

FAUNA AQUATICA AUSTRIACA

CRUSTACEA (Crustaceans): MYSIDA

Karl Wittmann

Univ. Prof. i. R. Dr. Karl Wittmann
Medizinische Universität Wien
Abteilung für Umwelthygiene
Kinderspitalgasse 15
A-1090 Wien
karl.wittmann@meduniwien.ac.at



Quotation note

Wittmann, K. (2017): Crustacea: Mysida. In Moog, O. & A. Hartmann (Eds.): Fauna Aquatica Austriaca, 3. Edition 2017. BMLFUW, Wien.

Systematic and nomenclature according to:

Meland, K. & E. Willassen, 2007. The disunity of “Mysidacea” (Crustacea). *Molecular Phylogenetics and Evolution*, 44 (3): 1083-1104. DOI:10.1016/j.ympev.2007.02.009

Species inventory

Family Mysidae

Genus Hemimysis G.O. SARS, 1896

Hemimysis anomala G.O. SARS, 1907 introduced, halophilous

Genus Katamysis G.O. SARS, 1893

Katamysis warpachowskyi G.O. SARS, 1893 introduced, oxyphilous

Genus Limnomysis CZERNIAVSKY, 1882

Limnomysis benedeni CZERNIAVSKY, 1882 probably introduced, phytophilous

	Saprobic valencies					W	SI
	x	o	ß	a	p		
Hemimysis							
<i>Hemimysis anomala</i>	-	3	6	1	-	3	1,8
Katamysis							
<i>Katamysis warpachowskyi</i>	-	4	5	1	-	2	1,7
Limnomysis							
<i>Limnomysis benedeni</i>	-	2	6	2	-	3	2,0

Longitudinal distribution										
	EUC	HYC	ER	MR	HR	EP	MP	HP	LIT	PRO
Hemimysis										
<i>Hemimysis anomala</i>	-	-	-	-	-	1	2	4	2	1
Katamysis										
<i>Katamysis warpachowskyi</i>	-	-	-	-	-	1	3	2	3	1
Limnomysis										
<i>Limnomysis benedeni</i>	-	-	-	-	-	1	2	2	5	-

	Functional feeding guilds									
	SHR	GRA	AFIL	PFIL	DET	MIN	XYL	PRE	PAR	OTH
Hemimysis										
<i>Hemimysis anomala</i>	-	-	5	-	-	-	-	5	-	-
Katamysis										
<i>Katamysis warpachowskyi</i>	-	3	5	-	1	-	-	1	-	-
Limnomysis										
<i>Limnomysis benedeni</i>	-	3	4	-	2	-	-	1	-	-