
Edition 2017. BMLFUW, Wien.



Systematic and nomenclature according to:

Boxshall, G. (2008): Harpacticoida. In: Walter, T.C. & G. Boxshall (2017). World of Copepods database. Accessed at <http://marinespecies.org/copepoda/aphia.php?p=taxdetails&id=1102> on 2017-05-24.

Martin, J. W. & G. E. Davis (2001): An updated classification of the recent Crustacea. Science Series 39. Natural History Museum of Los Angeles County. Los Angeles, CA (USA). VII, 123 pp.

Species inventory

Family Ameiridae

Subfamily Amerinae

Genus *Nitocra* BOECK, 1865

Nitocra divaricata divaricata CHAPPUIS, 1923

Nitocra hibernica hibernica (BRADY, 1880)

Genus *Nitocrella* CHAPPUIS, 1924

Nitocrella hirta hirta CHAPPUIS, 1924

Nitocrella hofmilleri BREHM, 1953

Nitocrella tirolensis KIEFER, 1963

Family Canthocamptidae

Subfamily Canthocamptinae

Genus *Attheyella* BRADY, 1880

Subgenus *Attheyella*

Attheyella (Attheyella) crassa (SARS, 1863)

Attheyella (Attheyella) wierzejskii wierzejskii (MRÁZEK, 1863)

Subgenus *Neomrazekiella*

Attheyella (Neomrazekiella) dentata dentata (POGGENGOL, 1874)

Attheyella (Neomrazekiella) trispinosa (BRADY, 1880)

Genus *Bryocamptus* CHAPPUIS, 1928

Subgenus *Arcticocamptus*

Bryocamptus (Arcticocamptus) alpestris (VOGT, 1845)

Bryocamptus (Arcticocamptus) cuspidatus (SCHMEIL, 1893)

Bryocamptus (Arcticocamptus) rhaeticus (SCHMEIL, 1893)

Bryocamptus (Arcticocamptus) vandouwei (KESSLER, 1914)

Subgenus *Bryocamptus*

Bryocamptus (Bryocamptus) minutus (CLAUS, 1863)

Bryocamptus (Bryocamptus) vej dovskyi vej dovskyi (MRÁZEK, 1893)

Subgenus *Echinocamptus*

Bryocamptus (Echinocamptus) echinatus (MRÁZEK, 1893)

Bryocamptus (Echinocamptus) hoferi (VAN DOUWE, 1907)

Subgenus *Rheocamptus*

Bryocamptus (Rheocamptus) pygmaeus pygmaeus (SARS, 1863)

Bryocamptus (Rheocamptus) typhlops (MRÁZEK, 1893)

Bryocamptus (Rheocamptus) weberi (KESSLER, 1914)

Bryocamptus (Rheocamptus) zschokkei tatrensis (MINKIEWICZ, 1917)

Bryocamptus (Rheocamptus) zschokkei zschokkei (SCHMEIL, 1893)

Genus *Canthocamptus* WESTWOOD, 1836

Subgenus *Canthocamptus*

Canthocamptus (Canthocamptus) microstaphylinus WOLF, 1905

Canthocamptus (Canthocamptus) staphylinus (JURINE, 1820)

Genus Elaphoidella CHAPPUIS, 1929*Elaphoidella bidens* (SCHMEIL, 1894)*Elaphoidella elaphoides* (CHAPPUIS, 1924)*Elaphoidella gracilis gracilis* (SARS, 1863)*Elaphoidella plesai* PESCE & GALASSI, 1994*Elaphoidella proserpina* CHAPPUIS, 1934**Genus Epactophanes** MRÁZEK, 1893*Epactophanes richardi* MRÁZEK, 1893**Genus Hypocamptus** CHAPPUIS, 1929*Hypocamptus brehmi* (VAN DOUWE, 1922)**Genus Maraenobiotus** MRÁZEK, 1893*Maraenobiotus brucei carpathicus* CHAPPUIS, 1928*Maraenobiotus insignipes alpinus* KEILHACH, 1909*Maraenobiotus vej dovskyi truncatus* GURNEY, 1932*Maraenobiotus vej dovskyi vej dovskyi* MRÁZEK, 1893*Maraenobiotus vej dovskyi zschokkei* KREIS, 1920**Genus Moraria** T. & A. SCOTT, 1893**Subgenus Moraria***Moraria (Moraria) brevipes* (SARS, 1863)*Moraria (Moraria) monticola* (MENZEL, 1912)*Moraria (Moraria) poppei* (MRÁZEK, 1893)*Moraria (Moraria) radovnae* BRANCELJ, 1988*Moraria (Moraria) varica* (GRAETER, 1911)**Genus Pesceus** ÖZDIKMEN, 2008*Pesceus schmeili* (MRÁZEK, 1893)**Genus Pilocamptus** HUYS, 2009*Pilocamptus pilosus* (VAN DOUWE, 1910)**Family Ectinosomatidae****Genus Halectinosoma** LANG, 1948*Halectinosoma abrau* (KRICHAGIN, 1878)**Family Parastenocarididae****Subfamily Fontinalicaridinae****Genus Fontinalicaris** JAKOBI, 1972*Fontinalicaris fontinalis fontinalis* SCHNITTER & CHAPPUIS, 1914**Genus Proserpinicaris** JAKOBI, 1972*Proserpinicaris phyllura* (KIEFER, 1938)**Subfamily Parastenocaridinae****Genus Horstkurtcaris** KARANOVIC & LEE, 2012*Horstkurtcaris nolli nolli* (KIEFER, 1938)**Genus Minutacaris** JAKOBI, 1972*Minutacaris austriaca* (KIEFER, 1976)

Genus *Parastenocaris* KESSLER, 1913*Parastenocaris brevipes* KESSLER, 1913*Parastenocaris germanica* KIEFER, 1936**Family *Phyllognathopodidae*****Genus *Phyllognathopus*** MRÁZEK, 1893*Phyllognathopus viguieri* (MAUPAS, 1892)

Functional feeding guilds**(Adults, copepodite stages 4 and 5)*;****

	SHR	GRA	AFIL	PFIL	DET	MIN	XYL	PRE	PAR	OTH
Attheyella										
Untergattung Attheyella										
<i>Attheyella (Attheyella) crassa</i>	-	-	-	-	5	-	-	-	-	5
<i>Attheyella (Attheyella) wierzejskii wierzejskii</i>	-	-	-	-	++	-	-	-	-	++
Untergattung Neomrazekiella										
<i>Attheyella (Neomrazekiella) dentata dentata</i>	-	-	-	-	++	-	-	-	+	++
<i>Attheyella (Neomrazekiella) trispinosa</i>	-	-	-	-	++	-	-	-	+	++
Bryocamptus										
Untergattung Arcticocamptus										
<i>Bryocamptus (Arcticocamptus) alpestris</i>	-	-	-	-	++	-	-	-	-	++
<i>Bryocamptus (Arcticocamptus) cuspidatus</i>	-	-	-	-	++	-	-	-	-	++
<i>Bryocamptus (Arcticocamptus) rhaeticus</i>	-	-	-	-	++	-	-	-	-	++
<i>Bryocamptus (Arcticocamptus) vandouwei</i>	-	-	-	-	++	-	-	-	-	++
Untergattung Bryocamptus										
<i>Bryocamptus (Bryocamptus) minutus</i>	-	-	-	-	3	-	-	4	-	3
<i>Bryocamptus (Bryocamptus) vej dovskiyi vej dovskiyi</i>	-	-	-	-	++	-	-	-	-	++
Untergattung Echinocamptus										
<i>Bryocamptus (Echinocamptus) echinatus</i>	-	-	-	-	5	-	-	-	-	5
<i>Bryocamptus (Echinocamptus) hoferi</i>	-	-	-	-	++	-	-	-	-	++
Untergattung Rheocamptus										
<i>Bryocamptus (Rheocamptus) pygmaeus pygmaeus</i>	-	-	-	-	5	-	-	-	-	5
<i>Bryocamptus (Rheocamptus) typhlops</i>	-	-	-	-	++	-	-	-	-	++
<i>Bryocamptus (Rheocamptus) weberi</i>	-	-	-	-	++	-	-	-	-	++
<i>Bryocamptus (Rheocamptus) zschokkei tatrensis</i>	-	-	-	-	++	-	-	-	-	++
<i>Bryocamptus (Rheocamptus) zschokkei zschokkei</i>	-	-	-	-	++	-	-	-	-	++
Canthocamptus										
Untergattung Canthocamptus										

	SHR	GRA	AFIL	PFIL	DET	MIN	XYL	PRE	PAR	OTH
<i>Canthocamptus</i>	-	-	-	-	5	-	-	-	-	5
(<i>Canthocamptus</i>)										
<i>microstaphylinus</i>										
<i>Canthocamptus</i>	-	-	-	-	5	-	-	-	-	5
(<i>Canthocamptus</i>) <i>staphylinus</i>										
Elaphoidella										
<i>Elaphoidella bidens</i>	-	-	-	-	++	-	-	-	-	++
<i>Elaphoidella elaphoides</i>	-	-	-	-	++	-	-	-	-	++
<i>Elaphoidella gracilis gracilis</i>	-	-	-	-	5	-	-	-	-	5
<i>Elaphoidella plesai</i>	-	-	-	-	++	-	-	-	-	++
<i>Elaphoidella proserpina</i>	-	-	-	-	++	-	-	-	-	++
Epactophanes										
<i>Epactophanes richardi</i>	-	-	-	-	++	-	-	-	-	++
Fontinalicaris										
<i>Fontinalicaris fontinalis</i>	-	-	-	-	++	-	-	-	-	++
<i>fontinalis</i>										
Halectinosoma										
<i>Halectinosoma abrau</i>	-	-	-	-	++	-	-	-	-	++
Horstkurtcaris										
<i>Horstkurtcaris noll noll</i>	-	-	-	-	++	-	-	-	-	++
Hypocamptus										
<i>Hypocamptus brehmi</i>	-	-	-	-	++	-	-	-	-	++
Maraenobiotus										
<i>Maraenobiotus brucei</i>	-	-	-	-	++	-	-	-	-	++
<i>carpathicus</i>										
<i>Maraenobiotus insignipes</i>	-	-	-	-	++	-	-	-	-	++
<i>alpinus</i>										
<i>Maraenobiotus vej dovskyi</i>	-	-	-	-	++	-	-	-	-	++
<i>truncatus</i>										
<i>Maraenobiotus vej dovskyi</i>	-	-	-	-	++	-	-	-	-	++
<i>vej dovskyi</i>										
<i>Maraenobiotus vej dovskyi</i>	-	-	-	-	++	-	-	-	-	++
<i>zschokkei</i>										
Minutacaris										
<i>Minutacaris austriaca</i>	-	-	-	-	++	-	-	-	-	++
Moraria										
Untergattung Moraria										
<i>Moraria (Moraria) brevipes</i>	-	-	-	-	5	-	-	-	-	5
<i>Moraria (Moraria) monticola</i>	-	-	-	-	++	-	-	-	-	++
<i>Moraria (Moraria) poppei</i>	-	-	-	-	++	-	-	-	-	++
<i>Moraria (Moraria) radovnae</i>	-	-	-	-	++	-	-	-	-	++
<i>Moraria (Moraria) varica</i>	-	-	-	-	++	-	-	-	-	++
Nitocra										
<i>Nitocra divaricata divaricata</i>	-	-	-	-	-	-	-	-	10	-
<i>Nitocra hibernica hibernica</i>	-	-	-	-	++	-	-	-	-	++
Nitocrella										
<i>Nitocrella hirta hirta</i>	-	-	-	-	++	-	-	-	-	++
<i>Nitocrella hofmilleri</i>	-	-	-	-	++	-	-	-	-	++

	SHR	GRA	AFIL	PFIL	DET	MIN	XYL	PRE	PAR	OTH
<i>Nitocrella tirolensis</i>	-	-	-	-	++	-	-	-	-	++
Parastenocaris										
<i>Parastenocaris brevipes</i>	-	-	-	-	++	-	-	-	-	-
<i>Parastenocaris germanica</i>	-	-	-	-	++	-	-	-	-	-
Pesceus										
<i>Pesceus schmeili</i>	-	4	-	-	3	-	-	-	-	3
Phyllognathopus										
<i>Phyllognathopus viguieri</i>	-	-	-	-	++	-	-	-	-	++
Pilocamptus										
<i>Pilocamptus pilosus</i>	-	-	-	-	++	-	-	-	-	++
Proserpinicaris										
<i>Proserpinicaris phyllura</i>	-	-	-	-	++	-	-	-	-	++

* Depending on the food supply, each population shows different nutritional patter.

** The most species are particle eaters (detritus, algae, invertebrates); smaller food particles are actively filtered, larger ones are grabbed or grasped.

GRA: Benthic and epiphytic algae

OTH: Biofilm (bacteria, fungi, protozoons)