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Tanaidacea (Crustacea: Malacostraca: Peracarida) from soft-sediment shelf habitats off the Mediterranean coast of Israel (Levant Sea) –taxonomy, faunistics and ecological aspects

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Tanaidacea (Crustacea: Malacostraca: Peracarida) from soft-sediment shelf habitats off the Mediterranean coast of Israel (Levant Sea) –taxonomy, faunistics and ecological aspects

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Table S1. Comparison of the Tanaidacea fauna from the Mediterranean coasts of Algeria (Bakalem *et al.*, 2021), Egypt (Larwood, 1940), Iberian Peninsula (Herrero *et al.*, 2021), Israel (this study and associated references), Italy (Riggio., 1995) and Greece (Koulouri *et al.*, 2020); not corrected for bathymetric compatibility. ¹ formerly *A. africanus orientalis*; ² possible synonym of *A. mediterraneus*; ³ uncertain identity; ⁴ includes *L. magna* Smith, 1906; ⁵ possible synonym of *T. laticaudata*; ⁶ may include synonyms *H. crassa* and *H. satella*.

Taxon	Israel	Egypt	Greece	Italy	Algeria	Iberian Peninsula (<100m]
APSEUDOMORPHA						
Apseudidae						
<i>Apseudes africanus</i> Tattersall, 1925			+	+	+	
<i>Apseudes grossimanus</i> Norman & Stebbing, 1886				+	+	
<i>Apseudes holthuisi</i> Băcescu, 1961	+		+	+	+	
<i>Apseudes israeliticus</i> (Băcescu 1961)	+					
<i>Apseudes miserai</i> Băcescu, 1980				+	+	
<i>Apseudes orientalis</i> Băcescu, 1961 ¹	+				+	
<i>Apseudes robustus</i> G. O. Sars, 1882		+	+	+	+	
<i>Apseudes sicilianus</i> Băcescu, 1980				+		
<i>Apseudes spinosus</i> (M. Sars, 1858)				+	+	+
<i>Apseudes talpa</i> (Montagu, 1808)			+	+	+	+
<i>Apseudopsis acutifrons</i> (G.O Sars, 1882)	+		+	+		
<i>Apseudopsis annabensis</i> (Guțu, 2002)					+	
<i>Apseudopsis apocryphus</i> (Guțu, 2002)	+					
<i>Apseudopsis bacescui</i> (Guțu, 2002)						+
<i>Apseudopsis elisae</i> (Băcescu, 1961)	+		+	+	+	
<i>Apseudopsis latreilli</i> (Milne-Edwards, 1828)		+ ²	+ ²	+ ²	+	+
<i>Apseudopsis mediterraneus</i> (Băcescu, 1961)	+		+	+?	+	
<i>Apseudopsis minimus</i> (Guțu, 2002)	+					
<i>Apseudopsis ostroumovi</i> Băcescu & Carausu, 1947	+			+		
<i>Apseudopsis tridens</i> (Guțu, 2002)	+					
<i>Fageapseudes retusifrons</i> (Richardson, 1912)				+		
<i>Obscurapseudes graciloides</i> (Stephensen, 1915)				+		
<i>Paradoxapseudes intermedius</i> (Hansen, 1895)	+	+	+	+	+	
<i>Tuberapseudes echinatus</i> (G.O. Sars, 1882)				+	+	+
<i>Zoidbergus tenuimanus</i> (G.O. Sars, 1882)	+			+	+	
Kalliapseudidae						
<i>Cristapseudes omercooperi</i> (Larwood, 1954)	+					

Continued

Table S1 continued

Taxon	Israel	Egypt	Greece	Italy	Algeria	Iberian Peninsula (<100m]
Metapseudidae						
<i>Synapseudes shiinoi</i> Riggio, 1973				+		+
Parapseudidae						
<i>Parapseudes francispori</i> (Băcescu, 1980)	+					
<i>Parapseudes latifrons</i> (Grube, 1864)		+	+	+		+
Sphyrapodidae						
<i>Pseudosphyrapus anomalus</i> (M. Sars, 1869)					+ ³	
TANAIDOMORPHA						
Agathotanaidae						
<i>Paranarthrura lusitanus</i> Bird & Holdich, 1989	+					
<i>Paranarthrura subtilis</i> Hansen, 1913				+		
Akanthophoreidae						
<i>Parakanthophoreus longiremis</i> (Lilljeborg, 1864)				+ ³	+ ³	
<i>Pseudakanthophoreus nanopsenos</i> (Bamber & Bird, 2009)	+					
Anarthruridae						
<i>Anarthrura simplex</i> G.O. Sars, 1882				+	+	
Colletteidae						
<i>Collettea cylindrata</i> (G.O. Sars, 1882)				+		
<i>Leptognathiopsis attenuata</i> Holdich & Bird, 1986	+					
<i>Nippognathiopsis levantae</i> n. sp.	+					
Leptocheiliidae						
<i>Azobacescus longidactylus</i> (Băcescu)				+		
<i>Chondrochelia savignyi</i> (Krøyer, 1842)	+	+	+	+	+	+
<i>Heterotanais oerstedii</i> (Krøyer, 1842)				+	+	
<i>Leptocheilia tanykeraia</i> Bamber, 2009	+					
<i>Leptocheilia inermis</i> Dollfus, 1898			+			
<i>Leptocheilia mercantilis</i> Smith, 1906				+		
<i>Leptocheilia mergellinae</i> Smith, 1906			+	+		
<i>Leptocheilia</i> sp. sensu Monod (1931)	+					
<i>Pseudoleptocheilia anomala</i> (G.O. Sars, 1882)	+		+	+ ⁴		+
Leptognathiidae						
<i>Leptognathia breviremis</i> (Lilljeborg, 1864)			+			
<i>Leptognathia manca</i> G.O. Sars, 1882				+ ³	+ ³	
Paratanaidae						
<i>Paratanais euelpis</i> Barnard, 1920						+
Pseudotanaidae						
<i>Akanthinotanais gerlachi</i> Sieg, 1977						+
<i>Pseudotanais isabelae</i> García-Herrero, Sánchez, García-Gómez, Pardos & Martínez, 2017						+
<i>Pseudotanais macrocheles</i> G.O. Sars, 1882				+	+	
<i>Pseudotanais mediterraneus</i> G.O. Sars, 1882				+		
<i>Pseudotanais stiletto</i> Bamber, 2009	+					
<i>P. unicus</i> Sieg, 1977				+		+

Continued

Table S1 continued

Taxon	Israel	Egypt	Greece	Italy	Algeria	Iberian Peninsula (<100m]
Tanaellidae						
<i>Araphura brevimanus</i> (Lilljeborg, 1864)				+		+
<i>Araphura hyphalus</i> n.sp.	+					
<i>A. filiformis</i> (Lilljeborg, 1864)				+		
<i>Tanaella unguicillata</i> Norman & Stebbing, 1886				+		
Tanaissuidae						
<i>Tanaissus lilljeborgi</i> Stebbing, 1891						+
<i>Tanaissus microthymus</i> Bird & Bamber, 2009	+					
Tanaopsidae						
<i>Tanaopsis graciloides</i> (Lilljeborg, 1864)				+ ⁵		+ ⁵
<i>Tanaopsis laticaudata</i> (G.O. Sars, 1882)	+					
Typhlotanidae						
<i>Paratyphlotanais lilliputi</i> n. sp.	+					
<i>Typhlotanais angstromensis</i> Błażewicz-Paszkowycz & Bamber, 2009	+					
<i>Typhlotanais scalenus</i> n. sp.	+					
<i>Typhlotanais bisetosus</i> n. sp.	+					
<i>Typhlotanais messinensis</i> G.O. Sars, 1882					+	
Tanaididae						
<i>Hexapleomera bultidactyla</i> Esquete & Fernandez-Gonzalez, 2016						+
<i>Hexapleomera crassa</i> Riggio, 1975 nom. nud.					+	
<i>Hexapleomera robusta</i> (Moore, 1894)	+ ⁶	+ ⁶	+	+		+
<i>Hexapleomera satella</i> Bamber, 2012	+					
<i>Parasinelobus chevreuxi</i> (Dollfus, 1898)						+
<i>Tanais dulongii</i> (Audouin, 1826)	+	+	+	+	+	+
<i>Tanais Grimaldii</i> Dollfus, 1897			+	+		
<i>Zeuxo coralensis</i> Sieg, 1980						+
<i>Zeuxo fresii</i> Sieg, 1980					+	
<i>Zeuxo normani</i> Richardson, 1905					+	+
Incertae sedis						
<i>Pseudoparatanais batei</i> (G.O. Sars, 1882)			+	+	+	+
Total	28	6	19	46	26	22
% Israeli species in the region		18	32	39	25	32
% region species in the Israeli fauna		67	47	24	27	41