

FAUNA AQUATICA AUSTRIACA

HETEROPTERA (Water Bugs)

Herbert Zettel & Wolfgang Rabitsch

Dr. Herbert Zettel
Naturhistorisches Museum Wien
2. Zoologische Abteilung
Burgring 7
A-1010 Wien
herbert.zettel@nhm-wien.ac.at

Dr. Wolfgang Rabitsch
Lorystraße 79/3/45
A-1110 Wien
wolfgang.rabitsch@univie.ac.at



Quotation note

Zettel, H. & W. Rabitsch (2017): Heteroptera. In Moog, O. & A. Hartmann (Eds.): Fauna Aquatica Austriaca, 3. Edition 2017. BMLFUW, Wien.



Systematic and nomenclature according to:

Aukema, B. & C. Rieger (1995, Eds): Catalogue of the Heteroptera of the Palaearctic region. Vol. 1, Netherlands Entomological Society, Amsterdam, pp. 1-222.

Aukema, B., Rieger, C. & W. Rabitsch (2013): Catalogue of the Heteroptera of the Palaearctic region. Vol. 6, Netherlands Entomological Society, Amsterdam, pp. 1-629.

Rabitsch, W. (2005): Heteroptera (Insecta). In: Schuster, R. (Hrsg.) Checklisten der Fauna Österreichs, No. 2, Österreichische Akademie der Wissenschaften, Wien, pp. 1-64.

Species inventory

Family Nepidae

Genus Nepa LINNAEUS, 1758

Nepa cinerea LINNAEUS, 1758

Genus Ranatra FABRICIUS, 1790

Ranatra linearis (LINNAEUS, 1758)

Family Aphelocheiridae

Genus Aphelocheirus WESTWOOD, 1833

Aphelocheirus aestivalis (FABRICIUS, 1803)

Family Naucoridae

Genus Ilyocoris STÅL, 1861

Ilyocoris cimicoides cimicoides (LINNAEUS, 1758)

Family Pleidae

Genus Plea LEACH, 1817

Plea minutissima minutissima LEACH, 1817

Family Notonectidae

Genus Notonecta LINNAEUS, 1758

Notonecta glauca glauca LINNAEUS, 1758

Notonecta lutea MÜLLER, 1776

Notonecta maculata FABRICIUS, 1794

Notonecta meridionalis POISSON, 1926

Notonecta obliqua THUNBERG, 1787

Notonecta reuteri reuteri HUNGERFORD, 1928

Notonecta viridis DELCOURT, 1909

Family Corixidae

Genus Arctocorisa WALLENGREN, 1894

Arctocorisa carinata carinata (SAHLBERG, 1819)

Arctocorisa germari (FIEBER, 1848)

Genus Callicorixa WHITE, 1873

Callicorixa praeusta praeusta (FIEBER, 1848)

Genus Corixa GEOFFROY, 1762

Corixa affinis (LEACH, 1817)

Corixa dentipes (THOMSON, 1869)

Corixa panzeri FIEBER, 1848

Corixa punctata (ILLIGER, 1807)

Genus Cymatia FLOR, 1860

Cymatia bonsdorffii (C.R. SAHLBERG, 1819)

Cymatia coleoptrata (FABRICIUS, 1794)

Cymatia rogenhoferi (FIEBER, 1864)

Genus Hesperocorixa KIRKALDY, 1908

Hesperocorixa linnaei (FIEBER, 1848)

Hesperocorixa moesta (FIEBER, 1848)

Hesperocorixa sahlbergi (FIEBER, 1848)

Genus Micronecta KIRKALDY, 1897

Micronecta griseola (HORVÁTH, 1899)

Micronecta poweri poweri (DOUGLAS & SCOTT, 1869)

Micronecta scholtzi (FIEBER, 1860)

Genus Paracorixa POISSON, 1957

Paracorixa concinna concinna (FIEBER, 1848)

Genus Sigara FABRICIUS, 1775

Sigara distincta (FIEBER, 1848)

Sigara falleni (FIEBER, 1848)

Sigara fossarum (LEACH, 1817)

Sigara hellensii (SAHLBERG, 1819)

Sigara lateralis (LEACH, 1817)

Sigara limitata limitata (FIEBER, 1848)

Sigara longipalis (SAHLBERG, 1878)

Sigara nigrolineata nigrolineata (FIEBER, 1848)

Sigara semistriata (FIEBER, 1848)

Sigara striata (LINNAEUS, 1758)

Family Hebridae

Genus Hebrus CURTIS, 1833

Hebrus pusillus pusillus (FALLÉN, 1807)

Hebrus ruficeps THOMSON, 1871

Family Mesoveliidae

Genus Mesovelia MULSANT & REY, 1852

Mesovelia furcata MULSANT & REY, 1852

Family Hydrometridae

Genus Hydrometra LATREILLE, 1796

Hydrometra gracilenta HORVÁTH, 1899

Hydrometra stagnorum (LINNAEUS, 1758)

Family Veliidae

Genus Microvelia WESTWOOD, 1834

Microvelia buenoi DRAKE, 1920

Microvelia pygmaea (DUFOUR, 1833)

Microvelia reticulata (BURMEISTER, 1835)

Genus Velia LATREILLE, 1804

Velia caprai caprai TAMANINI, 1947

Velia currens (FABRICIUS, 1794)

Velia saulii TAMANINI, 1947

Family Gerridae

Genus *Aquarius* SCHELLENBERG, 1800

Aquarius najas (DE GEER, 1773)

Aquarius paludum paludum (FABRICIUS, 1794)

Genus *Gerris* FABRICIUS, 1794

Gerris argentatus SCHUMMEL, 1832

Gerris asper (FIEBER, 1860)

Gerris costae costae (HERRICH-SCHÄFFER, 1850)

Gerris gibbifer SCHUMMEL, 1832

Gerris lacustris (LINNAEUS, 1758)

Gerris lateralis SCHUMMEL, 1832

Gerris odontogaster (ZETTERSTEDT, 1828)

Gerris thoracicus SCHUMMEL, 1832

Genus *Limnporus* STÅL, 1868

Limnporus rufoscutellatus (LATREILLE, 1807)

	Saprobic valencies						
	x	o	ß	a	p	W	SI
Aphelocheirus							
<i>Aphelocheirus aestivalis</i>	-	3	6	1	-	3	1,8
Aquarius							
<i>Aquarius najas</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Aquarius paludum paludum</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Arctocorisa							
<i>Arctocorisa carinata carinata</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Arctocorisa germari</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Callicorixa							
<i>Callicorixa praeusta praeusta</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Corixa							
<i>Corixa affinis</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Corixa dentipes</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Corixa panzeri</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Corixa punctata</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Cymatia							
<i>Cymatia bonsdorffii</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Cymatia coleoprata</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Cymatia rogenhoferi</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Gerris							
<i>Gerris argentatus</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Gerris asper</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Gerris costae costae</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Gerris gibbifer</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Gerris lacustris</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Gerris lateralis</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Gerris odontogaster</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Gerris thoracicus</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						

	x	o	ß	a	p	W	SI
Hebrus							
<i>Hebrus pusillus pusillus</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Hebrus ruficeps</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Hesperocorixa							
<i>Hesperocorixa linnaei</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Hesperocorixa moesta</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Hesperocorixa sahlbergi</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Hydrometra							
<i>Hydrometra gracilentia</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Hydrometra stagnorum</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Ilyocoris							
<i>Ilyocoris cimicoides cimicoides</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Limnopus							
<i>Limnopus rufoscutellatus</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Mesovelis							
<i>Mesovelis furcata</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Micronecta							
<i>Micronecta griseola</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Micronecta poweri poweri</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Micronecta scholtzi</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Microvelia							
<i>Microvelia buenoi</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Microvelia pygmaea</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Microvelia reticulata</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Nepa							
<i>Nepa cinerea</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Notonecta							
<i>Notonecta glauca glauca</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Notonecta lutea</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Notonecta maculata</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Notonecta meridionalis</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						

	x	o	ß	a	p	W	SI
<i>Notonecta obliqua</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Notonecta reuteri reuteri</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Notonecta viridis</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Paracorixa							
<i>Paracorixa concinna concinna</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Plea							
<i>Plea minutissima minutissima</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Ranatra							
<i>Ranatra linearis</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Sigara							
<i>Sigara distincta</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Sigara falleni</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Sigara fossarum</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Sigara hellensii</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Sigara lateralis</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Sigara limitata limitata</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Sigara longipalis</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Sigara nigrolineata nigrolineata</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Sigara semistriata</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Sigara striata</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
Velia							
<i>Velia caprai caprai</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Velia currens</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						
<i>Velia saulii</i>	-	-	-	-	-	-	-
	no saprobic classification because the species is an air breather						

	Longitudinal distribution									
	EUC	HYC	ER	MR	HR	EP	MP	HP	LIT	PRO
Aphelocheirus										
<i>Aphelocheirus aestivalis</i>	-	-	-	+	2	8	-	-	-	-
Aquarius										
<i>Aquarius najas</i>	-	+	+	+	+	+	-	-	+	-
<i>Aquarius paludum paludum</i>	-	-	-	-	+	+	+	-	+	-
Arctocorisa										
<i>Arctocorisa carinata carinata</i>	-	-	-	-	-	-	-	-	10	-
<i>Arctocorisa germari</i>	-	-	-	-	-	-	-	-	-	-
Callicorixa										
<i>Callicorixa praeusta praeusta</i>	-	-	-	-	-	-	1	1	8	-
Corixa										
<i>Corixa affinis</i>	-	-	-	-	-	-	-	1	9	-
<i>Corixa dentipes</i>	-	-	-	-	-	+	+	-	10	-
<i>Corixa panzeri</i>	-	-	-	-	-	-	+	1	9	-
<i>Corixa punctata</i>	-	-	-	-	-	-	+	+	10	-
Cymatia										
<i>Cymatia bondsdorffii</i>	-	-	-	-	-	-	-	-	-	-
<i>Cymatia coleoptrata</i>	-	-	-	-	-	-	+	-	10	-
<i>Cymatia rogenhoferi</i>	-	-	-	-	-	-	-	-	10	-
Gerris										
<i>Gerris argentatus</i>	-	-	-	-	+	+	+	-	10	-
<i>Gerris asper</i>	-	-	-	-	-	-	-	-	10	-
<i>Gerris costae costae</i>	-	-	-	-	-	-	-	-	10	-
<i>Gerris gibbifer</i>	-	-	-	-	-	+	+	+	+	-
<i>Gerris lacustris</i>	-	-	-	(+)	+	+	+	(+)	++	-
<i>Gerris lateralis</i>	-	-	-	-	-	-	-	-	10	-
<i>Gerris odontogaster</i>	-	-	-	-	-	-	-	+	10	-
<i>Gerris thoracicus</i>	(+)	+	+	+	+	+	+	++	+	-
Hebrus										
<i>Hebrus pusillus pusillus</i>	-	-	-	-	-	-	-	-	10	-
		attatched to the surface film, semi-terrestrial								
<i>Hebrus ruficeps</i>	-	-	-	-	-	-	-	-	10	-
		attatched to the surface film, tyrphobiotic								
Hesperocorixa										
<i>Hesperocorixa linnaei</i>	-	-	-	-	-	+	+	+	10	-
<i>Hesperocorixa moesta</i>	-	-	-	-	-	-	-	-	10	-
<i>Hesperocorixa sahlbergi</i>	-	-	-	-	-	+	+	+	10	-
Hydrometra										
<i>Hydrometra gracilentia</i>	-	-	-	+	+	+	+	+	10	-
		semi-terrestrial								
<i>Hydrometra stagnorum</i>	-	-	-	+	+	+	+	+	10	-
		semi-terrestrial								
Ilyocoris										
<i>Ilyocoris cimicoides</i>	-	-	-	-	-	-	2	+	8	-
<i>cimicoides</i>										
Limnoporos										
<i>Limnoporos rufoscutellatus</i>	-	-	-	-	-	-	++	-	-	-

	EUC	HYC	ER	MR	HR	EP	MP	HP	LIT	PRO
Mesovelia										
<i>Mesovelia furcata</i>	-	-	-	-	-	-	1	-	9	-
Micronecta										
<i>Micronecta griseola</i>	-	-	-	-	+	+	-	-	10	-
<i>Micronecta poweri poweri</i>	-	-	-	-	+	+	-	-	10	-
<i>Micronecta scholtzi</i>	-	-	-	-	-	-	+	-	10	-
Microvelia										
<i>Microvelia buenoi</i>	-	-	-	-	-	-	-	-	10	-
<i>Microvelia pygmaea</i>	-	-	-	-	-	-	1	-	9	-
<i>Microvelia reticulata</i>	-	-	-	-	-	-	-	+	10	-
Nepa										
<i>Nepa cinerea</i>	+	+	+	+	+	+	+	+	10	-
Notonecta										
<i>Notonecta glauca glauca</i>	-	-	-	-	-	-	+	+	10	-
<i>Notonecta lutea</i>	-	-	-	-	-	-	-	+	10	-
<i>Notonecta maculata</i>	-	-	-	-	-	-	-	-	10	-
<i>Notonecta meridionalis</i>	-	-	-	-	-	-	-	-	10	-
<i>Notonecta obliqua</i>	-	-	-	-	-	-	-	-	10	-
<i>Notonecta reuteri reuteri</i>	-	-	-	-	-	-	-	-	10	-
		tyrphophilous								
<i>Notonecta viridis</i>	-	-	-	-	-	+	+	1	9	-
Paracorixa										
<i>Paracorixa concinna concinna</i>	-	-	-	-	-	-	-	+	10	-
Plea										
<i>Plea minutissima minutissima</i>	-	-	-	-	-	-	-	-	10	-
Ranatra										
<i>Ranatra linearis</i>	-	-	-	-	-	-	-	-	10	-
Sigara										
<i>Sigara distincta</i>	-	-	-	+	+	+	+	+	10	-
<i>Sigara falleni</i>	-	-	-	-	-	-	1	+	9	-
<i>Sigara fossarum</i>	-	-	-	+	+	+	+	+	10	-
<i>Sigara hellensii</i>	+	-	-	-	-	-	-	-	10	-
<i>Sigara lateralis</i>	-	-	-	-	-	-	-	-	10	-
<i>Sigara limitata limitata</i>	-	-	-	+	+	+	+	-	10	-
<i>Sigara longipalis</i>	-	-	-	-	-	-	-	-	10	-
<i>Sigara nigrolineata nigrolineata</i>	-	-	-	+	+	+	+	-	10	-
<i>Sigara semistriata</i>	-	-	-	-	-	-	+	-	10	-
<i>Sigara striata</i>	-	-	-	+	+	+	+	1	9	-
Velia										
<i>Velia caprai caprai</i>	+	+	+	+	+	-	-	-	-	-
<i>Velia currens</i>	-	-	-	-	-	-	-	-	-	-
<i>Velia saulii</i>	+	+	+	+	+	-	-	-	-	-

	Functional feeding guilds									
	SHR	GRA	AFIL	PFIL	DET	MIN	XYL	PRE	PAR	OTH
Aphelocheirus										
<i>Aphelocheirus aestivalis</i>	-	-	-	-	-	-	-	10	-	-
Aquarius										
<i>Aquarius najas</i>	-	-	-	-	-	-	-	10	-	-
<i>Aquarius paludum paludum</i>	-	-	-	-	-	-	-	10	-	-
Arctocorisa										
<i>Arctocorisa carinata carinata</i>	-	-	-	-	-	-	-	10	-	-
<i>Arctocorisa germari</i>	-	-	-	-	-	-	-	10	-	-
Callicorixa										
<i>Callicorixa praeusta praeusta</i>	-	-	-	-	4	3	-	3	-	-
Corixa										
<i>Corixa affinis</i>	-	-	-	-	4	3	-	3	-	-
<i>Corixa dentipes</i>	-	-	-	-	4	3	-	3	-	-
<i>Corixa panzeri</i>	-	-	-	-	4	3	-	3	-	-
<i>Corixa punctata</i>	-	-	-	-	4	3	-	3	-	-
Cymatia										
<i>Cymatia bonsdorffii</i>	-	-	-	-	-	-	-	10	-	-
<i>Cymatia coleoptrata</i>	-	-	-	-	+	-	-	10	-	-
<i>Cymatia rogenhoferi</i>	-	-	-	-	+	-	-	10	-	-
Gerris										
<i>Gerris argentatus</i>	-	-	-	-	-	-	-	10	-	-
<i>Gerris asper</i>	-	-	-	-	-	-	-	10	-	-
<i>Gerris costae costae</i>	-	-	-	-	-	-	-	10	-	-
<i>Gerris gibbifer</i>	-	-	-	-	-	-	-	10	-	-
<i>Gerris lacustris</i>	-	-	-	-	-	-	-	10	-	-
<i>Gerris lateralis</i>	-	-	-	-	-	-	-	10	-	-
<i>Gerris odontogaster</i>	-	-	-	-	-	-	-	10	-	-
<i>Gerris thoracicus</i>	-	-	-	-	-	-	-	10	-	-
Hebrus										
<i>Hebrus pusillus pusillus</i>	-	-	-	-	-	-	-	10	-	-
<i>Hebrus ruficeps</i>	-	-	-	-	-	-	-	10	-	-
Hesperocorixa										
<i>Hesperocorixa linnaei</i>	-	-	-	-	4	3	-	3	-	-
<i>Hesperocorixa moesta</i>	-	-	-	-	4	3	-	3	-	-
<i>Hesperocorixa sahlbergi</i>	-	-	-	-	4	3	-	3	-	-
Hydrometra										
<i>Hydrometra gracilentia</i>	-	-	-	-	-	-	-	10	-	-
		also carrion feeder								
<i>Hydrometra stagnorum</i>	-	-	-	-	-	-	-	10	-	-
		also carrion feeder								
Ilyocoris										
<i>Ilyocoris cimicoides</i>	-	-	-	-	-	-	-	10	-	-
<i>cimicoides</i>										
Limnopor										
<i>Limnopor</i> <i>rufoscutellatus</i>	-	-	-	-	-	-	-	10	-	-

	SHR	GRA	AFIL	PFIL	DET	MIN	XYL	PRE	PAR	OTH
Mesovelia										
<i>Mesovelia furcata</i>	-	-	-	-	-	-	-	10	-	-
										also carrion feeder
Micronecta										
<i>Micronecta griseola</i>	-	-	-	-	4	3	-	3	-	-
<i>Micronecta poweri poweri</i>	-	-	-	-	4	3	-	3	-	-
<i>Micronecta scholtzi</i>	-	-	-	-	4	3	-	3	-	-
Microvelia										
<i>Microvelia buenoi</i>	-	-	-	-	-	-	-	10	-	-
										also carrion feeder
<i>Microvelia pygmaea</i>	-	-	-	-	-	-	-	10	-	-
										also carrion feeder
<i>Microvelia reticulata</i>	-	-	-	-	-	-	-	10	-	-
										also carrion feeder
Nepa										
<i>Nepa cinerea</i>	-	-	-	-	-	-	-	10	-	-
Notonecta										
<i>Notonecta glauca glauca</i>	-	-	-	-	-	-	-	10	-	-
<i>Notonecta lutea</i>	-	-	-	-	-	-	-	10	-	-
<i>Notonecta maculata</i>	-	-	-	-	-	-	-	10	-	-
<i>Notonecta meridionalis</i>	-	-	-	-	-	-	-	10	-	-
<i>Notonecta obliqua</i>	-	-	-	-	-	-	-	10	-	-
<i>Notonecta reuteri reuteri</i>	-	-	-	-	-	-	-	10	-	-
<i>Notonecta viridis</i>	-	-	-	-	-	-	-	10	-	-
Paracorixa										
<i>Paracorixa concinna concinna</i>	-	-	-	-	4	3	-	3	-	-
Plea										
<i>Plea minutissima minutissima</i>	-	-	-	-	-	-	-	10	-	-
										planktonorganisms
Ranatra										
<i>Ranatra linearis</i>	-	-	-	-	-	-	-	10	-	-
Sigara										
<i>Sigara distincta</i>	-	-	-	-	4	3	-	3	-	-
<i>Sigara falleni</i>	-	-	-	-	4	3	-	3	-	-
<i>Sigara fossarum</i>	-	-	-	-	4	3	-	3	-	-
<i>Sigara hellensii</i>	-	-	-	-	4	3	-	3	-	-
<i>Sigara lateralis</i>	-	-	-	-	4	3	-	3	-	-
<i>Sigara limitata limitata</i>	-	-	-	-	4	3	-	3	-	-
<i>Sigara longipalis</i>	-	-	-	-	4	3	-	3	-	-
<i>Sigara nigrolineata nigrolineata</i>	-	-	-	-	4	3	-	3	-	-
<i>Sigara semistriata</i>	-	-	-	-	4	3	-	3	-	-
<i>Sigara striata</i>	-	-	-	-	4	3	-	3	-	-
Velia										
<i>Velia caprai caprai</i>	-	-	-	-	-	-	-	10	-	-
<i>Velia currens</i>	-	-	-	-	-	-	-	10	-	-
<i>Velia saulii</i>	-	-	-	-	-	-	-	10	-	-