

<i>elegans</i> Norman, 1879			
<i>Hemilamprops</i>			
<i>assimilis</i> Sars, 1883	A		
<i>cristatus</i> (Sars, 1870)	A		
<i>normani</i> Bonnier, 1896			
<i>pellucidus</i> Zimmer, 1908			
<i>roseus</i> (Norman, 1863)			
<i>uniplicatus</i> (Sars, 1872)	A		
<i>Lamprops</i>	A		
<i>fasciatus</i> Sars, 1863	A		
<i>fuscatus</i> Sars, 1865	A		
<i>profundus</i> Reyss, 1978			
<i>Mesolamprops</i>	M		
<i>denticulatus</i> Ledoyer, 1983			
<i>Paralamprops</i>			
<i>orbicularis</i> (Calman, 1905)	A		
<i>Platysympus</i>			
<i>tricarinatus</i> Hansen, 1920			
<i>typicus</i> (Sars, 1870)	A M		
<b>Family Leuconidae</b>			
<i>Eudorella</i>			
<i>arctica</i> Hansen, 1920	A		
<i>emarginata</i> (Krøyer, 1846)	A		
<i>gottliebi</i> Bacescu, 1961	M		
<i>gracilis</i> Sars, 1871			
<i>groenlandica</i> Zimmer, 1926	A		
<i>hirsuta</i> (Sars, 1869)			
<i>hispida</i> Sars, 1871	A		
<i>intermedia</i> Hansen, 1920	A		
<i>nana</i> Sars, 1879	M		
<i>parvula</i> Hansen, 1920	A		
<i>pusilla</i> Sars, 1871	A		
<i>spitzbergensis</i> Zimmer, 1926	A		
<i>truncatula</i> (Bate, 1856)	A M		
<i>Eudorellopsis</i>			
<i>deformis</i> (Krøyer, 1846)	A		
<i>Leucon</i>			
<i>pallidus</i> Sars, 1865	A		
<i>macrorhinus</i> Fage, 1951	M		
<i>norrevangi</i> Watling & Gerken, 1999			
<i>tener</i> Hansen, 1920	A		
<i>longirostris</i> Sars, 1871	A M		
<i>tenuirostris</i> Sars, 1887	A		
<i>acutirostris</i> Sars, 1865	A		
<i>affinis</i> Fage, 1951	M		
<i>sulvus</i> Sars, 1865	A		
<i>mediterraneus</i> Sars, 1878	M		
<i>nasica</i> (Krøyer, 1841)	A		
<i>nasicoides</i> (Krøyer, 1841)	A		
<i>nathorsii</i> Ohlin, 1901	A		
<i>robustus</i> Hansen, 1920	A		
<i>serratus</i> Norman, 1879	A		
<i>siphonatus</i> Calman, 1905	A M		
<i>spinulosus</i> Hansen, 1920	A		
<b>Family Nannastacidae</b>			
<i>Campylaspis</i>			
<i>affinis</i> Sars, 1870			
<i>africana</i> Bacescu & Muradian, 1972	A		
<i>alba</i> Hansen, 1920			
<i>bonetti</i> Bacescu & Muradian, 1972			
<i>caperata</i> Jones, 1974	A		
<i>costata</i> (Sars, 1865)	A		
<i>glabra</i> Sars, 1878	A M		
<i>globosa</i> Hansen, 1920	A		
<i>horrida</i> Sars, 1870	A		
<i>horridoidea</i> Stephensen, 1915	M		
<i>intermedia</i> Hansen, 1920	A		
<i>jonesi</i> Bacescu & Muradian, 1972			
<i>laticarpa</i> Hansen, 1920			
<i>legendrei</i> Fage, 1951	M		
<i>macrophthalma</i> Sars, 1878	M		
<i>mauritanica</i> Bacescu & Muradian, 1972			
<i>nitens</i> Bonnier, 1896			
<i>rostrata</i> Calman, 1905	M		
<i>rubicunda</i> (Liljeborg, 1855)	A		
<i>serratipes</i> Hansen, 1920		A	
<i>squamifera</i> Fage, 1929		A M	
<i>sulcata</i> Sars, 1870		M	
<i>undata</i> Sars, 1864			
<i>verrucosa</i> Sars, 1866		M	
<i>vitrea</i> Calman, 1906		A M	
<i>Cumella</i>			
<i>africana</i> Bacescu, 1972			
<i>angustata</i> Jones, 1984		A	
<i>carinata</i> (Hansen, 1887)		A	
<i>decipiens</i> Jones, 1984		A	
<i>limicola</i> Sars, 1879		M	
<i>pygmaea</i> Sars, 1865		M	
<i>tarda</i> Hansen, 1920			
<i>Cumellopsis</i>			
<i>helgae</i> Calman, 1905		A	
<i>puritani</i> Calman, 1906		A M	
<i>Nannastacus</i>			
<i>brevicaudatus</i> Calman, 1905		M	
<i>euxinicu</i> Bacescu, 1951		M	
<i>turcicus</i> Bacescu, 1982		M	
<i>unguiculatus</i> (Bate, 1859)		M	
<i>Procampylaspis</i>			
<i>arguini</i> Bacescu & Muradian, 1972			
<i>armata</i> Bonnier, 1896		A M	
<i>bacescoi</i> Reyss & Soyer, 1966		M	
<i>bituberculata</i> Hansen, 1920			
<i>bonnieri</i> Calman, 1906		M	
<i>lutensis</i> Jones, 1984		A	
<i>macronyx</i> Hansen, 1920			
<i>mediterranea</i> Ledoyer, 1988		M	
<i>thalassae</i> Bacescu & Muradian, 1972		A	
<i>Scherocumella</i>			
<i>longirostris</i> (Sars, 1878)		M	
<i>Schizotrema</i>			
<i>atlanticum</i> Bacescu & Muradian, 1972			
<i>Styloptocuma</i>			
<i>gracillimum</i> (Calman, 1905)		A	
<b>Family Pseudocumatidae</b>			
<i>Fontainella</i>			
<i>mediterranea</i> Bacescu & Muradian, 1978		M	
<i>Petalosarsia</i>			
<i>declivis</i> (Sars, 1865)		A	
<i>Pseudocuma</i>			
<i>ciliatum</i> Sars, 1879		M	
<i>gilsoni</i> Bacescu, 1950			
<i>longicorne</i> (Bate, 1858)		M	
<i>simile</i> Sars, 1900		M	
<i>graciloides</i> Sars, 1894		M	
<i>laeve</i> Sars, 1914		M	
<i>Pterocuma</i>			
<i>pectinatum</i> (Sowinsky, 1893)		M	
<i>rostratum</i> (Sars, 1894)		M	
<i>sowinskyi</i> (Sars, 1894)		M	
<i>Schizorhamphus</i>			
<i>eudorelloides</i> (Sars, 1894)		M	
<i>scabriusculus</i> (Sars, 1868)		M	
<i>Strauchia</i>			
<i>taurica</i> Czerniavsky, 1868		M	

**Tanaidacea**

Compiled by Graham J. Bird

Relatively few comprehensive faunal lists of Tanaidacea exist and the compilation has necessarily drawn on many individual papers on taxonomy or benthic ecology, although Sieg (1983b) has been invaluable. Major published sources for the NE Atlantic included Hansen (1913), Holdich & Jones (1983a), Holdich & Bird (1985), and two series by Bacescu (eg. 1981a, 1982a, 1985) and Bird & Holdich (eg. 1988, 1989a, 1989c). Mediterranean and Black Sea records were more

disparate and the list may be less comprehensive than that for the Atlantic. In this context, an unpublished thesis that included many 'new' species from the Bay of Naples was *not* used (Schiecke 1973).

Geographic coverage conformed to that in Figure 1 with Hansen's species records for West Greenland and some by Monod and others from Mauritania being excluded, even though the chance of their being found in the study area is high. Deep-sea taxa are especially prevalent in the list but recourse to unpublished material available to the compiler was kept to the minimum (Holdich & Bird 1989).

Throughout, the listing of old and obsolete names (many of them basionyms) has been minimised but reference to the comprehensive and excellent bibliography (Sieg 1983b) will enable those interested to follow nomenclatural changes. Linked to this, the reference attached to each record is generally a more familiar, or later, publication than the original except where this is unique or particularly definitive.

The classification of the two suborders, Apseudomorpha and Tanaidomorpha, is problematical and contentious but, for the purpose of the ERMS list, the former are classified following Gutu (1996) and the latter by Sieg (1986b). An alternative classification would place the apseudomorphan genera *Carpoapseudes* Lang, 1968 and *Leviapseudes* Sieg, 1980 in the family Whiteleggidae Gutu, 1972 rather than as a subfamily within the Apseudidae Leach, 1814. Also, within the tanaidomorphan family Anarthruridae Lang, 1971 are subsumed the better known Leptognathiidae Sieg, 1976 and Agathotanaidae Lang, 1971, but not the typhlotanaids which stand as a separate family. It is probable that this complex will receive more attention in the next few years, with many species of *Leptognathia* Sars, 1882 and *Typhlotanais* Sars, 1882 being transferred to new or existing genera.

The compiler is grateful for useful and detailed revisionary comments from Dr. Modest Gutu, of the Muzeul de Istorie Natural "Grigore Antipa", Bucarest.

## References

- Bacescu, M. 1939. Les premiers Tanaidacea recueillis dans les eaux Roumaines de la Mer Noire. *Ann. Sci. Univ. Iassy* 25 (2): 205-208.
- Bacescu, M. 1949. Données sur la faune carcinologique de la Mer Noire le long de la côte Bulgare. *Trav. St. Biol. Marine Varna* 14: 1-24.
- Bacescu, M. 1960. Citeva animale necunoscute inca in Marea Neagra si descriera unor Malacostracei noi (*Elaphognathia monodi* n.sp. si *Pontotanais borceai* n.g. n.sp.) provenind din apele pontice prebosforice. *Studii Cerc. Biol. anim* 12 (2): 107-124.
- Bacescu, M. 1961. Contribution à la connaissance des Tanaidacés de la Méditerranée orientale -- I. Les Apseudidae et Kalliapseudidae des côtes d'Israël. *Bulletin of the Research Council of Israel* 10B: 137-170.
- Bacescu, M. 1977. *Heterotanais longidactylus* n.sp. and *Synapseudes mediterraneus* n.sp., Tanaidacea new for the eastern Mediterranean fauna. *Revue Roumaine de Biologie - Série de Biologie Animale* 22 (1): 119-125.
- Bacescu, M. 1978. *Atlantapseudes nigrichela* n.g., n.sp., Tanaidacea nouveau capturé par le navire "Thalassa" dans les eaux Portugaises. *Cahiers de Biologie Marine* 19: 317-322.
- Bacescu, M. 1980a. *Anuropoda francispori*, genre nouveau et espèce nouvelle de Monokonophora (Crustacea, Tanaidacea) des eaux de la Méditerranée levantine. *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"* 22: 381-384.
- Bacescu, M. 1980b. Contribution à la connaissance des Monokonophora (Crustacea, Tanaidacea) de la Mer Méditerranée; description de deux espèces nouvelles, *Apseudes sicilianus* sp.n et *A. miserai* sp.n. *Revue Roumaine de Biologie - Série de Biologie Animale* 25: 83-91.
- Bacescu, M. 1980c. Contribution to the knowledge of some Kalliapseudidae (Crustacea, Tanaidacea) from the NW of the Indian Ocean. *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"* 22: 359-379.
- Bacescu, M. 1981a. Nouvelle contribution à la connaissance de la faune d'Apseudoidea Leach 1914 (Crustacea) des eaux profondes du N.E. Atlantique. *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"* 23: 33-71.
- Bacescu, M. 1981b. *Carpoapseudes kudinovae* n.sp. in the French waters of the Atlantic. *Revue Roumaine de Biologie - Série de Biologie Animale* 26 (1): 9-14.
- Bacescu, M. 1982a. *Carpoapseudes laubieri* sp.n. et *C. curticarpus* sp.n. de l'Atlantique du N.E. (Bassin W.-Européen) et quelques détails nouveaux sur la valabilité du genre. *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"* 24: 55-68.
- Bacescu, 1982b. Sur la position systématique de *Leviapseudes hansenii* (Lang, 1968) emend. Bacescu. *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"* 24: 69-77.
- Bacescu, M. 1984. Considérations sur deux sous-espèces nouvelles d'*Apeudes* - *A. spinosus albidas* ssp.n. et *A. robustus erythraicus* ssp.n. *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"* 25: 91-98.
- Bacescu, M. 1985. Apseudoidea (Crustacea, Tanaidacea). In *Peuplements profonds du Golfe de Gascogne*, eds. L. Laubier & C. Monniot, IFREMER: 435-440.
- Bacescu, M. & Carausu, A. 1947. *Apseudopsis ostroumovi* n.sp. dans la Mer Noire (morphologie, affinités phylogénétiques, écologie). *Bull. sect. Sc. Ac. Roum.* 29 (6): 366-383.
- Bacescu, M. & Gutu, M. 1971. Contribution à la connaissance du genre *Apseudes* de la Méditerranée. *Fageapsuedes* n.g. et *Tuberapseudes* n.sg. *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"* 11: 59-70.
- Bamber, R.N. 1990. A new species of *Zeuxo* (Crustacea: Tanaidacea) from the French Atlantic coast. *Journal of Natural History* 24: 1587-1596.
- Bird, G.J. & Holdich, D.M. 1984. New deep-sea tanaids (Crustacea, Tanaidacea) from the North-east Atlantic. *Zoologica Scripta* 13 (4): 285-315.
- Bird, G.J. & Holdich, D.M. 1985. A remarkable tubicolous tanaid (Crustacea: Tanaidacea) from the Rockall Trough. *Journal of the Marine Biological Association of the United Kingdom* 65: 563-572.
- Bird, G.J. & Holdich, D.M. 1988. Deep-sea Tanaidacea (Crustacea) of the North-east Atlantic: the tribe Agathotanini. *Journal of Natural History* 22: 1591-1621.
- Bird, G.J. & Holdich, D.M. 1989a. Deep-sea Tanaidacea (Crustacea) of the North-east Atlantic: the genus *Paranarthrura* Hansen. *Journal of Natural History* 23: 137-187.
- Bird, G.J. & Holdich, D.M. 1989b. Recolonisation of artificial sediments in the deep Bay of Biscay by tanaidaceans (Crustacea: Peracarida), with a description of a new species of *Pseudotanais*. *Journal of the Marine Biological Association of the United Kingdom* 69: 307-317.
- Bird, G.J. & Holdich, D.M. 1989c. Deep-sea Tanaidacea (Crustacea) of the North-east Atlantic: the subfamily Pseudotanainae (Pseudotanaidae) and the family Nototanidae. *Zoological Journal of the Linnean Society* 97: 233-298.
- Carpine, C. 1970. Ecologie de l'étage bathyal dans la Méditerranée occidentale. *Mémoires de l'Institut océanographique*, Monaco 2, 146pp.
- Dojiri & Sieg, J. 1997. The Tanaidacea. In *Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and Western Santa Barbara Channel. Volume 11. The Crustacea Part 2 - The Isopoda, Cumacea and Tanaidacea*. Santa Barbara Museum of Natural History: 181-268.

- Dollfus, A. 1897. Note préliminaire sur les Tanaidæ recueillis aux Açores pendant les Campagnes de l'Hirondelle (1877-1888). *Bull. Soc. Zool. Fr.* 22: 207-215.
- Dollfus, A. 1898. Campagnes de la Melita. Tanaidæ recoltés par M. Ed. Chevreux dans l'Atlantique et dans la Méditerranée. *Mém. Soc. Zool. Fr.* 11: 35-47.
- Gardiner, L.F. 1975. The systematics, postmarsupial development and ecology of the deep-sea Family Neotanaidæ (Crustacea: Tanaidacea). *Smithsonian Contributions to Zoology* 170, 265pp.
- Greve, L. 1964. The records of *Leptognathia dentifera* G.O. Sars (Tanaidacea). *Sarsia* 15: 71.
- Gutu, M. 1986. Description of *Apseudes olimpiae* n.sp. and of *Tanabnormia cornicauda* n.g., n.sp. (Crustacea, Tanaidacea). *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"* 28: 37-48.
- Gutu, M. 1989. La description de *Calozodion dollfusi*, espèce nouvelle de tanaïdacs (Crustacea) provenant des eaux européennes de l'Atlantique. *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"* 30: 129-133.
- Gutu, M. 1996. The synoptic table and key to superspecific taxa of recent Apselomorpha (Crustacea, Tanaidacea). *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"* 36: 135-1456.
- Gutu, M. & Illiffe, T.M. 1998. *Sphyrapoides bicornis*, new genus and new species from a submarine escarpment in the Bahamas, and some remarks on Sphyrapinae. *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"* 40: 211-225.
- Hansen, H.J. 1909. Revidered fortægnelse over Danmarks marine Arter af Isopoda, Tanaidacea, Cumacea, Mysidacea of Euphausiacea. *Vidensk. Meddr. Naturh. Foren.* 1: 197-263 [226-233].
- Hansen, H.J. 1913. Crustacea Malacostraca II, IV, the Order Tanaidacea. *Danish Ingolf Expedition* 3 (3): 1-145.
- Holdich, D.M. & Bird, G.J. 1985. A preliminary report on 'dikonophoran' tanaids (Crustacea). In *Peuplements profonds du Golfe de Gascogne*, eds. L. Laubier & C. Monniot, IFREMER: 441-447.
- Holdich, D.M. & Bird, G.J. 1986. Tanaidacea (Crustacea) from sublittoral waters off West Scotland, including the description of two new genera. *Journal of Natural History* 20: 79-100.
- Holdich, D.M. & Bird, G.J. 1989. The systematics, distribution and habitat preferences of sublittoral and bathybenthic Tanaidacea in the North-east Atlantic. Unpublished report to Natural Environment Research Council, GR3/4983 A.
- Holdich, D.M. & Jones, J.A. 1983a. *Tanaids*. Synopsis of the British Fauna 27, Cambridge University Press, 98pp.
- Holdich, D.M. & Jones, J.A. 1983b. The distribution and ecology of British shallow-water tanaid crustaceans (Peracarida, Tanaidacea). *Journal of Natural History* 17: 157-183.
- Johnson, S.B. & Attramadal, Y.G. 1982a. Reproductive behaviour and larval development of *Tanaidæ cavolinii* (Crustacea, Tanaidacea). *Marine Biology* 71: 11-16.
- Johnson, S.B. & Attramadal, Y.G. 1982b. A functional-morphological model of *Tanaidæ cavolinii* Milne-Edwards (Crustacea, Tanaidacea) adapted to a tubicolous life-strategy. *Sarsia* 67 (1): 29-42.
- Jones, J.A. & Holdich, D.M. 1983. A new species of the tanaid genus *Tanaissus* Norman & Scott from British waters. *Crustaceana* 45 (2): 214-219.
- Kudinova-Pasternak, R.K. 1982. Deep-sea Tanaidacea (Crustacea, Malacostraca) from the Mediterranean Sea. *Trudy Instituta okeanologii. Akademija nauk SSSR* 117: 151-162.
- Kudinova-Pasternak, R.K. 1983. The abyssal Tanaidacea (Crustacea) of the Iberian and West-European hollows of the Atlantic Ocean. *Zool. Zhur.* 62 (8): 1170-1176.
- Lang, K. 1968. Deep-sea Tanaidacea. *Galathea Report* 9: 23-209.
- Lang, K. 1973. Taxonomische und phylogenetische Untersuchungen über die Tanaidaceen (Crustacea). 8. *Zoologica Scripta* 2: 197-229.
- Larwood, H.J. 1954. Crustacea Tanaidacea and Isopoda from the Suez Canal. *Annals Mag. Nat. Hist. London*, Series 12, 7: 561-577.
- Monod, T. 1923. Notes Isopodologiques. I. Sur un *Heterotanais*. *Bulletin de la Société Zoologique de France* 48: 506-511.
- Norman, A.M. & Stebbing, T.R.R. 1886. On the Crustacea Isopoda of the 'Lightning', 'Porcupine' and 'Valorous' expeditions. *Transactions of the Zoological Society of London* 12: 77-141.
- Richardson, H. 1911. Les Crustaces Isopodes du Travailleur et du Talisman; formes nouvelles. *Bull. Mus. Natn. Hist. Nat.*, Paris 7: 1-17.
- Riggio, S. 1973. On the presence of the genus *Synapseudes* Miller, 1940 (Crustacea Peracarida Anisopoda), in the Mediterranean, with a preliminary description of *Synapseudes shiinoi* n.sp. *Memorie di Biologia Marina e di Oceanografia* N.S. 3 (1): 11-19.
- Riggio, S. 1976. Dati tassonomici sugli Anisopoda (Crustacea Peracarida) del Porto di Palermo. *Archo Oceanogr. Limnol.* 18, suppl. 3: 501-506.
- Riggio, S. 1977. *Synapseudes shiinoi* Riggio, 1973, a species of Tanaidacea found in the Mediterranean. *Crustaceana* 33 (2): 153-162.
- Sars, G.O. 1886. Nye bidrag til Kundskaben om Middelhavets Invertebratafauna, III: Middelhavets Saxispoder (Isopoda Chelifera). *Arch. Math. Naturv.* 11: 263-368.
- Sars, G.O. 1896. Isopoda. *An Account of the Crustacea of Norway* 2: 1-270.
- Schiecke, U. 1973. *Ein Beitrag zur Kenntnis der Systematik, Biologie und Autokologie Mariner Peracarida (Amphipoda, Isopoda, Tanaidacea) des Golfs von Neapel*. Unpublished thesis, Universität Kiel, 408 pp.
- Sieg, J. 1980. Taxonomische Monographie der Tanaidæ Dana, 1849 (Crustacea, Tanaidacea). *Abh. Senckenb. Naturforsch. Ges.* 537: 1-267.
- Sieg, J. 1983a. Erstnachweis von *Exspina typica* Lang für den Atlantischen Ozean (Tanaidacea). *Crustaceana* 36 (2): 189-190.
- Sieg, J. 1983b. *Tanaidacea. Crustaceorum Catalogus, Pars 6*, Dr. W. Junk Publishers, The Hague, 552pp.
- Sieg, 1986a. *Crustacea Tanaidacea of the Antarctic and the Subantarctic. I. On material collected at Tierra del Fuego, Isla de los Estados, and the West Coast of the Antarctic Peninsula*. Antarctic Research Series Vol.45, Biology of the Antarctic Seas XVIII, 180 pp.
- Sieg, 1986b. *Tanaidacea (Crustacea) von der Antarktis uns Subantarktis. II. Tanaidacea gesammelt von Dr. J.W. Wagele während der deutschen Antarktis Expedition, 1983*. Mitteilungen aus dem Zoologischen Museum der Universität Kiel II (4): 1-80.
- Sieg, J. & Bird, G.J. 1989. Remarks on the genus *Mesotanais* Dollfus, 1897 (Crustacea, Tanaidacea). Redescription of the type species and description of *M. elongatus* sp.nov. *Bull. Mus. Natn. Hist. Nat.*, Paris 11, sect A. 1: 165-182.
- Sieg, J. & Dojiri, M. 1989. Remarks on *Araphura* Bird & Holdich (Crustacea, Tanaidacea) and allied genera, including descriptions of three new species. *Zoologica Scripta* 18 (1): 115-137.
- Smith, G. 1906. High and low dimorphism. With an account of certain tanaidæ of the Bay of Naples. *Mitt. Zool. Stn Neapel* 17: 312-340.
- Stephensen, K. 1915. Isopoda, Tanaidacea, Cumacea, Amphipoda (excl. Hyperiidae). In *Report on the Danish Oceanographical Expeditions 1908-10 to the Mediterranean and adjacent seas* Vol.2, Biology: 26-29.
- Tattersall, W.M. 1905. The marine fauna of the coast of Ireland. Pt.V. Isopoda. *Fisheries Ireland. Scientific Investigations*, 1904, II: 1-90.
- Tattersall, W.M. 1925. New Tanaidacea and Isopoda from the West Coast of Africa. *Bull. Soc. Sc. Nat. Maroc.* 5 (3): 77-85.
- Willemoes-Suhm, R. 1879. On some Atlantic Crustacea from the Challenger Expedition. *Transactions of the Linnean Society of London*, Series 2, Zoology 1: 23-59.

<b>Order Tanaidacea</b>		
<b>Suborder Apseudomorpha</b>		
<b>Family Apseudidae</b>		
<b>Subfamily Apseudinae</b>		
<i>Apseudes</i>		
<i>acutifrons</i> G.O. Sars, 1882	M	
= <i>A. ostroumovi</i> (Bacescu & Carausu, 1947)		
= <i>Apseudopsis ostroumovi</i>		
<i>africanus</i> Tattersall, 1925	M	
<i>africanus</i> subsp. <i>orientalis</i> Bacescu, 1961	M	
<i>caecus</i> Willemoes-Suhm, 1879	A	
<i>elisae</i> Bacescu, 1961	M	
<i>graciloides</i> Stephensen, 1915	A M	
<i>graziela</i> Bacescu, 1981	A	
<i>grossimanus</i> Norman & Stebbing, 1886	A M	
<i>hastifrons</i> Norman & Stebbing, 1886		
= <i>A. ostroumovi</i> (Bacescu & Carausu, 1947)		
= <i>Apseudopsis ostroumovi</i>		
<i>holthuisi</i> Bacescu, 1962	M	
<i>intermedius</i> Hansen, 1985	A M	
<i>latreillii</i> (Milne-Edwards, 1828)	A M	
= <i>A. latreillei</i>		
= <i>A. latreillii</i> subsp. <i>mediterraneus</i> Bacescu, 1961		
<i>miserai</i> Bacescu, 1980	M	
<i>robustus</i> G.O. Sars, 1882	M	
<i>robustus</i> subsp. <i>israeliticus</i> Bacescu, 1961	M	
<i>rotundifrons</i> Bacescu, 1981	A	
<i>setiferus</i> Bacescu, 1981	A	
<i>sicilianus</i> Bacescu, 1980	M	
<i>spinosus</i> (M. Sars, 1858)	A	
= <i>A. koehleri</i> Bonnier, 1896		
= <i>A. spinosus</i> subsp. <i>albidus</i> Bacescu, 1984		
= <i>A. spinosus</i> subsp. <i>koehleri</i> Bacescu, 1981		
<i>talpa</i> (Montagu, 1808)	A	
= <i>A. hibernicus</i> Walker, 1898		
<i>tenuis</i> Hansen, 1913	A	
<i>tenuimanus</i> G.O. Sars, 1882	M	
<i>tenuimanus</i> subsp. <i>gottliebi</i> Bacescu, 1961	M	
<i>uncidigitatus</i> Norman & Stebbing, 1886	M	
<i>vicinus</i> Hansen, 1913	A	
<i>Atlantapseudes</i>		
<i>nigrichela</i> Bacescu, 1978		
<i>Fageapseudes</i>		
<i>retusifrons</i> (Richardson, 1912)	A M	
= <i>Apseudes obtusifrons</i> Norman & Stebbing, 1886		
= <i>Apseudes retusifrons</i>		
<i>Tuberapseudes</i>		
<i>echinatus</i> (G.O. Sars, 1882)	M	
= <i>Apseudes echinatus</i>		
= <i>Apseudes lunaris</i> Norman & Stebbing, 1886		
<b>Subfamily Leviapseudinae</b>		
<i>Carpapseudes</i>		
<i>curticarpus</i> Bacescu, 1982	A	
<i>kudinovae</i> Bacescu, 1981	A	
<i>laubieri</i> Bacescu, 1982	A	
<i>serratispinosus</i> Lang, 1968	A	
<i>simplicirostris</i> (Norman & Stebbing, 1886)	A	
= <i>Apseudes simplicirostris</i>		
<i>Leviapseudes</i>		
<i>gracilis</i> (Norman & Stebbing, 1886)	A	
= <i>Apseudes gracilis</i>		
= <i>Leiopus gracilis</i>		
<i>gracillimus</i> (Hansen, 1913)	A	
= <i>Leiopus gracillimus</i>		
<i>hanseni</i> (Lang, 1968)	A	
= <i>Leiopus hansenii</i>		
<i>leptodactylus</i> (Beddard, 1886)	A	
= <i>Apseudes leptodactylus</i>		
= <i>Leiopus leptodactylus</i>		
<i>longissimus</i> Bacescu, 1982	A	
<i>segonzaci</i> Bacescu, 1981	A	
<i>zenkevitchioides</i> Bacescu, 1981	A	
<b>Family Kalliapseudidae</b>		
<b>Subfamily Kalliapseudinae</b>		
<i>Cristapseudes</i>		
<i>omercooperi</i> (Larwood, 1954)		M
= <i>Kalliapseudes omer-cooperi</i>		
<b>Family Metapseudidae</b>		
<b>Subfamily Metapseudinae</b>		
<i>Calozodion</i>		
<i>dollfusi</i> Gutu, 1989		A
<b>Subfamily Synapseudinae</b>		
<i>Synapseudes</i>		
<i>mediterraneus</i> Bacescu, 1977		M
<b>Family Parapseudidae</b>		
<i>Parapseudes</i>		
<i>latifrons</i>		
<i>Anuropoda</i>		
<i>francispora</i> Bacescu, 1980		M
<i>Parapseudes</i>		
<i>latifrons</i> (Grube, 1864)		A M
<b>Family Sphyrapidae</b>		
<b>Subfamily Pseudosphyrapinae</b>		
<i>Francapseudes</i>		
<i>debilis</i> Bacescu, 1981		A
<i>uniarticulatus</i> Bacescu, 1981		A
<i>Pseudosphyrapus</i>		
<i>anomalus</i> (G.O. Sars, 1869)		A
= <i>Sphyrapus anomalus</i>		
<i>centobi</i> Bacescu, 1981		A
<i>serratus</i> (G.O. Sars, 1882)		A
= <i>Sphyrapus serratus</i>		
<i>Sphyrapus</i>		
<i>malleolus</i> Norman & Stebbing, 1886		A M
<b>Subfamily Spbyrapinae</b>		
<i>Sphyrapoides</i>		
<i>tudes</i> Norman & Stebbing, 1886		A
<b>Suborder Neotanaidomorpha</b>		
<b>Family Neotanaidae</b>		
<i>Neotanais</i>		
<i>affinis</i> Wolff, 1956		A
<i>americanus</i> Beddard, 1886		A
= <i>Alao tanais serratispinosus</i>		
= <i>N. serratispinosus</i> (Norman & Stebbing, 1886)		
<i>hadalis</i> Wolff, 1956		A
<i>hastiger</i> (Norman & Stebbing, 1886)		A
= <i>Alao tanais hastiger</i>		
= <i>N. Edwardsi</i> Dollfus, 1898		
<i>laevipinosus</i> (Norman & Stebbing, 1886)		A
= <i>Alao tanais laevipinosus</i>		
= <i>N. Edwardsi</i> Dollfus, 1898		A
<i>micromopher</i> Gardiner, 1975		A
<i>peculiaris</i> Lang, 1968		A
<i>sandersi</i> Gardiner, 1975		A
<b>Suborder Tanaidomorpha</b>		
<b>Family Tanaidae</b>		
<b>Subfamily Pancolinae</b>		
<b>Tribe Pancolini</b>		
<i>Hexapleomera</i>		
<i>robusta</i> (Moore, 1894)		M
= <i>Tanais robustus</i>		
= <i>Tanais testudinicola</i> Dollfus, 1898		
<b>Subfamily Sinelobinae</b>		
<i>Parasinelobus</i>		
<i>chevreuxi</i> (Dollfus, 1898)		A
= <i>Tanais chevreuxi</i>		
<b>Subfamily Tanainae</b>		
<i>Tanais</i>		
<i>dulongii</i> (Audouin, 1826)		A M
= <i>T. cavolini</i>		
<i>grimaldii</i> Dollfus, 1897		A M
<b>Subfamily Pancolinae</b>		
<b>Tribe Anatanaini</b>		

<i>Zeuxo</i>		<i>Arhaphuroides</i>	
<i>holdichi</i> Bamber, 1990	A	<i>brevispina</i> (Bird & Holdich, 1984)	A
<b>Family Leptocheiliidae</b>		= <i>Araphura brevispina</i>	
<i>Heterotanais</i>		<i>Araphura</i>	
<i>oerstedi</i> (Kroyer, 1842)	A M	<i>filiformis</i> (Lilljeborg, 1864)	A M
= <i>H. gurneyi</i> Norman, 1906		= <i>Leptognathia filiformis</i>	
= <i>H. oerstedii</i>		<i>Collettea</i>	
<i>Leptochelia</i>		<i>cylindrata</i> (G.O. Sars, 1882)	A M
<i>savignyi</i> (Kroyer, 1842)	A M	= <i>Strongylura cylindrata</i>	
= <i>L. algicola</i> Harger, 1878		<i>minima</i> (Hansen, 1913)	A
= <i>L. corsica</i> Dollfus, 1898		= <i>Strongylura minima</i>	
= <i>L. dubia</i> Kroyer, 1842		<i>rotundicauda</i> Kudinova-Pasternak, 1983	A
= <i>L. Edwardsii</i> (Kroyer, 1842)		<i>Filitanais</i>	
= <i>L. neapolitana</i> G.O. Sars, 1882		<i>rebainsi</i> Kudinova-Pasternak, 1975	
<i>Mesotanais</i>		<i>Haplocope</i>	
<i>dubius</i> Dollfus, 1897	A	<i>abyssorum</i> Dollfus, 1897	A
<i>elongatus</i> Sieg & Bird, 1989	A	<i>angusta</i> G.O. Sars, 1882	A
<b>Pseudoleptochelia</b>		<i>linearis</i> Hansen, 1913	A
<i>anomala</i> (G.O. Sars, 1882)	M	<i>Leptognathiella</i>	
= <i>Heterotanais algiricus</i> Dollfus, 1898		<i>abyssi</i> (Hansen, 1913)	A
= <i>Heterotanais anomalus</i>		= <i>Leptognathia abyssi</i>	
<i>longydactylus</i> (Bacescu, 1977)	M	<i>clivicola</i> Bird & Holdich, 1984	A
= <i>Heterotanais longidactylus</i>		<i>spinicauda</i> Bird & Holdich, 1984	A
<i>magna</i> (Smith, 1906)	M	<i>subaequalis</i> (Hansen, 1913)	A
= <i>Heterotanais magnus</i>		= <i>Leptognathia subaequalis</i>	
<i>mercantilis</i> (Smith, 1906)	M	<i>Leptognathoides</i>	
= <i>Leptochelia mercantilis</i>		<i>polita</i> (Hansen, 1913)	A
<i>merginellae</i> (Smith, 1906)	M	= <i>Leptognathia polita</i>	
= <i>Leptochelia marginellae</i>		<i>potens</i> Bird & Holdich, 1984	A
<i>provincialis</i> (Dollfus, 1898)		<i>Leptognathiopsis</i>	
= <i>Heterotanais provincialis</i>		<i>antennuata</i> Holdich & Bird, 1986	A
<b>Family Paratanaidae</b>		<i>Macrinella</i>	
<i>Paratanais</i>		<i>clavipes</i> (Hansen, 1913)	
<i>atlanticus</i> Dollfus, 1897	A	<i>Robustochelia</i>	
<b>Family Anarthuridae</b>		<i>longa</i> Kudinova-Pasternak, 1983	A
<b>Subfamily Anarthurinae</b>		<i>Stenotanais</i>	
<b>Tribe Agathotanaini</b>		<i>crassiseta</i> Bird & Holdich, 1984	A
<i>Agathotanais</i>		<i>hamicauda</i> Bird & Holdich, 1984	A
<i>ingolfi</i> Hansen, 1913	A	<i>Strongylurella</i>	
<i>Metagathotanais</i>		<i>indivisa</i> Hansen, 1913	
<i>insulcatus</i> Bird & Holdich, 1988	A	<i>Subulella</i>	
<i>Paragathotanais</i>		<i>scotti</i> Holdich & Bird, 1986	A
<i>gracilis</i> Bird & Holdich, 1988	A	<i>Tanabnormia</i>	
<i>nanus</i> Bird & Holdich, 1988	A	<i>cornicauda</i> Gutu, 1986	A
<i>robustus</i> Bird & Holdich, 1988	A	<i>Tanaella</i>	
= <i>P. typicus</i> Lang, 1971		<i>ochracea</i> Hansen, 1913	A
<i>Paranarthrura</i>		= <i>Leptognathia ochracea</i>	
<i>borealis</i> Bird & Holdich, 1989	A	<i>unguicillata</i> Norman & Stebbing, 1886	A M
<i>crassa</i> Bird & Holdich, 1989	A	= <i>Leptognathia unguicillata</i>	
<i>insignis</i> Hansen, 1913	A	<b>Subfamily Leptognathiinae</b>	
<i>intermedia</i> Kudinova-Pasternak, 1982	A M	<i>Exspina</i>	
= <i>P. similis</i> Lang, 1970		<i>typica</i> Lang, 1968	A
<i>lusitanus</i> Bird & Holdich, 1989	A	<i>Leptognathia</i>	
<i>subtilis</i> Hansen, 1913	A M	<i>acanthifera</i> Hansen, 1913	A
<i>tridens</i> Bird & Holdich, 1989	A	<i>alba</i> Hansen, 1913	A
<b>Tribe Anarthurini</b>		<i>arctophylax</i> (Norman & Stebbing, 1886)	A
<i>Anarthrura</i>		= <i>Cryptocoope arctophylax</i>	
<i>simplex</i> G.O. Sars, 1882	A M	<i>armata</i> Hansen, 1913	A
<i>Leptognathia</i>		= <i>L. Amdrupii</i> Hansen, 1913	
<i>latiremis</i> Hansen, 1913	A	<i>brachiata</i> Hansen, 1913	A
<b>Subfamily Akanthophoreinae</b>		<i>breviremis</i> (Lilljeborg, 1864)	A
<i>Akanthophoreus</i>		<i>crassa</i> Hansen, 1913	A
<i>gracilis</i> (Kroyer, 1842)	A	<i>hastata</i> Hansen, 1913	A
= <i>Leptognathia gracilis</i>		<i>laticaudata</i>	
= <i>Leptognathia hansenii</i> Vanhoffen, 1907		= <i>Tanaopsis laticaudata</i>	
= <i>Leptognathia sarsi</i> Hansen, 1909		<i>longiremis</i>	
<i>inermis</i> (Hansen, 1913)	A	<i>manca</i> G.O. Sars, 1882	A M
<i>longiremis</i> (Lilljeborg, 1864)	A M	<i>paramanca</i> Lang, 1958	A
<i>multiserratus</i> (Hansen, 1913)	A	<i>rigida</i> (Bate & Westwood, 1868)	A
<i>Araphura</i>		<i>tenella</i> Hansen, 1913	A
<i>brevimanus</i> (Lilljeborg, 1864)	A M	<i>uncinata</i> Hansen, 1913	A
= <i>Leptognathia brevimanus</i>		<i>ventralis</i> Hansen, 1913	A
= <i>Leptognathia brevimanus</i>		<i>voeringi</i> (G.O. Sars, 1877)	A
		= <i>Cryptocoope Voringii</i>	
		= <i>L. Voringii</i>	

<i>zezinae</i> Kudinova-Pasternak, 1973	A	<i>jonesi</i> Sieg, 1977	A
<i>Mirandotanais</i>	A	<i>lilljeborgi</i> G.O. Sars, 1882	A
<i>vorax</i> Kussakin & Tsareva, 1974	A	<i>longispinus</i> Bird & Holdich, 1989	A
<i>Nematotanais</i>	A	<i>macrocheles</i> G.O. Sars, 1882	A M
<i>mirabilis</i> Bird & Holdich, 1985	A	<i>mediterraneus</i> G.O. Sars, 1882	A M
<i>Pseudoparatanais</i>	A M	= <i>P. mediterraneus</i>	
<i>batei</i> (G.O. Sars, 1882)	A M	<i>scalpellum</i> Bird & Holdich, 1989	A
= <i>Paratanais batei</i>	A M	<i>spatula</i> Bird & Holdich, 1989	A
<i>Tanaopsis</i>	A M	<i>spicatus</i> Bird & Holdich, 1989	A
<i>graciloides</i> (Lilljeborg, 1864)	A M	<i>vulsella</i> Bird & Holdich, 1989	A
= <i>T. laticaudata</i>	A M		
<b>Family Typhlotanaidae</b>		<b>Family Nototanaidae</b>	
<i>Meromonakantha</i>	A	<i>Bathytanaissus</i>	
<i>macrocephala</i> (Hansen, 1913)	A	<i>spinulosus</i> Bird & Holdich, 1989	A
= <i>Typhlotanais macrocephalus</i>	A	<i>Tanaissus</i>	
<i>Peraeospinosus</i>	A	<i>elongatus</i> Jones & Holdich, 1983	A
<i>mixtus</i> (Hansen, 1913)	A	<i>lilljeborgi</i> (Stebbing, 1891)	A
= <i>Typhlotanais mixtus</i>	A	= <i>Leptognathia crassimana</i> Dollfus, 1898	
<i>Typhlotanais</i>	A M		
<i>aequiremis</i> (Lilljeborg, 1864)	A		
<i>assimilis</i> G.O. Sars, 1882	A		
<i>brevicornis</i> (Lilljeborg, 1864)	A		
<i>cornutus</i> G.O. Sars, 1879	A		
<i>eximus</i> Hansen, 1913	A		
<i>finmarchicus</i> G.O. Sars, 1882	A		
<i>gracilipes</i> Hansen, 1913	A		
<i>grandis</i> Hansen, 1913	A		
<i>inaequipes</i> Hansen, 1913	A		
<i>inermis</i> Hansen, 1913	A		
<i>irregularis</i> Hansen, 1913	A		
<i>kerguelensis</i> Beddard, 1886	A		
<i>longimanus</i> Dollfus, 1897	A		
<i>messinensis</i> G.O. Sars, 1882	A M		
<i>microcheles</i> G.O. Sars, 1882	A		
<i>mucronatus</i> Hansen, 1913	A		
<i>penicillatus</i> G.O. Sars, 1882	A		
<i>plebejus</i> Hansen, 1913	A		
<i>proctagon</i> Tattersall, 1904	A		
<i>profundus</i> Hansen, 1913	A		
<i>pulcher</i> Hansen, 1913	A		
<i>richardi</i> Dollfus, 1897	A		
<i>solidus</i> Hansen, 1913	A		
<i>spinicauda</i> Hansen, 1913	A		
<i>spinipes</i> Kudinova-Pasternak, 1982	M		
<i>spiniventris</i> Dollfus, 1897	A		
<i>tenuicornis</i> G.O. Sars, 1882	A		
<i>tenuimanus</i> (Lilljeborg, 1864)	A		
= <i>T. tenuimanus</i>	A		
<i>trispinosus</i> Hansen, 1913	A		
<i>variabilis</i> Hansen, 1913	A		
<b>Family Pseudotanaidae</b>		<b>Isopoda</b>	
<b>Subfamily Cryptocopinae</b>		Compiled by Jacob van der Land	
<i>Cryptocope</i>		The ERMS-list of Isopoda is mainly based on the "World List of Marine and Freshwater Crustacea Isopoda", compiled by Brian Kensley and Marilyn Schotte, Department of Invertebrate Zoology, National Museum of Natural History, Smithsonian Institution Washington, D.C. 20560. It has been compiled from a variety of sources, including numerous individual papers and monographic works, and the collections and catalogues of the National Museum of Natural History, Smithsonian Institution. The following experts co-operated: Dr Thomas E. Bowman, National Museum of Natural History, Smithsonian Institution, (Asellidae in part, Cymothoidae); Dr Niel Bruce, Queensland Museum, South Brisbane, Australia (Aegidae, Cirolanidae, Sphaeromatidae); Dr Richard Brusca, Columbia University Biosphere 2 Center, Oracle, Arizona U.S.A. (Cirolanidae); Dr Hans-Georg Mueller, Germany (Anthuridea, Asellota); Dr Gary C. B. Poore, Museum of Victoria, Melbourne, Australia (Anthuridea, Valvifera); Dr Fahmida Rafi, Canadian Museum of Nature, Ottawa, Canada (Valvifera); Dr Ernest Williams, and Dr Lucy Bunkley Williams, University of Puerto Rico, Mayaguez, Puerto Rico (Cymothoidae). The main list of isopods has not been checked in detail by an expert on the European species. The isopod fauna of deeper waters and parts of the Mediterranean has been least studied (Waegele, personal communication).	
<i>abbreviata</i> (G.O. Sars, 1868)	A M	The Internet address is: <a href="http://www.nmnh.si.edu/gopher-menus/WorldListofMarineandFreshwaterCrustacealsopoda.html">http://www.nmnh.si.edu/gopher-menus/WorldListofMarineandFreshwaterCrustacealsopoda.html</a>	
<i>longa</i> Kudinova-Pasternak, 1982	M		
<i>vijazi</i> Kudinova-Pasternak, 1982	M		
<i>Cryptocopoides</i>	A		
<i>arcticus</i> (Hansen, 1886)	A	<b>References</b>	
= <i>Cryptocope arctica</i>	A		
<b>Subfamily Pseudotanainae</b>			
<i>Mystrocentrus</i>	A	Bate, C. S., and J. O. Westwood. 1868. <i>A history of the British sessile-eyed Crustacea</i> . vi + 536 pages. London: John van Voorst.	
<i>serratus</i> Bird & Holdich, 1989	A	Bonnier, J. 1900. Contribution à l'étude des épicarides. Les Bopyridae. <i>Travaux de l'Institut Zoologique de Lille et du Laboratoire de Zoologie Maritime de Wimereux</i> 8: 1-478.	
<i>Parapseudotanais</i>	A	Bourdon, R. 1968. Les Bopyridae des mers européennes. <i>Mémoires du Muséum National d'Histoire Naturelle de Paris</i> , Nouvelle Série (A) 50 (2): 77-424.	
<i>abyssalis</i> Bird & Holdich, 1989	A	Bourdon, R. 1981. Bopyriens nouveaux pour la faune européenne de l'Atlantique (Isopoda Epicaridea). <i>Bulletin du Muséum National d'Histoire Naturelle</i> , Paris (4) 3 (Section A) (no. 2): 615-634.	
<i>Pseudotanais</i>	A	Carayon, J. 1943. Sur les épicarides du Bassin d'Arcachon (2e note). <i>Bulletin de la Société Zoologique de France</i> 68: 43-48.	
<i>longipes</i> Hansen, 1913	A		
<i>similis</i> Sieg, 1977	A		
<i>affinis</i> Hansen, 1887	A		
<i>borceai</i> Bacescu, 1960	A		
<i>colonus</i> Bird & Holdich, 1989	A		
<i>falcicula</i> Bird & Holdich, 1989	A		
= <i>P. abyssi</i> Hansen, 1913	A		
<i>denticulatus</i> Bird & Holdich, 1989	A		
<i>forcipatus</i> (Lilljeborg, 1864)	A		