

FAUNA AQUATICA AUSTRIACA

CRUSTACEA (Crustaceans) ANOSTRACA, NOTOSTRACA, "CONCHOSTRACA"

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Systematics and nomenclature used follow Belk & Brtek (1995, for Anostraca), Longhurst (1955, for Notostraca) and Brtek (1976, for Laevicaudata and Spinicaudata). *Branchinecta ferox* and *Branchinecta orientalis* have not been differentiated since Kertész (1955) and Jungwirth (1973) handled them as "*Branchinecta ferox-orientalis*". Petkovski (1991) clarified the taxonomic status of both species ecologically and morphologically.

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Species inventory Anostraca

Family Branchinectidae

Genus Branchinecta VERRILL, 1969

Branchinecta ferox (EDWARDS, 1840)

Branchinecta orientalis SARS, 1901

Family Streptocephalidae

Genus Streptocephalus BAIRD, 1852

Streptocephalus torvicornis (WAGA, 1842)

Family Branchipodidae

Genus Branchipus SCHÄFFER, 1776

Branchipus schaefferi FISCHER, 1834

Genus Tanymastix SIMON, 1886

Tanymastix stagnalis (LINNAEUS, 1758)

Family Chirocephalidae

Genus Chirocephalus PREVOST, 1803

Chirocephalus carnuntanus (BRAUER, 1877)

Chirocephalus shadini (SMRINOV, 1928)

Genus Eubbranchipus VERRILL, 1870

Eubbranchipus (Siphonophanes) grubii (DYBOWSKY, 1860)

Species inventory Notostraca

Family Triopsidae

Genus *Lepidurus* LEACH, 1819

Lepidurus apus (LINNAEUS, 1758)

Genus *Triops* SCHRANK, 1803

Triops cancriformis (BOSC, 1801)

Species inventory "Conchostraca"

Family Limnadiidae

Genus Limnadia BRONGNIART, 1820

Limnadia lenticularis (LINNAEUS, 1758)

Family Imnadiidae

Genus Imnadia HERTZOG, 1935

Imnadia yeyetta HERTZOG, 1935

Family Leptestheriidae

Genus Eoleptestheria DADAY, 1923

Eoleptestheria ticinensis (BALSAMO-CRIVELLI, 1859)

Genus Leptestheria SARS, 1898

Leptestheria dahalacensis (RÜPPELL, 1837)

Family Cyzicidae

Genus Cyzicus AUDOUIN, 1837

Cyzicus tetracerus (KRYNICKI, 1830)

Family Lynceidae

Genus Lynceus O.F. MÜLLER, 1776

Lynceus brachyurus O.F. MÜLLER, 1776

Saprobic valencies Anostraca

	x	o	ß	a	p	W	SI
Branchinecta							
<i>Branchinecta ferox</i>	-	-	-	-	-	-	-
	not a saprobic indicator						
<i>Branchinecta orientalis</i>	-	-	-	-	-	-	-
	not a saprobic indicator						
Branchipus							
<i>Branchipus schaefferi</i>	-	-	-	-	-	-	-
	not a saprobic indicator						
Chirocephalus							
<i>Chirocephalus carnuntanus</i>	-	-	-	-	-	-	-
	not a saprobic indicator						
<i>Chirocephalus shadini</i>	-	-	-	-	-	-	-
	not a saprobic indicator; *						
Eubbranchipus							
<i>Eubbranchipus (Siphonophanes) grubii</i>	-	-	-	-	-	-	-
	not a saprobic indicator; *						
Streptocephalus							
<i>Streptocephalus torvicornis</i>	-	-	-	-	-	-	-
	not a saprobic indicator						
Tanymastix							
<i>Tanymastix stagnalis</i>	-	-	-	-	-	-	-
	not a saprobic indicator; (*)						

* There are known differences, in reference to water quality indication, of species typically found in particular seasons, i.e. summer or spring. Cold water species are marked with an asterisk and are more demanding of particular conditions than other species that are typically found in summer.

Saprobic valencies Notostraca

	x	o	ß	a	p	W	SI
Lepidurus							
<i>Lepidurus apus</i>	-	-	-	-	-	-	-
	not a saprobic indicator; *						
Triops							
<i>Triops cancriformis</i>	-	-	-	-	-	-	-
	not a saprobic indicator						

* There are known differences, in reference to water quality indication, of species typically found in particular seasons, i.e. summer or spring. Cold water species are marked with an asterisk and are more demanding of particular conditions than other species that are typically found in summer.

Saprobic valencies Notostraca

	x	o	ß	a	p	W	SI
Cyzicus							
<i>Cyzicus tetracerus</i>	-	-	-	-	-	-	-
	not a saprobic indicator; *						
Eoleptestheria							
<i>Eoleptestheria ticinensis</i>	-	-	-	-	-	-	-
	not a saprobic indicator						
Imnadia							
<i>Imnadia yeyetta</i>	-	-	-	-	-	-	-
	not a saprobic indicator; (*)						
Leptestheria							
<i>Leptestheria dahalacensis</i>	-	-	-	-	-	-	-
	not a saprobic indicator						
Limnadia							
<i>Limnadia lenticularis</i>	-	-	-	-	-	-	-
	not a saprobic indicator						
Lynceus							
<i>Lynceus brachyurus</i>	-	-	-	-	-	-	-
	not a saprobic indicator						

* There are known differences, in reference to water quality indication, of species typically found in particular seasons, i.e. summer or spring. Cold water species are marked with an asterisk and are more demanding of particular conditions than other species that are typically found in summer.

Longitudinal distribution Anostraca										
	EUC	HYC	ER	MR	HR	EP	MP	HP	LIT	PRO
Branchinecta										
<i>Branchinecta ferox</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
<i>Branchinecta orientalis</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
Branchipus										
<i>Branchipus schaefferi</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
Chirocephalus										
<i>Chirocephalus carnuntanus</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
<i>Chirocephalus shadini</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
Eubbranchipus										
<i>Eubbranchipus</i> (<i>Siphonophanes</i>) <i>grubii</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
Streptocephalus										
<i>Streptocephalus torvicornis</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
Tanymastix										
<i>Tanymastix stagnalis</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								

Longitudinal distribution Notostraca

	EUC	HYC	ER	MR	HR	EP	MP	HP	LIT	PRO
Lepidurus										
<i>Lepidurus apus</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
Triops										
<i>Triops cancriformis</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								

Longitudinal distribution "Conchostraca"

	EUC	HYC	ER	MR	HR	EP	MP	HP	LIT	PRO
Cyzicus										
<i>Cyzicus tetracerus</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
Eoleptestheria										
<i>Eoleptestheria ticinensis</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
Imnadia										
<i>Imnadia yeyetta</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
Leptestheria										
<i>Leptestheria dahalacensis</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
Limnadia										
<i>Limnadia lenticularis</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								
Lynceus										
<i>Lynceus brachyurus</i>	-	-	-	-	-	-	-	-	10	-
		astatic ponds								

Functional feeding guilds Anostraca										
	SHR	GRA	AFIL	PFIL	DET	MIN	XYL	PRE	PAR	OTH
Branchinecta										
<i>Branchinecta ferox</i>	-	-	10	-	-	-	-	-	-	-
<i>Branchinecta orientalis</i>	-	-	10	-	-	-	-	-	-	-
Branchipus										
<i>Branchipus schaefferi</i>	-	-	10	-	-	-	-	-	-	-
Chirocephalus										
<i>Chirocephalus carnuntanus</i>	-	-	10	-	-	-	-	-	-	-
<i>Chirocephalus shadini</i>	-	-	10	-	-	-	-	-	-	-
Eubbranchipus										
<i>Eubbranchipus</i> (<i>Siphonophanes</i>) <i>grubii</i>	-	-	10	-	-	-	-	-	-	-
Streptocephalus										
<i>Streptocephalus torvicornis</i>	-	-	10	-	-	-	-	-	-	-
Tanymastix										
<i>Tanymastix stagnalis</i>	-	-	10	-	-	-	-	-	-	-

Functional feeding guilds Notostraca										
	SHR	GRA	AFIL	PFIL	DET	MIN	XYL	PRE	PAR	OTH
Lepidurus										
<i>Lepidurus apus</i>	-	-	++	-	++	-	-	++	-	-
Triops										
<i>Triops cancriformis</i>	-	-	++	-	++	-	-	++	-	++

Functional feeding guilds "Conchostraca"

	SHR	GRA	AFIL	PFIL	DET	MIN	XYL	PRE	PAR	OTH
Cyzicus										
<i>Cyzicus tetracerus</i>	-	-	10	-	-	-	-	-	-	-
Eoleptestheria										
<i>Eoleptestheria ticinensis</i>	-	-	10	-	-	-	-	-	-	-
Imnadia										
<i>Imnadia yeyetta</i>	-	-	10	-	-	-	-	-	-	-
Leptestheria										
<i>Leptestheria dahalacensis</i>	-	-	10	-	-	-	-	-	-	-
Limnadia										
<i>Limnadia lenticularis</i>	-	-	10	-	-	-	-	-	-	-
Lynceus										
<i>Lynceus brachyurus</i>	-	-	10	-	-	-	-	-	-	-