

Table S1. Sampling data, troglophilia (TR) and measurements related to body length (BL), eye length (EL) and length of the Organ of Bellonci (OBL) in Mysida and Stygiomysida.

Species	TR troglophilia	Locality	Latitude (DD)	Longitude (DD)	Habitat	Depth (m)	Salinity (psu)	Stage	BL (mm)	EL (mm)	OBL (µm)
Order MYSIDA											
<i>Antromysis cenotensis</i> Creaser, 1936	troglobiont	Yucatán, Grutas de Tzab-Nah	20.7311	−89.4737	anchihaline cave			F ad.	2.9	0.28	89
								F ad.	3.0	0.18	80
								M ad.	2.8	0.15	62
								M ad.	3.0	0.22	71
								M ad.	3.0	0.18	89
<i>Antromysis cubanica</i> Băcescu et Orghidan, 1971	troglobiont	Cuba, Cueva Juanelo Piedra	22.73	−82.407	anchihaline cave			F ad.	3.5	0.28	95
								F ad.	3.3	0.34	76
								F ad.	4.1	0.40	87
								M ad.	3.0	0.23	82
<i>Antromysis peckorum</i> Bowman, 1977	troglobiont	Jamaica, Jackson's Bay Cave	17.7352	−77.2233	anchihaline cave		brackish	F ad.	2.4	0.16	65
								F ad.	2.7	0.19	76
								F ad.	2.8	0.21	105
								F ad.	2.8	0.17	56
								F ad.	2.9	0.18	62
<i>Heteromysis cotti</i> Calman, 1932	troglobiont	Lanzarote, Jameos del Agua	29.1605	−13.4393	lava tunnel			F ad.	4.9	0.35	80
								F ad.	5.4	0.36	71
								M ad.	5.0	0.40	71
								M ad.	6.1	0.46	89
								M ad.	6.1	0.47	107
<i>Troglomysis vjetrenicensis</i> Stammer, 1933	troglobiont	Bosnia-Herzegovina, Vjetrenica Cave	42.85	17.98	freshwater cave	0–1	<1	F ad.	11.9	0.65	96
								F ad.	13.1	0.70	80
								M ad.	9.9	0.56	82
								M ad.	11.4	0.68	114
								M ad.	12.5	0.62	90
<i>Bermudamysis speluncola</i> Băcescu et Iliffe, 1986	troglophile	Bermuda, Deep Blue Cave, silty sediments and rock walls	32.3484	−64.7115	marine cave	6–15	35	M ad.	3.1	0.28	53

		Bermuda, Grenadier Pool, in water column	32.3526	−64.7191	open pool and cavern	3–6	28	F ad.	2.8	0.28	44
								F ad.	2.9	0.26	44
								F ad.	3.2	0.28	71
								M ad.	2.8	0.29	53
<i>Diamysis camassai</i> Ariani et Wittmann, 2002	troglophile	Gulf of Taranto, Spunnulate dolinas	40.2890	17.8233	anchihaline dolinas	0.2–1.5	8	F ad.	6.3	0.44	95
								F ad.	6.4	0.44	62
								F ad.	6.8	0.50	71
								M ad.	5.7	0.44	71
								M ad.	5.9	0.50	86
<i>Harmelinella mariannae</i> Ledoyer, 1989	troglophile	Cape Verde Islands, Santiago Island, on sandy bottom of cave, night	15.2781	−23.7606	sublittoral marine cave	15	35	M ad.	2.6	0.32	44
<i>Hemimysis maderensis</i> Ledoyer, 1989	troglophile	Coast of Madeira, over sand inside cave, night	32.6409	−16.8310	large intertidal marine cave	6–10	35	F ad.	3.3	0.44	62
								F ad.	4.4	0.49	80
								F ad.	5.3	0.61	62
								M ad.	4.0	0.44	53
								M ad.	5.1	0.39	80
<i>Hemimysis margalefi</i> Alcaraz, Riera et Gili, 1986	troglophile	Gulf of Naples, Grotta del Mago, in water column inside cave	40.7117	13.9641	intertidal marine cave	1–1.5	37	F ad.	4.5	0.33	44
								F ad.	4.9	0.33	45
								F ad.	5.1	0.41	62
								M ad.	4.2	0.31	53
								M ad.	4.3	0.33	44
<i>Hemimysis mediterranea</i> Băcesco, 1937	troglophile	Menorca, coast of Pont d'En Gil, stalactite cave, mysids hyperbenthic	40.0103	3.7944	large intertidal marine cave	2–5	35	F ad.	4.8	0.42	44
								M ad.	3.7	0.42	27
								M ad.	4.1	0.39	44
								M ad.	4.9	0.53	53
								M ad.	5.1	0.49	44
<i>Hemimysis speluncola</i> Ledoyer, 1963	troglophile	N-Adriatic, Istria, Banjole Cave	45.0740	13.6105	intertidal marine cave	7	37	F ad.	5.7	0.41	53
								F ad.	6.0	0.53	44
								M ad.	5.2	0.41	89
								M ad.	5.7	0.44	71
								M ad.	5.7	0.48	44
<i>Heteromysis ekamako</i> Wittmann et Chevaldonné, 2016	troglophile	French Polynesia, Ekamako Cave, 10–30 m from cave entrance	−8.9369	−140.0908	marine cave	8–10	euhaline	M ad.	3.5	0.26	63
								M ad.	3.7	0.33	54
								M ad.	3.7	0.36	37
								F ad.	3.9	0.31	37
								F ad.	4.2	0.33	46

<i>Mysidetes hansenii</i> Zimmer, 1914	troglophile	Antarctic, Adélie Land, Damiers Isl.	−66.6535	139.9602	marine ice cave	2	euhaline	F ad.	20.0	1.11	89
								F ad.	20.3	1.11	116
								F ad.	20.9	1.22	80
								F ad.	21.0	1.11	107
								F ad.	23.1	1.33	98
<i>Mysidetes illigi</i> Zimmer, 1914	troglophile	Antarctic, Adélie Land, Claude Bernard Isl.	−66.6607	140.0258	marine ice cave	6	euhaline	F sub.	12.7	0.91	102
								F ad.	14.5	1.11	116
								M ad.	15.3	1.09	89
								M ad.	17.1	1.18	120
								M ad.	18.7	1.27	133
<i>Palaumysis simonae</i> Băcescu et Iliffe, 1986	troglophile	Micronesia, Palau Island, unnamed island near Ngeruktabel Island, Ishura Cave	7.2435	134.3678	marine cave	7.5–2	36	F ad.	1.4	0.12	25
								F ad.	1.6	0.16	27
								F ad.	1.6	0.16	22
								M ad.	1.2	0.15	22
								M ad.	1.3	0.15	27
<i>Platyops sterreri</i> Băcescu et Iliffe, 1986	troglophile	Bermuda, Castle Harbor Sound, on sea floor, night	32.3442	−64.7032	marine sublittoral	10.7	35	F ad.	1.8	0.13	36
		<i>idem</i>	32.3419	−64.6994	<i>idem</i>	13–14	36	M ad.	1.6	0.10	25
		Guadeloupe, Pointe de la Fontaine, Cathedral Cave	16.463	−61.533	marine cave	18	euhaline	M ad.	2.0	0.12	36
<i>Pyroleptomysis peresi</i> (Băcescu, 1966)	troglophile	N-Adriatic Sea, Istria, Banjole Cave	45.0740	13.6105	intertidal marine cave	1	35	F ad.	4.9	0.44	53
								M ad.	3.8	0.39	35
								M ad.	5.3	0.53	62
								M ad.	5.3	0.58	53
								M ad.	5.4	0.50	44
<i>Siriella gracilipes</i> H. Nouvel, 1942	troglophile	N-Adriatic Sea, Istria, Banjole Cave	45.0740	13.6105	intertidal marine cave	1	37	F ad.	10.0	0.72	89
								F ad.	10.1	0.89	71
								F ad.	10.2	0.78	62
								M ad.	8.7	0.67	80
								M ad.	9.7	0.69	71
<i>Anisomysis bifurcata</i> W.M. Tattersall, 1912	trogloxene	Red Sea, Sinai, Naama, reef within sheltered bay	27.9145	34.3520	recesses at reef flat	1	42	F ad.	3.3	0.39	53
								M ad.	3.4	0.28	62
								M ad.	3.4	0.39	53
								M ad.	3.4	0.40	80
								M ad.	3.8	0.36	62

<i>Anisomysis gutzui</i> Băcescu, 1992	trogloxene	Java Sea, Palau Pari	−5.856	106.585		1	35	F ad.	3.0	0.36	36
								M ad.	3.3	0.33	53
<i>Anisomysis ijimai</i> Nakazawa, 1910	trogloxene	Japan, Suruga Bay, Heda	34.972	138.775	marine surface plankton	0	35	F ad.	5.6	0.51	89
								F ad.	6.4	0.53	71
								F ad.	6.5	0.53	80
								F ad.	6.8	0.64	80
								M ad.	5.7	0.64	53
<i>Anisomysis marisrubri</i> Băcescu, 1973	trogloxene	Red Sea, Gulf of Aqaba, Dahab, reef edge	28.50	34.522	fossil reef	0.2–3	42	F ad.	5.2	0.66	53
								F ad.	5.5	0.56	44
								F ad.	6.3	0.58	44
								M ad.	4.6	0.44	44
								M ad.	5.0	0.52	36
<i>Diamysis bahirensis</i> (G.O. Sars, 1877)	trogloxene	Sicily, Lo Stagnone di Marsala, <i>Zostera</i>	37.8738	12.4858	brackish lagoon	0.1–0.3	40	F ad.	4.4	0.31	44
								F ad.	5.0	0.32	44
								F ad.	5.2	0.36	53
								M ad.	3.7	0.37	36
								M ad.	4.6	0.32	36
<i>Diamysis fluviatilis</i> Wittmann et Ariani, 2012	trogloxene	Italy, Po Valley, Sile River, mysids among macrophytes	45.6618	12.2272	freshwater river	0.2–0.5	0.2	F ad.	9.3	0.78	72
		<i>idem</i>						M ad.	9.0	0.81	93
		Italy, Po tributary, Mincio River, upper reservoir, among macrophytes	45.1572	10.7720	<i>idem</i>	0.3–0.5	0.1	F ad.	8.7	0.75	54
		Adriatic Sea, Gulf of Trieste, Timavo, immediately below weir	45.7861	13.5903	<i>idem</i>	1–2.5	2–13	M ad.	5.6	0.70	53
		Adriatic tributary, Lemene River, river bank at Castello di Brussa, <i>Myriophyllum</i>	45.667	12.933	<i>idem</i>	0.5–1	0.2	M ad.	6.6	0.82	92
<i>Diamysis frontieri</i> H. Nouvel, 1965	trogloxene	Red Sea, Gulf of Aqaba, sand and seaweed	29.4000	34.9668	marine sublittoral	17–25	42	F ad.	4.3	0.33	53
								F ad.	4.5	0.36	53
								F ad.	5.3	0.37	44
								M ad.	4.4	0.39	29
								M ad.	4.6	0.33	44
<i>Diamysis hebraica</i> Almeida Prado-Por, 1981	trogloxene	Israel, Nahal Taninim, from filiform green algae	32.5487	34.9136	oligohaline creek	0.1–0.4	4	M ad.	5.0	0.48	48
<i>Diamysis lacustris</i> Băcescu, 1940	trogloxene	Montenegro, Lake Scutari, tributary Morača	42.260	19.143	mouth of small river into lake		<1	F ad.	8.0	0.60	77
								M ad.	5.2	0.53	43

<i>Diamysis lagunaris</i> Ariani et Wittmann, 2000	trogloxene	Tyrrhenian Sea, Lago di Caprolace	41.3617	12.9700	brackish lagoon	0.3–1	41	F ad.	6.2	0.65	68
								F ad.	4.6	0.63	63
								F ad.	6.1	0.78	72
								F ad.	7.2	0.81	88
								M ad.	5.5	0.60	54
<i>Diamysis mesohalobia</i> Ariani et Wittmann, 2000	trogloxene	Adriatic coast, Apulia, Fiume Piccolo	40.8284	17.4785	brackish karst spring	0.5–1	10–14	F ad.	6.3	0.56	62
								F ad.	6.6	0.54	62
								F ad.	6.8	0.48	44
								M ad.	5.6	0.48	53
								M ad.	6.2	0.56	55
<i>Diamysis pengoi</i> (Czerniavsky, 1882)	trogloxene	Black Sea coast, Canalul Dunavăț	44.9355	29.0967	small canal	0.3–3	0.1	M ad.	6.2	0.65	53
<i>Diamysis pusilla</i> (G.O. Sars, 1907)	trogloxene	Caspian Lake, off promontory Kara-Singir	40.713	52.833	brackish lake			F sub.	4.4	0.38	30
								F sub.	5.0	0.51	44
								M ad.	4.8	0.46	45
<i>Gangemysis assimilis</i> (W.M. Tattersall, 1908)	trogloxene	Bangladesh, Khiru River, site Kaoraid	24.3149	90.4954	freshwater river	0–1	<1	F ad.	4.2	0.41	44
								F ad.	4.4	0.47	36
								F ad.	4.4	0.40	36
								F ad.	4.7	0.48	27
								M ad.	3.9	0.40	25
<i>Heteromysis bermudensis</i> G.O. Sars, 1885	trogloxene	Bermuda, Tobacco Bay, from <i>Callyspongia vaginalis</i>	32.3889	–64.6790	marine sublittoral	3	euhaline	F ad.	4.7	0.40	53
		Bermuda, Tobacco Bay, extracted from gravel	32.3889	–64.6790	<i>idem</i>	3	<i>idem</i>	M ad.	4.6	0.41	62
		Bermuda, Walsingham Pond; algae and rock recesses	32.3462	–64.7090	mangrove swamp	2–3	37	M sub.	3.1	0.28	89
<i>Heteromysis dispar</i> Brattegard, 1970	trogloxene	Caribbean, Martinique, Ainse Noir Cave	14.5283	–61.0883	marine sublittoral	4	euhaline	F ad.	5.1	0.50	98
		<i>idem</i>						F ad.	5.2	0.53	89
		Caribbean, Guadeloupe. Amedien Cave	14.5325	–61.0883	<i>idem</i>	6	<i>idem</i>	F ad.	4.8	0.56	62
		<i>idem</i>						F ad.	5.1	0.53	80
		<i>idem</i>						M ad.	4.8	0.42	62
<i>Heteromysis microps</i> (G.O. Sars, 1877)	trogloxene	Adriatic, Gulf of Trieste, Strunjan	45.5286	13.6066	coastal lagoon	0.5–2	37–42	F ad.	7.5	0.498	98
		<i>idem</i>						M ad.	4.3	0.382	71
		Sardinia, Porto Conte, <i>Posidonia</i>	40.5945	8.2158	marine sublittoral		euhaline	F ad.	9.4	0.631	87
		<i>idem</i>						M ad.	6.6	0.449	75

		Malta, White Tower, <i>Posidonia</i>	35.995	14.359	<i>idem</i>	16	37	M ad.	6.1	0.471	116
<i>Heteromysis sabelliphila</i> Wittmann et Wirtz, 2017	trogloxene	Cape Verdes, Sao Nicolau, mysids underneath stones	16.5890	−24.1681	marine sublittoral	4	euhaline	F ad.	7.0	0.57	44
		Cape Verdes, Santiago Island	15.2781	−23.7606	sublittoral cave	15	35	M ad.	3.5	0.33	41
<i>Idiomysis diadema</i> Wittmann, 2016	trogloxene	Red Sea, Dahab, Moray Garden, no host	28.4372	34.4616	marine sublittoral	12	<i>idem</i>	F ad.	2.3	0.28	27
		<i>idem</i>						M ad.	1.4	0.26	71
		<i>idem</i>						M ad.	1.8	0.24	24
		Red Sea, Dahab, Bannerfish Bay, on <i>Diadema setosum</i>	28.496	34.521	<i>idem</i>	1–8	38	F ad.	3.3	0.44	44
								M ad.	2.2	0.31	36
<i>Idiomysis tsumamali</i> Băcescu, 1973	trogloxene	Red Sea, Dahab, on <i>Megalactis</i> <i>hemprichi</i>	28.505	34.522	marine sublittoral	10–12	euhaline	F ad.	3.1	0.53	53
		<i>idem</i>						F ad.	4.1	0.48	53
		Red Sea, Lagoon of Dahab, on <i>Cerianthus</i>	28.475	34.5049	<i>idem</i>	10	mixo- euhaline	F ad.	2.8	0.39	71
								M ad.	3.2	0.49	44
								M ad.	2.6	0.30	53
<i>Indomysis nybini</i> Biju et Panampunnayil, 2010	trogloxene	Arabian Gulf, Bahrain, Tubli Bay, clay	26.1719	50.5886	marine		43–44	M ad.	4.0	0.50	32
		Pakistan, Karachi, Sands Pit, backwater	24.83	66.93	<i>idem</i>	< 10 m	47–45	M ad.	5.4	0.93	68
<i>Ischiomysis peterwirtzi</i> Wittmann, 2013	trogloxene	Cape Verdes, São Vicente, cave Furna da Rosa	16.8683	−25.0772	marine sublittoral cave	16	36	M ad.	4.7	0.47	62
		<i>idem</i>						M ad.	5.8	0.58	71
		<i>idem</i>						M ad.	5.9	0.61	53
		Cape Verdes, São Vicente, microcave with <i>Telmatactis cricoides</i>	16.8427	−25.0827	marine sublittoral	8	36	F ad.	4.8	0.65	71
								M ad.	3.9	0.54	44
<i>Leptomysis buergii</i> Băcescu, 1966	trogloxene	Adriatic Sea, Rovinj, Punta Croce, in rock recesses	45.117	13.6049	marine sublittoral	3	35	F ad.	11.9	0.83	107
								M ad.	8.3	0.59	98
								M ad.	9.0	0.66	89
								M ad.	9.6	0.72	98
								M ad.	10.2	0.76	116
<i>Leptomysis lingvura marioni</i> (Gourret, 1888)	trogloxene	Tyrrhenian Sea, Gulf of Naples, Grotta del Mago, rock recess in cave entrance	40.7117	13.9641	intertidal marine cave	10	37	F ad.	8.2	0.70	62
								F ad.	5.4	0.48	49
								F ad.	5.8	0.42	49
								M ad.	4.7	0.38	62
								M ad.	4.8	0.43	44

<i>Leptomysis truncata</i> (Heller, 1863)	trogloxene	Baleares, Menorca Isl., Cala Santandria, small cave	39.9784	3.8381	marine sublittoral cave	0.5–2	37	F ad.	6.0	0.50	36
								F ad.	6.3	0.51	62
								F ad.	7.9	0.61	53
								M ad.	5.7	0.50	44
								M ad.	6.8	0.57	71
<i>Limnomysis benedeni</i> Czerniavsky, 1882	trogloxene	Black Sea tributary, Danube Delta, Lake Furtuna, mysids indigenous <i>idem</i>	45.2162	29.1401	delta lake	3	0.1	M ad.	9.9	0.81	72
								F ad.	10.7	0.87	82
		France, Rhône tributary, Canal Arles à Fos, mysids non-indigenous	43.6725	4.6185	freshwater canal	0.2–2	0.1	F ad.	7.0	0.70	77
								F ad.	8.1	0.71	48
								M ad.	6.7	0.60	58
<i>Mysidium cubanense</i> Băcescu et Ortiz, 1984	trogloxene	Caribbean, Curaçao, Boca Sint Michiel, Sun Reef, reef slope	12.1392	–68.9981	marine reef	15–30	36	F ad.	3.8	0.45	71
		Caribbean, Curaçao, reef slope	12.1285	–68.9792	<i>idem</i>	4–12	35	M ad.	5.0	0.56	39
		Caribbean, Lesser Antilles, Bonaire, Bachelor's Beach, on sea floor	12.126	–68.2877	marine	3–26	35	M ad.	4.0	0.51	44
<i>Mysidium integrum</i> W.M. Tattersall, 1951	trogloxene	Caribbean, Curaçao, Blue Chamber (The Cove)	12.2988	–69.1544	intertidal marine cave	3	36	F ad.	3.8	0.44	71
								F ad.	4.1	0.46	62
								F ad.	4.3	0.44	71
								M ad.	4.1	0.44	89
								M ad.	4.3	0.50	71
<i>Mysidium triangulare</i> Wittmann in Wittmann & Wirtz, 2019	trogloxene	Curacao, Sun Reef, reef flat and slope, microcaves	12.1392	–68.9981	marine reef	5–30	36	F ad.	4.3	0.46	62
		<i>idem</i>						F ad.	4.5	0.48	71
		<i>idem</i>						M ad.	4.0	0.51	71
		<i>idem</i>						M ad.	5.1	0.49	62
		Caribbean, Curaçao, Blue Chamber (The Cove)	12.2988	–69.1544	intertidal marine cave	3	36	M ad.	3.8	0.44	49
<i>Mysidopsis gibbosa</i> G.O. Sars, 1864	trogloxene	Adriatic Sea, Rovinj, Isl. Figarola, rock recesses, <i>Anemonia viridis</i> <i>idem</i>	45.095	13.620	marine sublittoral	1–2	35	F ad.	3.0	0.293	80
								M ad.	2.7	0.287	91
		Adriatic Sea, Rovinj, Isl. Banjole, rock recesses <i>idem</i>	45.074	13.6105	<i>idem</i>	6	36	F ad.	3.1	0.284	71
								M ad.	2.5	0.213	80
		Tyrrhenian Sea, Gulf of Naples, Isl. Ischia, Punta Vico, <i>Posidonia oceanica</i>	40.7594	13.8908	<i>idem</i>	6–10	37	M ad.	2.7	0.267	71
<i>Neomysis integer</i> (Leach, 1814)	trogloxene	Scotland, Argyll, Loch Creran, near Inver	56.5137	–5.3728	brackish stream	0.1–0.3	0–25	F ad.	13.0	0.70	71
								F ad.	15.3	0.83	80

								F ad.	16.2	0.83	98
								M ad.	11.1	0.87	58
								M ad.	12.5	0.85	62
<i>Paramysis sowinskii</i> Daneliya, 2002	trogloxene	Azov Sea, Miuskii Liman	47.25	38.8	brackish lagoon			F sub.	8.3	0.56	100
								F ad.	11.0	0.79	100
								F ad.	11.5	0.78	71
								M ad.	7.9	0.67	71
<i>Parvimysis bahamensis</i> Brattegard, 1969	trogloxene	Bahamas, Eleuthera, Pelican Cay, sand and coral heads	25.2792	−76.3389	marine sublittoral	7		F ad.	2.6	0.27	20
								M ad.	2.1	0.28	37
<i>Parvimysis brattegardii</i> Wittmann, 2020	trogloxene	Caribbean, Curaçao, Boca Sint Michiel, Sun Reef, reef flat and slope, night	12.1392	−68.9981	marine sublittoral	5–21	36	F ad.	2.8	0.24	15
								M ad.	2.2	0.26	37
								M ad.	2.5	0.26	32
<i>Parvimysis fittkaui</i> Wittmann, 2018	trogloxene	Amazonia, Rio Negro at confluence with Rio Arara	−2.785	−60.602	freshwater river		0	F ad.	3.7	0.25	27
								M ad.	3.3	0.29	20
<i>Parvimysis laminata</i> Wittmann, 2020	trogloxene	Caribbean, SW-Bequia, The Grenadines, Full Moon Cave	12.993	−61.277	sublittoral marine cave	13		F ad.	3.1	0.28	27
								F ad.	3.1	0.24	27
								F ad.	3.2	0.28	36
								F ad.	3.3	0.28	27
								M ad.	2.5	0.28	36
<i>Parvimysis nuda</i> Wittmann, 2020	trogloxene	Bahamas, Eleuthera, Pelican Cay, sand and coral heads	25.2792	−76.3389	marine sublittoral	7		F ad.	2.6	0.26	17
								M ad.	2.5	0.31	25
								M ad.	3.0	0.31	53
<i>Parvimysis ornata</i> Wittmann, 2020	trogloxene	Caribbean coast of Panama, Limon Bay, S of Toro Point, outside reef flat, above sand	9.3594	−79.9472	marine	2–6	26–31	F ad.	2.3	0.24	17
								M ad.	1.8	0.24	25
<i>Parvimysis pisciscibus</i> Henderson et Bamber, 1983	trogloxene	Amazonia, Rio Negro at confluence with Rio Arara	−2.785	−60.602	freshwater river		0	F ad.	2.7	0.35	29
								F ad.	3.1	0.31	32
								M ad.	1.9	0.33	17
								M ad.	2.2	0.30	29
<i>Parvimysis pricei</i> Wittmann, 2020	trogloxene	Caribbean, Grand Cayman Island, North Sound	19.3900	−81.3535	marine	2–3		F ad.	2.2	0.24	22
								F ad.	2.2	0.23	27
<i>Praunus flexuosus</i> (O.F. Müller, 1776)	trogloxene	Scotland, Firth of Lorn, Dunstaffnage Bay	56.450	−5.433	marine littoral	0.1–0.2	28–30	F ad.	19.4	1.18	107

								F ad.	20.7	1.13	78
								F ad.	20.9	1.07	133
								M ad.	15.3	1.23	100
								M ad.	19.5	1.47	121
<i>Praunus neglectus</i> (G.O. Sars, 1869)	trogloxene	Gulf of Biscay, Harbor of Roscoff	48.7239	−3.9751	marine littoral	0.2		F ad.	12.3	1.00	100
		<i>idem</i>						F ad.	17.8	1.16	150
		<i>idem</i>						M ad.	10.5	0.83	133
		Scotland, Firth of Lorne, Ganavan Bay	56.4363	−5.4754	marine (sub)littoral	5–1	32–35	F ad.	18.8	1.30	111
								F ad.	19.8	1.33	124
<i>Pyroleptomysis rubra</i> Wittmann, 1985	trogloxene	Adriatic Sea, Rovinj, Isl. Banjole, rock recesses	45.074	13.6105	marine (sub)littoral	6	36	F ad.	4.9	0.44	53
								F ad.	5.0	0.42	53
								F ad.	5.2	0.47	35
								M ad.	4.4	0.52	45
								M ad.	4.8	0.44	53
<i>Schistomysis spiritus</i> (Norman, 1860)	trogloxene	Scotland, Firth of Lorne, Ganavan Bay	56.436	−5.4754	marine (sub)littoral	0.7	32–35	F ad.	10.9	0.98	111
								F ad.	12.0	0.90	111
								F ad.	12.7	1.05	94
								M ad.	9.3	0.92	100
								M ad.	10.1	0.92	67
<i>Siriella clausii</i> G.O. Sars, 1877	trogloxene	Baleares, Menorca Isl., Cala Santandria, small cave	39.9784	3.8381	(sub)littoral marine cave	0.5–1	37	M ad.	4.9	0.44	27
		<i>idem</i>						M ad.	5.5	0.47	36
		<i>idem</i>						M ad.	6.0	0.50	27
		Adriatic Sea, Isl. Hvar, Marinkovac, U. Zdrilica	43.160	16.419	<i>idem</i>	0.2–1	36	M ad.	7.1	0.56	53
								M ad.	7.7	0.64	53
<i>Siriella crassipes</i> G.O. Sars, 1877	trogloxene	Azores, Faial, Monte da Guia, underneath stones	38.5167	−28.6167	marine sublittoral	12	36	M sub.	7.5	0.57	36
		<i>idem</i>						M ad.	8.2	0.58	53
		Azores, Faial, Monte da Guia, on <i>Aglaophenia tubulifera</i>	38.5167	−28.6167	<i>idem</i>	35	35	F ad.	8.3	0.67	53
		<i>idem</i>						F ad.	8.3	0.67	62
		Azores, Faial, Monte da Guia, in tide pool	38.5167	−28.6167	marine littoral	0.1–0.5		M ad.	10.3	0.72	89
<i>Surinamysis robertsonae</i> Bamber et Henderson, 1990	trogloxene	Amazonia, Solimões section of Amazon River, Arara Lake, stand of <i>Paspalum repens</i>	−3.4445	−61.3449	freshwater lake		<1	F ad.	5.2	0.47	58
								M ad.	4.8	0.44	63
<i>Taphromysis bowmani</i> Băcescu, 1961	trogloxene	Florida, Walkulla Springs	30.236	−84.302	oligohaline spring	12	oligohaline	F ad.	8.7	0.68	80

								F ad.	8.9	0.68	89
								F ad.	9.1	0.71	89
								M ad.	6.3	0.62	80
								M ad.	6.4	0.62	86
<i>Taphromysis lousianae</i> Banner, 1953	trogloxene	Florida, laboratory culture, original stock from Blackwater River	30.634	−87.018	oligohaline riverine reach	0–2	1	F ad.	8.1	0.76	78
								F ad.	9.1	0.71	89
								M ad.	6.7	0.71	98
								M ad.	7.2	0.71	62
								M ad.	8.7	0.62	89
Order STYGIOMYSIDA											
<i>Stygiomysis major</i> Bowman, 1976	troglobiont	Jamaica, Portland Ridge in Parish Clarendon, Jackson's Bay Cave	17.74	−77.215	anchihaline cave	surface	4	F sub.	15.7	0.311	89
<i>Spelaeomysis bottazzii</i> Caroli, 1924	troglobiont	S-Italy, Apulia, Torre Canne, Difesa di Malta	40.806808	17.519239	brackish well	0–0.3	2.3–7.1	F ad.	8.5	0.356	80
								F ad.	8.5	0.317	62
								F ad.	9.3	0.373	86
								F ad.	9.8	0.483	116
								F ad.	9.8	0.356	89
								F ad.	10.6	0.587	98
								F ad.	10.9	0.533	116
								F ad.	11.0	0.411	71
								F ad.	11.3	0.382	98
								M ad.	8.7	0.444	71
								M ad.	8.7	0.334	53
								M ad.	8.8	0.400	76
								M ad.	8.8	0.373	62
								M ad.	8.9	0.356	89
								M ad.	9.1	0.391	80
								M ad.	9.2	0.281	76
								M ad.	9.2	0.418	80
								M ad.	9.2	0.391	71
								M ad.	9.5	0.516	89
								M ad.	10.1	0.418	89
								M ad.	10.8	0.411	80
								M ad.	10.9	0.356	93
								M ad.	11.2	0.471	71