

FAUNA AQUATICA AUSTRIACA

CRUSTACEA (Crustaceans) OSTRACODA (Ostracods)

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



Systematic and nomenclature according to:

Horne, D. J., Schön, I., Smith, R. J. & K. Martens (2005): What are Ostracoda? A cladistic analysis of the extant superfamilies of the subclass Myodocopa and Podocopa (Crustacea: Ostracoda). In: Koenemann, S. & Jenner, R. A. (eds) Crustacea and arthropod relationships. - Crustacean Issues, Vol. 16. Taylor & Francis, London, pp. 249-273.

Karanovic, I. (2012): Recent Freshwater Ostracods of the World. Crustacea, Ostracoda, Podocopida. Springer Heidelberg, Dordrecht, London, New York, 608 pp.

Martens, K., Rossetti, G. & W. Geiger (1998): Intraspecific morphological variability of limbs. In: Martens, K. (ed) Sex and Pathenogenesis, pp.143-155. Backhuys Publishers.

Meisch, C. (2000): Freshwater Ostracoda of Western and Central Europe. In: Schwoerbel, J., Zwick, P. (eds), Süßwasserfauna von Mitteleuropa 8/3. Spektrum Akademischer Verlag, Heidelberg, Berlin, 522 pp.

Species inventory

Order Podocopida

Suborder Cytherocopina

Superfamily Cytheroidea

Family Cytherideidae

Genus *Cytherissa* SARS, 1925

Cytherissa lacustris (SARS, 1863)

Family Limnocytheridae

Subfamily Limnocytherinae

Genus *Leucocythere* KAUFMANN, 1892

Leucocythere mirabilis (KAUFMANN, 1892)

Genus *Limnocythere* BRADY, 1867

Limnocythere inopinata (BAIRD, 1843)

Limnocythere stationis VÁVRA, 1891

Genus *Limnocytherina* NEGADAEV-NIKONOV, 1967

Limnocytherina sanctipatricii (BRADY & ROBERTSON, 1869)

Genus *Paralimnocythere* CARBONELL, 1985

Paralimnocythere relictia (LILLJEBORG, 1863)

Subfamily Timiriaseviinae

Genus *Kovalevskiella*

Kovalevskiella sp. indet KLEIN, 1963 undescribed species

Genus *Metacypris* BRADY & ROBERTSON, 1870

Metacypris cordata BRADY & ROBERTSON, 1870

Suborder Cypridocopina

Superfamily Cypridoidea

Family Candonidae

Subfamily Candoninae

Genus *Candona* BAIRD, 1845

Candona candida (O.F. MÜLLER, 1776)

Candona neglecta SARS, 1887

Candona weltneri HARTWIG, 1899

Genus *Candonopsis* (BRADY & ROBERTSON, 1870)

Subgenus *Candonopsis*

Candonopsis (Candonopsis) kingsleii BRADY

Genus *Cryptocandon* KAUFMANN, 1900

Cryptocandon kieferi danubialis NAMOTKO, MARMONIER & DANIELOPOL, 2005

Cryptocandon vavrai KAUFMANN, 1900

Genus Eucandona DADAY, 1900*Eucandona balatonica* (DADAY, 1894)**Genus Fabaeformiscandona** KRSTC, 1972*Fabaeformiscandona bilobata* (KLIE, 1938)*Fabaeformiscandona brevicornis* (KLIE, 1925)*Fabaeformiscandona fabaeformis* (FISCHER, 1851)*Fabaeformiscandona fragilis* (HARTWIG, 1898)*Fabaeformiscandona hyalina* (BRADY & ROBERTSON, 1870)*Fabaeformiscandona latens* (KLIE, 1940) occurrence in Austria not certainly proved*Fabaeformiscandona levanteri* (HIRSCHMANN, 1912)*Fabaeformiscandona lozeki* (ABSOLON, 1973) extremities of species unknown, thus finding not sure*Fabaeformiscandona protzi* (HARTWIG, 1898)*Fabaeformiscandona tyrolensis* (LÖFFLER, 1963)*Fabaeformiscandona wegelinei* (PETKOVSKI, 1962)**Genus Marmocandona** DANIELOPOL, NAMIOTKO & MEISCH, 2012*Marmocandona zschokkei* (WOLF, 1920)**Genus Mixtacandona** KLIE, 1938*Mixtacandona laisi vindobonensis* (LÖFFLER, 1963)*Mixtacandona spandli* ROGULJ & DANIELOPOL, 1993*Mixtacandona transleithanica* (LÖFFLER, 1960)**Genus Nannocandona** EKMAN, 1914*Nannocandona faba* (EKMAN, 1914)**Genus Pseudocandona** SARS, 1861*Pseudocandona albicans* (BRADY, 1864)*Pseudocandona compressa* (KOCH, 1838)*Pseudocandona lobipes* (HARTWIG, 1900)*Pseudocandona marchica* (HARTWIG, 1899)*Pseudocandona pratensis* (HARTWIG, 1901)*Pseudocandona rostrata* (BRADY & NORMAN, 1889)*Pseudocandona sarsi* (HARTWIG, 1899)*Pseudocandona szoecsi* (FARKAS, 1958)**Genus Schellencandona** MEISCH, 1996*Schellencandona schellenbergi* (KLIE, 1924)**Genus Typhlocypris** NAMIOTKO, DANIELOPOL, MEISCH, GROSS & MORF, 2012*Typhlocypris eremita* (VEJDOVSKY, 1882)**Subfamily Cyclocypridinae****Genus Cyclocypris** BRADY & NORMAN, 1889*Cyclocypris laevis* (O.F. MÜLLER, 1776)*Cyclocypris ovum* (JURINE, 1820)*Cyclocypris serena* (KOCH, 1838)**Genus Cypria** ZENKER, 1854*Cypria exsculpta* (FISCHER, 1855)*Cypria ophtalmica* (JURINE, 1820)

Genus Physocypria VÁVRA, 1897*Physocypria kraepelini* G.W. MÜLLER, 1890**Family Cyprididae****Subfamily Cypricercinae****Genus Brandleystrandesia** MCKENZIE, 1982*Brandleystrandesia fuscata* (JURINE, 1820)*Brandleystrandesia hirsuta* (FISCHER, 1851) occurrence in Austria not certainly proved*Brandleystrandesia reticulata* (ZADDACH, 1844)**Subfamily Cypridinae****Genus Cypris** O.F. MÜLLER, 1776*Cypris pubera* O.F. MÜLLER, 1776**Subfamily Cypridopsinae****Genus Cavernocypris** HARTMANN, 1964*Cavernocypris subterranea* (WOLF, 1920)**Genus Cypridopsis** BRADY, 1867*Cypridopsis elongata* (KAUFMANN, 1900)*Cypridopsis hartwigi* G.W. MÜLLER, 1900*Cypridopsis vidua* (O.F. MÜLLER, 1776)**Genus Plesiocypridopsis** ROME, 1965*Plesiocypridopsis newtoni* (BRADY & ROBERTSON, 1870)**Genus Potamocypris** BRADY, 1870*Potamocypris arcuata* (O.F. MÜLLER, 1776)*Potamocypris fulva* BRADY, 1868*Potamocypris palida* ALM, 1914*Potamocypris similis* G.W. MÜLLER, 1912*Potamocypris unicaudata* SCHÄFER, 1943*Potamocypris villosa* (JURINE, 1820)*Potamocypris zschokkei* (KAUFMANN, 1900)**Subfamily Cyprinotinae****Genus Heterocypris** CLAUS, 1892*Heterocypris incongruens* (RAMDOHR, 1808)*Heterocypris reptans* (KAUFMANN, 1900)*Heterocypris salina* (BRADY, 1868)**Subfamily Cyproidinae****Genus Cyprois** ZENKER, 1854*Cyprois marginata* (STRAUS, 1821)**Subfamily Dolerocypridinae****Genus Dolerocypris** KAUFMANN, 1900*Dolerocypris fasciata* (O.F. MÜLLER, 1776)

Subfamily Eucypridinae**Genus Eucypris** VÁVRA, 1891*Eucypris elliptica* (BAIRD, 1846)*Eucypris pigra* FISCHER, 1851*Eucypris virens* (JURINE, 1820)**Genus Koencypris** MEISCH, 2000*Koencypris ornata* (O.F. MÜLLER, 1776)**Genus Prionocypris** BRADY & NORMAN, 1896*Prionocypris zenkeri* (CHYZER & TOTH, 1858)**Genus Tonnacypris** DIEBEL & PIETRZENIUK, 1975*Tonnacypris lutaria* (KOCH, 1838)**Genus Trajancypris** MARTENS, 1989*Trajancypris clavata* (BAIRD, 1838) occurrence in Austria not certainly proved**Subfamily Herpetocypridinae****Genus Herpetocypris** BRADY & NORMAN, 1889*Herpetocypris chevreuxi* (SARS, 1896)*Herpetocypris helenae* G.W. MÜLLER, 1908*Herpetocypris reptans* (BAIRD, 1835)**Genus Psychrodromus** DANIELOPOL & MCKENZIE, 1977*Psychrodromus fontinalis* (WOLF, 1920)*Psychrodromus olivaceus* (BRADY & NORMAN, 1889)**Genus Stenocyprina** G.W. MÜLLER, 1901*Stenocyprina fischeri* (LILLJEBORG, 1883)**Subfamily Hungarocypridinae****Genus Hungarocypris** VÁVRA, 1906*Hungarocypris madaraszi* (ÖRLEY, 1886)**Subfamily Isocypridinae****Genus Isocypris** G.W. MÜLLER, 1908*Isocypris beauchampi* (PARIS, 1920)**Subfamily Scottiinae****Genus Scottia** BRADY & NORMAN, 1889*Scottia pseudobrowniana* (KEMPF, 1971)**Family Ilyocyprididae****Subfamily Ilyocypridinae****Genus Ilyocypris** BRADY & NORMAN, 1889*Ilyocypris bradyi* SARS, 1890*Ilyocypris decipiens* MASI, 1905*Ilyocypris gibba* (RAMDOHR, 1808)*Ilyocypris inermis* KAUFMANN, 1900*Ilyocypris lacustris* KAUFMANN, 1900

Family Notodromatidae**Subfamily Notodromatinae****Genus Notodromas** LILLJEBORG, 1853*Notodromas monacha* (O.F. MÜLLER, 1776)*Notodromas persica* GURNEY, 1921**Superfamily Darwinuloidea****Family Darwinuloidae****Genus Darwinula** BRADY & ROBERTSON, 1885*Darwinula stevensoni* (BRADY & ROBERTSON, 1870)

	Longitudinal distribution									
	EUC	HYC	ER	MR	HR	EP	MP	HP	LIT	PRO
Brandleystrandesia										
<i>Brandleystrandesia fuscata</i>	+	-	-	-	-	-	-	-	+	-
		typical in temporary puddles								
<i>Brandleystrandesia hirsuta</i>	-	+	-	-	-	-	1	1	8	-
		preferably in temporary puddles								
<i>Brandleystrandesia reticulata</i>	+	+	-	-	-	-	1	1	8	-
		preferably in temporary puddles								
Candona										
<i>Candona candida</i>	+	+	-	-	-	-	-	-	+	+
		also in streams and groundwater								
<i>Candona neglecta</i>	-	-	-	-	-	-	-	-	-	-
<i>Candona weltneri</i>	++	++	-	-	-	-	+	+	++	+
Candonopsis										
<i>Candonopsis (Candonopsis) kingsleii</i>	-	-	-	-	-	-	-	-	-	-
Cavernocypris										
<i>Cavernocypris subterranea</i>	++	++	-	-	-	-	-	+	+	-
		also in groundwater								
Cryptocandon										
<i>Cryptocandon kieferi danubialis</i>	9	-	-	-	-	-	-	1	-	-
		stygobiont								
<i>Cryptocandon vavrai</i>	++	++	-	-	-	-	-	-	-	-
		also in streams and groundwater								
Cyclocypris										
<i>Cyclocypris laevis</i>	+	+	-	-	-	-	-	-	+	+
		also in streams								
<i>Cyclocypris ovum</i>	+	+	-	-	-	-	-	-	++	+
		also in streams; occasionally in groundwater								
<i>Cyclocypris serena</i>	+	+	-	-	-	-	-	-	+	+
		occasionally in streams								
Cypria										
<i>Cypria exsculpta</i>	+	+	-	-	-	-	-	-	++	+
		also in streams								
<i>Cypria ophtalmica</i>	+	+	-	-	-	-	-	-	++	+
		also in streams								
Cypridopsis										
<i>Cypridopsis elongata</i>	-	-	-	-	-	-	-	-	10	-
<i>Cypridopsis hartwigi</i>	-	-	-	-	-	-	-	-	10	-
<i>Cypridopsis vidua</i>	+	-	-	-	-	+	+	++	++	+
Cypris										
<i>Cypris pubera</i>	-	-	-	-	-	-	+	+	++	-
Cyprois										
<i>Cyprois marginata</i>	-	-	-	-	-	-	-	-	10	-
Cytherissa										
<i>Cytherissa lacustris</i>	-	-	-	-	-	-	-	-	3	7

	EUC	HYC	ER	MR	HR	EP	MP	HP	LIT	PRO
Darwinula										
<i>Darwinula stvensoni</i>	+	-	-	-	-	-	+	+	++	-
		also in the interstitial								
Dolerocypris										
<i>Dolerocypris fasciata</i>	-	-	-	-	-	-	+	+	++	-
		also in temporary puddles								
Eucandona										
<i>Eucandona balatonica</i>	-	-	-	-	-	-	+	+	++	-
Eucypris										
<i>Eucypris elliptica</i>	-	-	-	-	-	-	-	-	10	-
		preferably in temporary puddles								
<i>Eucypris pigra</i>	++	++	-	-	-	-	-	+	+	-
		also lives in temporary puddles								
<i>Eucypris virens</i>	-	-	+	+	+	+	+	+	++	-
		preferably in temporary puddles								
Fabaeformiscandona										
<i>Fabaeformiscandona bilobata</i>	-	-	-	-	-	-	-	-	-	-
		stygobiont								
<i>Fabaeformiscandona brevicornis</i>	+	+	-	-	-	-	-	-	+	-
<i>Fabaeformiscandona fabaeformis</i>	-	-	-	-	-	-	-	-	10	-
		preferably in temporary puddles								
<i>Fabaeformiscandona fragilis</i>	-	-	-	-	-	-	-	-	-	-
<i>Fabaeformiscandona hyalina</i>	-	-	-	-	-	-	-	+	++	-
<i>Fabaeformiscandona latens</i>	+	+	-	-	-	-	+	+	+	-
		stygobiont, survives in surface waters								
<i>Fabaeformiscandona levanteri</i>	-	-	-	-	-	-	-	-	5	5
<i>Fabaeformiscandona lozeki</i>	-	-	-	-	-	-	-	-	-	++
<i>Fabaeformiscandona protzi</i>	-	-	-	-	-	+	+	+	++	+
<i>Fabaeformiscandona tyrolensis</i>	-	-	-	-	+	-	-	-	-	-
		lives in the interstitial of mountain streams								
<i>Fabaeformiscandona wegolini</i>	-	-	-	-	-	-	-	-	-	-
Herpetocypris										
<i>Herpetocypris chevreuxi</i>	-	-	-	-	-	-	-	+	++	-
<i>Herpetocypris helenae</i>	-	-	-	-	-	-	-	+	++	-
<i>Herpetocypris reptans</i>	+	-	-	-	-	-	+	+	++	-
Heterocypris										
<i>Heterocypris incongruens</i>	+	-	-	-	-	-	+	+	++	-
		preferably in small puddles; occasionally in groundwater; also in streams (still water areas)								
<i>Heterocypris reptans</i>	+	+	-	-	-	-	-	-	+	-
		also in streams								
<i>Heterocypris salina</i>	+	-	-	-	-	-	-	-	+	-
Hungarocypris										
<i>Hungarocypris madaraszzi</i>	-	-	-	-	-	-	-	-	10	-

	EUC	HYC	ER	MR	HR	EP	MP	HP	LIT	PRO
Ilyocypris										
<i>Ilyocypris bradyi</i>	++	++	-	-	-	-	-	+	+	-
			also in the interstitial of streams; occasionally in temporary puddles							
<i>Ilyocypris decipiens</i>	+	-	-	-	-	-	+	+	+	-
			also in the interstitial; occasionally in temporary puddles							
<i>Ilyocypris gibba</i>	+	-	-	-	-	-	-	-	++	-
			also in temporary puddles and streams							
<i>Ilyocypris inermis</i>	++	++	-	-	-	-	-	-	-	+
			also in mountain streams and groundwater							
<i>Ilyocypris lacustris</i>	-	-	-	-	-	-	-	-	-	10
Isocypris										
<i>Isocypris beauchampi</i>	-	-	-	-	-	-	-	5	5	-
			also in the interstitial							
Koencypris										
<i>Koencypris ornata</i>	-	-	-	-	-	-	-	-	10	-
			preferably in temporary puddles							
Kovalevskiella										
<i>Kovalevskiella sp. indet</i>	-	-	-	-	-	-	-	-	-	-
			stygobiont in the interstitial of rivers and backwaters							
Leucocythere										
<i>Leucocythere mirabilis</i>	-	-	-	-	-	-	-	-	-	10
Limnocythere										
<i>Limnocythere inopinata</i>	-	-	-	-	-	-	+	+	+	+
			also in slowly flowing streams; also in the upper interstitial							
<i>Limnocythere stationis</i>	-	-	-	-	-	-	-	-	10	-
Limnocytherina										
<i>Limnocytherina sanctipatricii</i>	-	-	-	-	-	-	-	-	5	5
Marmocandona										
<i>Marmocandona zschokkei</i>	+	+	-	-	-	-	-	-	-	-
			stygobiont							
Metacypris										
<i>Metacypris cordata</i>	+	-	-	-	-	-	-	-	++	+
			also in slowly flowing streams							
Mixtacandona										
<i>Mixtacandona laisi</i>	-	-	-	-	-	-	-	-	-	-
<i>vindobonensis</i>			stygobiont							
<i>Mixtacandona spandli</i>	-	-	-	-	-	-	-	-	-	-
			stygobiont							
<i>Mixtacandona transleithanica</i>	+	-	-	-	-	-	-	-	-	-
			stygobiont							
Nannocandona										
<i>Nannocandona faba</i>	-	-	-	-	+	-	-	-	+	-
			stygophil							
Notodromas										
<i>Notodromas monacha</i>	-	-	-	-	-	-	-	-	10	-
			also in plankton							
<i>Notodromas persica</i>	-	-	-	-	-	-	-	-	10	-
			also in plankton							
Paralimnocythere										
<i>Paralimnocythere relictia</i>	-	-	-	-	-	-	-	-	-	-

	EUC	HYC	ER	MR	HR	EP	MP	HP	LIT	PRO
Physocypria										
<i>Physocypria kraepelini</i>	-	-	-	-	-	-	+	+	+	-
Plesiocypridopsis										
<i>Plesiocypridopsis newtoni</i>	+	+	-	-	-	-	-	+	++	-
			also in groundwater							
Potamocypris										
<i>Potamocypris arcuata</i>	-	-	-	-	-	-	-	-	10	-
			rare in lakes							
<i>Potamocypris fulva</i>	+	+	-	-	-	-	-	-	+	-
			preferably in the ground water and shallow, slow flowing streams							
<i>Potamocypris palida</i>	++	++	-	-	-	-	-	-	+	-
			also in the interstitial of streams; stygophil							
<i>Potamocypris similis</i>	-	-	-	-	-	-	-	-	+	-
<i>Potamocypris unicaudata</i>	-	-	-	-	-	-	-	-	10	-
			also in saline lakes							
<i>Potamocypris villosa</i>	-	++	-	-	-	-	-	-	+	-
<i>Potamocypris zschokkei</i>	+	++	-	-	-	-	-	-	-	-
			also in the interstitial of streams							
Prionocypris										
<i>Prionocypris zenkeri</i>	-	+	-	-	-	-	-	+	-	-
			preferably in slowly flowing waters; also lives in the interstitial							
Pseudocandona										
<i>Pseudocandona albicans</i>	+	+	-	-	-	-	-	+	++	-
			also in groundwater							
<i>Pseudocandona compressa</i>	-	-	-	-	-	-	-	-	10	-
<i>Pseudocandona lobipes</i>	-	+	-	-	-	-	-	-	+	-
			preferably puddles; rarely in the interstitial							
<i>Pseudocandona marchica</i>	+	-	-	-	-	-	-	+	++	-
			also in the benthal and interstitial of rivers							
<i>Pseudocandona pratensis</i>	+	-	-	-	-	-	-	-	++	-
			also in streams; occasionally in groundwater							
<i>Pseudocandona rostrata</i>	+	-	-	-	-	-	-	-	++	+
			also in streams and groundwater							
<i>Pseudocandona sarsi</i>	+	-	-	-	-	-	-	-	++	-
			preferably in temporary puddles; also lives in the interstitial of rivers and groundwater							
<i>Pseudocandona szoecsi</i>	-	-	-	-	-	-	-	-	-	-
			stygobiont							
Psychrodromus										
<i>Psychrodromus fontinalis</i>	5	5	-	-	-	-	-	-	-	-
			stygophil							
<i>Psychrodromus olivaceus</i>	4	6	-	-	-	-	-	-	-	-
			occasionally in the interstitial of rivers; stygophil							
Schellencandona										
<i>Schellencandona schellenbergi</i>	-	-	-	-	-	-	-	-	-	-
			stygobiont							
Scottia										
<i>Scottia pseudobrowniana</i>	-	++	-	-	-	-	-	-	+	-
			preferably in marshes; also lives semiterrestrically							

	EUC	HYC	ER	MR	HR	EP	MP	HP	LIT	PRO
Stenocyprina										
<i>Stenocyprina fischeri</i>	-	-	-	-	-	-	-	-	10	-
Tonnacypris										
<i>Tonnacypris lutaria</i>	+	+	-	-	-	-	-	-	++	-
			preferably in temporary puddles							
Trajancypris										
<i>Trajancypris clavata</i>	-	-	-	-	-	-	-	-	-	10
			preferably in temporary puddles							
Typhlocypris										
<i>Typhlocypris eremita</i>	+	-	-	-	-	-	-	-	-	-
		stygobiont								