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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. <sup>1</sup> formerly *A. africanus orientalis*; <sup>2</sup> possible synonym of *A. mediterraneus*; <sup>3</sup> uncertain identity; <sup>4</sup> includes *L. magna* Smith, 1906; <sup>5</sup> possible synonym of *T. laticaudata*; <sup>6</sup> may include synonyms *H. crassa* and *H. satella*.

Taxon	Israel	Egypt	Greece	Italy	Algeria	Iberian Peninsula (<100m]
<b>APSEUDOMORPHA</b>						
<b>Apseudidae</b>						
<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 <sup>1</sup>	+				+	
<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)		+ <sup>2</sup>	+ <sup>2</sup>	+ <sup>2</sup>	+	+
<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)	+			+	+	
<b>Kalliapseudidae</b>						
<i>Cristapseudes omercooperi</i> (Larwood, 1954)	+					

*Continued*

Table S1 continued

Taxon	Israel	Egypt	Greece	Italy	Algeria	Iberian Peninsula (<100m]
<b>Metapseudidae</b>						
<i>Synapseudes shiinoi</i> Riggio, 1973				+		+
<b>Parapseudidae</b>						
<i>Parapseudes francispori</i> (Băcescu, 1980)	+					
<i>Parapseudes latifrons</i> (Grube, 1864)		+	+	+		+
<b>Sphyrapodidae</b>						
<i>Pseudosphyrapus anomalus</i> (M. Sars, 1869)					+ <sup>3</sup>	
<b>TANAIDOMORPHA</b>						
<b>Agathotanaidae</b>						
<i>Paranarthrura lusitanus</i> Bird & Holdich, 1989	+					
<i>Paranarthrura subtilis</i> Hansen, 1913				+		
<b>Akanthophoreidae</b>						
<i>Parakanthophoreus longiremis</i> (Lilljeborg, 1864)				+ <sup>3</sup>	+ <sup>3</sup>	
<i>Pseudakanthophoreus nanopsenos</i> (Bamber & Bird, 2009)	+					
<b>Anarthruridae</b>						
<i>Anarthrura simplex</i> G.O. Sars, 1882				+	+	
<b>Colletteidae</b>						
<i>Collettea cylindrata</i> (G.O. Sars, 1882)				+		
<i>Leptognathiopsis attenuata</i> Holdich & Bird, 1986	+					
<i>Nippognathiopsis levantae</i> n. sp.	+					
<b>Leptocheiliidae</b>						
<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)	+		+	+ <sup>4</sup>		+
<b>Leptognathiidae</b>						
<i>Leptognathia breviremis</i> (Lilljeborg, 1864)			+			
<i>Leptognathia manca</i> G.O. Sars, 1882				+ <sup>3</sup>	+ <sup>3</sup>	
<b>Paratanaidae</b>						
<i>Paratanais euelpis</i> Barnard, 1920						+
<b>Pseudotanaidae</b>						
<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]
<b>Tanaellidae</b>						
<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				+		
<b>Tanaissuidae</b>						
<i>Tanaissus lilljeborgi</i> Stebbing, 1891						+
<i>Tanaissus microthymus</i> Bird & Bamber, 2009	+					
<b>Tanaopsidae</b>						
<i>Tanaopsis graciloides</i> (Lilljeborg, 1864)				+ <sup>5</sup>		+ <sup>5</sup>
<i>Tanaopsis laticaudata</i> (G.O. Sars, 1882)	+					
<b>Typhlotanidae</b>						
<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					+	
<b>Tanaididae</b>						
<i>Hexapleomera bultidactyla</i> Esquete & Fernandez-Gonzalez, 2016						+
<i>Hexapleomera crassa</i> Riggio, 1975 nom. nud.				+		
<i>Hexapleomera robusta</i> (Moore, 1894)	+ <sup>6</sup>	+ <sup>6</sup>	+	+		+
<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				+		+
<b>Incertae sedis</b>						
<i>Pseudoparatanais batei</i> (G.O. Sars, 1882)			+	+	+	+
<b>Total</b>	28	6	19	46	26	22
<b>% Israeli species in the region</b>		18	32	39	25	32
<b>% region species in the Israeli fauna</b>		67	47	24	27	41