

## New Species Described from Specimens Collected as Part of the International Indian Ocean Expedition

The list below comprises all species described from specimens collected as part of the U.S. Program on Biology of the International Indian Ocean Expedition. This list was compiled using several different approaches:

- A list of species was downloaded from the Ocean Biodiversity Information System (OBIS: <https://obis.org/>) on 11 January 2021 (with help from Ward Appeltans of OBIS) from the zone defined by OBIS as the Indian Ocean, which included areas beyond those that were sampled as part of the IIOE (e.g., Southern Australia and sub-Antarctic Indian Ocean). The list included species described from 1753 to present. A download of species from 11 January 2021 to 21 March 2024 was later examined for new species described in this period.
- The species list obtained from OBIS was checked against the World Register of Marine Species (WoRMS: <https://www.marinespecies.org/>) to correct species names and eliminate any invalid species, resulting in a final list of 34,205 species. From this list, 8,963 species were described in 1960 or later. WoRMS was used to update genus names, if necessary. (Any changes in the genus or species name are noted in footnotes.) An attempt was made to find the original publication for each species to determine whether the holotype was collected as part of the IIOE, particularly from the U.S. Program in Biology. In some cases, the original paper could not be located, but sufficient metadata regarding the holotype could be recovered from the Global Biodiversity Information Facility (GBIF: <https://www.gbif.org/>), the Encyclopedia of Life (EOL: <https://eol.org/>), or Smithsonian Institution databases (<https://collections.nmnh.si.edu/search/>) to determine whether the species was described from a specimen collected as part of the U.S. Program on Biology. For many species, either the paper could not be located (1,308) or the year of collection could not be determined from the paper (622 species). These were primarily for papers that appeared in languages other than English. These papers were not included in the list provided below.
- Using the list of U.S. scientists involved in the U.S. Program on Biology, publications held by the Smithsonian Institution were also searched.
- The list of IIOE Collected Reprints (see <https://scor-int.org/project/iioe-1/>) was searched for the word “new” to look for reports of new species. Even if articles were included in the Collected Reprints and reported new species, if they did not mention IIOE (e.g., Smith, 1965), they were not included in the list below, except if the collector was known to be a participant in the IIOE.

The cruise information was checked against the list of known cruises of the R/V *Anton Bruun* and the R/V *Te Vega* given by Urban (2019a and 2019b, respectively), and differences in locations and dates noted between the master lists in Urban (2019a,b) and the original papers.

Using these approaches, 399 species' holotypes were identified as collected by the U.S. Program in Biology. Specific information about each column in the table is given below.

**Genus and species:** When a species name appeared in an original descriptive publication, it was checked against the World Register of Marine Species (WoRMS) to determine if it was still a valid species and whether the genus name has been changed. Very few species have been invalidated since description (see notes following table) and 72 species were re-classified to a different genus since their original description (18%). When original genus names have been changed, the original genus is noted in a footnote.

**Type of organism:** The type of organism is usually noted as the common names for the order/phylum, although other designations are sometimes used, as helpful for compiling species into broader categories.

**Cruise/station:** As noted earlier, the ship name, cruise number and station number are noted for ship-based collections, verified by the master lists by Urban (2019a, 2019b). AB stands for the R/V *Anton Bruun* and TV refers to the R/V *Te Vega*. "Independent research" refers to specimens collected at land-based camps or other collection locations not associated with cruises.

**Location:** Three sources of geographic coordinates were compared: (1) Urban (2019a, 2019b), which shows the coordinates from cruise reports, (2) coordinates associated the holotype in the Smithsonian Institution database, and (3) holotype coordinates given in papers describing the species. If there were differences in these coordinates from the different sources, the cruise reports were considered the most authoritative, followed by the Smithsonian Institution database and then the original publication. If only the name of the collection location was given in the original publication (typically for land-based individual research), Google Maps was used to estimate the approximate coordinates. It was noted that the coordinates given in the Smithsonian database for individual research were often located on land in the middle of the island or country. In the table following, it is noted if the coordinates listed differ from those in the original publication. Coordinates given in degrees, minutes, and seconds in the original publication were converted to decimal coordinates.

**Dates:** Dates given are either derived from the original papers, the Smithsonian database, or the known date of cruise stations from Urban (2019a, 2019b).

**Museum Catalog Number:** Museum catalog numbers for most holotypes were given in the describing publications. The published catalog numbers were verified against the Smithsonian database.

Species Described Based on Specimens Collected by the U.S. Program on Biology of the International Indian Ocean Expedition  
(key is below table)

	Genus and species	Type of organism	Cruise(s)	Station(s)	Location (lat. Long)	Dates	Reference for description	Museum Catalog Number
1	<i>Abyssocypris abyssophilia</i> <sup>1</sup>	Ostracod crustacean	AB-7	363G	-23.6300, 43.4000	5-Aug-64	Maddocks (1969a)	USNM 121237
2	<i>Acanthomolgus cuneipes</i> <sup>2</sup>	Copepod crustacean	IR	Nosy Be	-13.4083, 48.2691	26-Sep-64	Humes and Ho (1968c)	USNM 123664
3	<i>Acanthomolgus exilipes</i> <sup>3</sup>	Copepod crustacean	IR	Nosy Be	-14.1000, 47.7500	30-Sep-64	Humes and Ho (1968c)	USNM 123667
4	<i>Acanthomolgus fissisetiger</i> <sup>4</sup>	Copepod crustacean	IR	Nosy Be	-13.1964, 48.3158	25-Sep-64	Humes and Ho (1968c)	USNM 123678
5	<i>Acanthomolgus gentilis</i> <sup>5</sup>	Copepod crustacean	IR	Nosy Be	-14.1000, 47.7500	30-Sep-64	Humes and Ho (1968c)	USNM 123683
6	<i>Acanthomolgus hians</i> <sup>6</sup>	Copepod crustacean	IR	Nosy Be	-13.4997, 48.3485	30-Jul-64	Humes and Ho (1968a)	USNM 124040
7	<i>Acanthomolgus longispinifer</i> <sup>7</sup>	Copepod crustacean	IR	Nosy Be	-13.5041, 48.3583	30-Jul-64	Humes and Ho (1968a)	USNM 124044
8	<i>Acanthomolgus telestophilus</i> <sup>8</sup>	Copepod crustacean	IR	Nosy Be	-14.1000, 47.7500	30-Sep-64	Humes and Ho (1968a)	USNM 124048
9	<i>Acanthomolgus varirostratus</i> <sup>9</sup>	Copepod crustacean	IR	Nosy Be	-14.1000, 47.7500	30-Sep-64	Humes and Ho (1968c)	USNM 123704
10	<i>Actinoseta nodosa</i>	Ostracod crustacean	TV	LK-17	4.3169, 73.5722	20-Mar-64	Kornicker (1981)	USNM 157417
11	<i>Aetideopsis retusa</i>	Copepod crustacean	AB-6	342	-9.9700, 64.9200 <sup>10</sup>	2-Jun-64	Grice and Hulsemann (1967)	USNM 113515

<sup>1</sup> Reassigned from genus *Australoecia*.

<sup>2</sup> Reassigned from genus *Lichomolgus*.

<sup>3</sup> Reassigned from genus *Lichomolgus*.

<sup>4</sup> Reassigned from genus *Lichomolgus*.

<sup>5</sup> Reassigned from genus *Lichomolgus*.

<sup>6</sup> Reassigned from genus *Lichomolgus*.

<sup>7</sup> Reassigned from genus *Lichomolgus*.

<sup>8</sup> Reassigned from genus *Lichomolgus*.

<sup>9</sup> Reassigned from genus *Lichomolgus*.

<sup>10</sup> Grice and Hulsemann (1967) lists the location as 10°07'S, 61°27'E (-10.1167, 61.4500). The Smithsonian database lists the coordinates as -9.97, 64.92.

12	<i>Aglaophamus longicephalus</i>	Polychaete annelid	AB-4B	255A	25.8300, 57.1200 <sup>11</sup>	30-Nov-63	Hartman (1974) <sup>12</sup>	
13	<i>Agrenocythere spinosa</i>	Ostracod crustacean	AB-8	407D	-17.5300, 43.2500	13-14 Oct-64	Benson (1972)	<sup>13</sup>
14	<i>Alcyonium compactofestucum</i>	Anthozoan cnidarian	AB-8	394B	-29.4500, 31.5200	25-Sep-64	Verseveldt and van Ofwegen (1992)	USNM 85660
15	<i>Alcyonomolgus incisus</i> <sup>14</sup>	Copepod crustacean	IR	Nosy Be	-13.2536, 48.1854	9-Aug-63	Humes and Ho (1968b)	USNM 123692
16	<i>Alcyonomolgus insolens</i> <sup>15</sup>	Copepod crustacean	IR	Nosy Be	-13.4338, 48.3653	12-Jun-64	Humes and Ho (1968b)	USNM 123695
17	<i>Alpheus nonalter</i>	Decapod crustacean	AB-7	390H	-29.6300, 31.6000	8-Sep-64	Kensley (1969)	SAM A12650
18	<i>Alpheus waltervadi</i>	Decapod crustacean	AB-7	381A-C	-33.2200, 43.8500	30-Aug-64	Kensley (1969)	SAM A12646
19	<i>Amarda compta</i>	Copepod crustacean	IR	Nosy Be	-13.4083, 48.2691	26-Sep-64	Humes and Stock (1973)	USNM 137526
20	<i>Amarda cultrata</i>	Copepod crustacean	IR	Nosy Be	-13.4334, 48.3298	25-May-64	Humes and Stock (1973)	USNM 137530
21	<i>Ameliotas malagassicus</i>	Copepod crustacean	AB-8	410A	-15.1200, 43.3500	20-Oct-64	Por (1969)	HUJ, COP 79
22	<i>Amphilimna cribriformis</i>	Asteroid echinoderm	AB-7	390P	-29.5700, 31.6500	9-Sep-64	Clark (1974)	BMNH?
23	<i>Amphorateuthis alveatus</i>	Cephalopod mollusc	AB-9	422	-6.8500, 39.9000	19-Nov-64	Young et al (2007)	USNM 1084280
24	<i>Anchimolgus digitatus</i> <sup>16</sup>	Copepod crustacean	IR	Nosy Be	-12.3054, 49.3065	10-Apr-64	Humes and Ho (1968d)	USNM 121479
25	<i>Anchistrocheles antemacella</i>	Ostracod crustacean	AB-7	369A	-23.8000, 37.7800	16-Aug-64	Maddocks (1969b)	USNM 121641
26	<i>Anchistrocheles bensoni</i>	Ostracod crustacean	AB-7	381B	-33.2200, 43.8500	30-Aug-64	Maddocks (1969b)	USNM 121638
27	<i>Andora (Andora) bruuni</i>	Asteroid Echinoderm	AB-8	401C	-19.8500, 36.3500	4-Sept-64	Rowe (1977a)	USNM E 15901
28	<i>Anthessius alatus</i>	Copepod crustacean	IR		15.7127, 40.2240	14-Mar-62	Humes and Stock (1965)	

<sup>11</sup> Hartman (1974) gives the geographic coordinates as 25°45'N; 57°07'E (25.7500, 57.1167).

<sup>12</sup> The publication year of this publication is sometimes given as 1976.

<sup>13</sup> The UNNM catalog number (174366) given in the paper is incorrect.

<sup>14</sup> Genus reassigned from *Lichomolgus*.

<sup>15</sup> Genus reassigned from *Lichomolgus*.

<sup>16</sup> Genus reassigned from *Lichomolgus*.

29	<i>Anthessius amicalis</i>	Copepod crustacean	IR	Nosy Be	-13.2523, 48.1865	31-Oct-63	Humes and Stock (1965)	USNM 124037
30	<i>Anthessius distensus</i>	Copepod crustacean	IR	Nosy Be	-13.4997, 48.3485	21-Sep-64	Humes and Ho (1965)	USNM 113307
31	<i>Anthessius dolabellae</i>	Copepod crustacean	IR	Nosy Be	-13.4844, 48.2376	29-Mar-64	Humes and Ho (1965)	USNM 113301
32	<i>Anthessius solidus</i>	Copepod crustacean	IR	Nosy Be	-13.2523, 48.1865	31-Oct-63	Humes and Stock (1965)	USNM 112562
33	<i>Anthessius stylocheili</i>	Copepod crustacean	IR	Nosy Be	-13.5329, 48.3534	4-Oct-63	Humes and Ho (1965)	USNM 113304
34	<i>Anthomuda cracens</i> <sup>17</sup>	Isopod crustacean	AB-9	447	10.0000, 51.2500	16-Dec-64	Kensley (1980)	USNM 171698
35	<i>Anthomuda hapla</i> <sup>18</sup>	Isopod crustacean	AB-7	346A	-19.4000, 65.5000	8-Jun-64	Kensley (1980)	USNM 171702
36	<i>Antonbruunia viridis</i>	Polychaete annelid	AB-7	364C	-23.3300, 43.6000	12-Aug-64	Hartman and Boss (1965)	AHF
37	<i>Apanthura microps</i>	Isopod crustacean	AB-4B	206A <sup>19</sup>	20.3800, 70.000 <sup>20</sup>	15-Nov-63	Kensley (1980)	USNM 171690
38	<i>Argeiopsis inhacae</i>	isopod crustacean	AB-7 <sup>21</sup>		-26.0143, 32.9839		Kensley (1974)	SAM A10979
39	<i>Argyrotheca somaliensis</i>	Brachiopod	AB-9	447	10.0000, 51.2500	16-Dec-64	Cooper (1973)	MO 550346 A
40	<i>Ascidia retrosipho</i>	Ascidian chordate	AB-9	445	9.6833, 51.0500	16-Dec-64	Millar (1988)	USNM 17771
41	<i>Ascorhynchus breviscapus</i>	Pycnogonid crustacean	AB-7	360B	-27.6500, 33.3800	1-Aug-64	Stock (1968)	
42	<i>Ascorhynchus somaliensis</i>	Pycnogonid crustacean	AB-9	456	11.2300, 51.1300	17-Dec-64	Stock (1994)	ZMA Pa. 200.949
43	<i>Asterodiscides lacrimulus</i>	Asteroid echinoderm	AB-9	444	9.6000, 51.0200	16-Dec-64	Rowe (1977b)	USNM E 15833
44	<i>Astrocladus goodingi</i>	Ophiroid echinoderm	AB-9	RU-297	-12.9000, 46.2750	23/26-Nov-64	Baker et al. (2018)	USNM 1072479
45	<i>Astrocladus socotrana</i>	Ophiroid echinoderm	AB-9	465	11.6200, 51.4500	18-Dec-64	Baker et al. (2018)	USNM 1072535
46	<i>Astrocyclus somaliensis</i>	Ophiroid echinoderm	AB-9	463	11.4000, 51.5800	18-Dec-64	Baker et al. (2018)	USNM 1411388

<sup>17</sup> Genus reassigned from *Diaphoranthura*. Date and coordinates are from Urban (2019a).

<sup>18</sup> Genus reassigned from *Diaphoranthura*. Date and coordinates are from the Smithsonian database.

<sup>19</sup> Date and coordinates from the Smithsonian database.

<sup>20</sup> The Smithsonian database has an incorrect latitude (-20.358); coordinates are from Urban (2019a).

<sup>21</sup> Neither the station number nor date are provided in Kensley (1974), but it is reported to be from Bruun Cruise 7.

47	<i>Babelomurex microspinosus</i> <sup>22</sup>	Gastropod mollusc	AB-7	371F	-24.7700, 35.3000	18-Aug-64	Kosuge (1988)	USNM 761414
48	<i>Baharilana koloura</i>	Isopod crustacean	AB-7	372B	-24.8000, 34.9800	19-Aug-64	Schotte and Kensley (2005)	USNM 280268
49	<i>Baharilana lira</i>	Isopod crustacean	AB-9	453	11.1800, 51.2300	17-Dec-64	Schotte and Kensley (2005)	USNM 280271
50	<i>Bairdoppilata alcyonicola</i>	Ostracod crustacean	IR	Nosy Be	-12.3054, 49.3065		Maddocks (1969b)	USNM 121337
51	<i>Bairdoppilata cratericola</i>	Ostracod crustacean	IR	Nosy Be	-13.4032, 48.2119		Maddocks (1969b)	USNM 121342
52	<i>Bangia halymeniae</i>	Rhodophyta	TV-5	Wynne 4B-25	4.2141, 73.4863	5-Nov-64	Wynne (1993)	MICH Wynne 4B-25
53	<i>Barathronus bruuni</i>	Teleost fish	AB-6	351B	-29.7500, 64.9700	28-Jun-64	Nielsen (1969)	<sup>23</sup> USNM 202104
54	<i>Bariaka alopiae</i>	Copepod crustacean	IR	Nosy Be	-13.6120, 47.8507	9-Apr-64 <sup>24</sup>	Cressey (1966a)	USNM 113035
55	<i>Bassozetes mozambiquensis</i>	Teleost fish	IR		-21.3000, 36.3000	2-Oct-64	Tomiyama et al. (2017)	<sup>25</sup>
56	<i>Berghiella josephinae</i>	Dinoflagellate	AB-1	32	12.8700, 94.2200	28-Mar-63	Taylor (1976)	
57	<i>Berkeleyia profunda</i>	Polychaete annelid	AB-7	382C	-34.1000, 41.2500	31-Aug-64	Hartman (1971)	
58	<i>Bolinichthys indicus</i> <sup>26</sup>	Teleost fish	AB-6	347B	-22.5700, 64.9200	24-Jun-64	Nafpaktitis and Nafpaktitis (1969)	MCZ 46314
59	<i>Bradyetes florens</i>	Copepod crustacean	AB-6	338	-2.6300, 65.0200	29-May-64	Grice and Hulsemann (1967)	USNM 113516
60	<i>Bruunilla natalensis</i>	Polychaete annelid	AB-7	382C	-34.1000, 41.2500	31-Aug-64	Hartman (1971)	
61	<i>Bythaelurus lutarius</i> <sup>27</sup>	Elasmobranch fish	AB-8	396B	-25.5300, 33.400	28-Sep-64	Springer and D'Aubrey (1972)	USNM 205135
62	<i>Bythocypris (Bythotriangularia) mozambiquensis</i>	Ostracod crustacean	AB-7	361G	-25.8300, 37.3500	2-Aug-64	Maddocks (1969b)	USNM 121600
63	<i>Bythocypris prolata</i>	Ostracod crustacean	AB-7	380C	-32.9700, 43.6800	30-Aug-64	Maddocks (1969b)	USNM 121388

<sup>22</sup> Date, station number and coordinates from the Smithsonian database.

<sup>23</sup> The USNM catalog given in the paper (202104) is incorrect

<sup>24</sup> The date from the Smithsonian database is 9-Mar-64. Coordinates are not listed there.

<sup>25</sup> Catalog number in Smithsonian database (206917) refers to a different species.

<sup>26</sup> Reassigned from genus *Lepidophanes*.

<sup>27</sup> Reassigned from genus *Halaelurus*. Date and coordinates are from Urban (2019a)

64	<i>Bythocypris affinis madagascarensis</i>	Ostracod crustacean	AB-7	373J	-26.9700, 33.8800	23-Aug-64	Maddocks (1969b)	USNM 121382
65	<i>Caecognathia rhektos</i>	Isopod crustacean	AB-4B	206A	20.3800, 70.000 <sup>28</sup>	15-Nov-63	Kensley et al. (2009)	USNM 280364
66	<i>Calappa africana</i>	Decapod crustacean	AB-9	442	9.5500, 50.9833	16-Dec-64	Lai and Ng (2006)	USNM 268804
67	<i>Carpas mossambica</i>	Isopod crustacean	AB-8	401F	-20.5000, 35.8200	4-Oct-64	Kensley and Schotte (2002)	USNM 253359
68	<i>Carpiscula galearis</i>	Gastropod mollusc	AB-1	19	8.4800, 97.4800	23-Mar-63	Cate (1973)	ANSP 291498
69	<i>Cateria gerlachi</i> <sup>29</sup>	Kinorhynch	IR	Mandapam Camp	17.6879, 83.2996	Sep-64	Higgins (1968)	USNM 36127
70	<i>Cerviniella brodskayae</i>	Copepod crustacean	AB-8	400A	-21.2000, 36.4000 <sup>30</sup>	2-Oct-64	Por (1969)	HUJ COP 80 <sup>31</sup>
71	<i>Cerviniopsis smirnovi</i>	Copepod crustacean	AB-8	399A	-22.5500, 36.1700	1-Oct-64	Por (1969)	HUJ COP 81
72	<i>Charybdis (Archias) curtidentata</i> <sup>32</sup>	Decapod crustacean	R/V Horizon	LUSIAD H17	4.4400, 56.3300	17-Oct-62	Stephenson (1967)	
73	<i>Chelidoperca stella</i>	Teleost fish	AB-1	20	9.2200, 97.8500	23-Mar-63	Matsunuma and Motomura (2016)	<sup>33</sup>
74	<i>Chiostylus micheleae</i> <sup>34</sup>	Decapod crustacean	AB-9	442	9.5500, 50.9800	16-Dec-64	Tirmizi and Khan (1979)	USNM 171609
75	<i>Chromis woodsi</i>	Teleost fish	AB-9	463	11.4000, 51.5800 <sup>35</sup>	17-Dec-64	Bruner and Arnam (1979)	FMNH 85011
76	<i>Cilunculus bifidus</i>	Pycnogonid arthropod	AB-7	360B	-27.6500, 33.3800	1-Aug-64	Stock (1968)	
77	<i>Cirolana somalia</i>	Isopod crustacean	AB-9	444	9.6000, 51.0200	16-Dec-64	Schotte and Kensley (2005)	USNM 280279

<sup>28</sup> Coordinates are from Urban (2019a).

<sup>29</sup> Coordinates given in Higgins (1968) are on land. No coordinates were given in the Smithsonian database, so they were estimated.

<sup>30</sup> Por (1969) gives the geographic coordinates as 22.5°S, 36.10°E, whereas Urban (2019a) gives the coordinates for AB Station 400A as -21.2000, 36.4000.

<sup>31</sup> This is the museum catalog number for the syntype. There is no holotype reported.

<sup>32</sup> Reassigned from genus *Charybdis*.

<sup>33</sup> The catalog number given in the paper (USNM 389093) is incorrect.

<sup>34</sup> The cruise number, station number, location, and date differed between the Smithsonian database and Tirmizi and Khan (1979). The information in the table is from the Smithsonian database.

<sup>35</sup> Bruner and Arnam (1979) incorrectly describe the coordinates as 11°24'N, 61°35'E.

78	<i>Cirolana undata</i>	Isopod crustacean	AB-9	437	9.4167, 50.9000	16-Dec-64	Schotte and Kensley (2005)	USNM 280282
79	<i>Cirripectes gilberti</i>	Teleost fish	TV-2	93	5.5500, 95.1600	20-Nov-63	Williams (1988)	USNM 274749
80	<i>Clavodorum bengalorum</i> <sup>36</sup>	Polychaete annelid		RH-28	11.5089, 79.7986	14-Mar-64	Fauchald (1974)	AHF POLY 0946
81	<i>Clypeaster kieri</i>	Echinoid echinoderm	AB-4B	202A	17.4200, 71.7000 <sup>37</sup>	13-Nov-63	Pawson and Phelan (1979)	USNM 18188
82	<i>Cnemidocarpa campylogona</i>	Ascidian chordata	AB-8	400C	-20.5000, 35.6500	3-Oct-64	Millar (1988)	USNM 17772
83	<i>Coelorinchus melanosagmatus</i>	Teleost fish	AB-1	22B	10.6500, 97.1000	24-Mar-63	Iwamoto and Anderson (1999)	CAS 50127
84	<i>Coilia neglecta</i>	Teleost fish	AB-4B	211A	21.3800, 69.7700	16-Nov-63	Whitehead (1967)	
85	<i>Colanthura pigmentata</i>	Isopod crustacean	IR	JR-29	-13.4083, 48.2691 <sup>38</sup>	11-Jan-64	Kensley (1980)	USNM 171684
86	<i>Collocheres prionotus</i>	Copepod crustacean	IR	Nosy Be	-13.4062, 48.2834	21-Dec-63	Humes (1990)	USNM 1098825 <sup>39</sup>
87	<i>Collocherides bleptus</i>	Copepod crustacean	IR	Nosy Be	-13.3177, 48.3437	7-Oct-64	Humes (1993)	USNM 259327
88	<i>Coluzea gomphos</i>	Gastropod mollusc	AB-1	17	7.6700, 97.1500	21-Mar-63	Harasewych (1986)	ANSP
89	<i>Coluzea juliae</i>	Gastropod mollusc	AB-8	397C	-26.1200, 34.1800	29-Sep-64	Harasewych (1989)	USNM 718510
90	<i>Coluzea kallistropa</i>	Gastropod mollusc	AB-8	399C	-21.3000, 36.3000	23-Aug-64	Harasewych (2004)	USNM 718517
91	<i>Condyloderes paradoxus</i>	Kinorhynch	IR	Mandapam Camp	17.6879, 83.2996	26-Mar-64	Higgins (1969a)	USNM 37460
92	<i>Corymbophyton bruuni</i> <sup>40</sup>	Anthozoan cnidarian	AB-7	391F	-29.4300, 31.7700	9-Sep-64	Bayer (1995)	USNM 93241
93	<i>Corythoichthys insularis</i>	Teleost fish	IR	F-89	-5.4205, 53.3004	6-Mar-64	Dawson (1977)	ANSP 110061

<sup>36</sup> IIOE is not mentioned in the article describing this species, but the collector, Howard Sanders, was a known participant in the IIOE U.S. Program on Biology at Mandapam Camp, India, at the time of the collection.

<sup>37</sup> Coordinates given in Pawson and Phelan (1979) are incorrect for station 202A.

<sup>38</sup> Date is from the Smithsonian database. The coordinates in the Smithsonian database are on land. Coordinates listed here are an ocean-positioned estimate of Nosy Be locations, not far from the IIOE lab.

<sup>39</sup> The USNM catalog number (239208) given in the paper is incorrect. The USNM catalog number for the paratype is given

<sup>40</sup> Reassigned from genus *Protodendron*. No holotype designated; this is a syntype.



94	<i>Cosmocampus darrosanus</i> <sup>41</sup>	Teleost fish	IR	F-91	-5.4205, 53.3004	6-Mar-64	Dawson and Randall (1975)	ANSP 128815
95	<i>Cossura dimorpha</i> <sup>42</sup>	Polychaete annelid	AB-4B	364A	-23.3300, 43.6000	12-Aug-64	Hartman (1974)	
96	<i>Cotylomolgus lepidonoti</i>	Copepod crustacean	IR	Nosy Be	-13.1984, 48.2719	1-Dec-63	Humes and Ho (1967a)	USNM 121436
97	<i>Crypthelia micropoma</i>	Hydrozoan cnidarian	AB-8	420A	-2.7000, 40.8800	6-Nov-64	Cairns (1985)	USNM 72353
98	<i>Cryptopora curiosa</i>	Brachiopoda	AB-9	447	10.000, 51.2500	16-Dec-64	Cooper (1973)	MO 550364
99	<i>Ctenacis fehlmanni</i> <sup>43</sup>	Elasmobranch fish	AB-9	463	11.4000, 51.5800	17-Dec-64	Springer (1968)	USNM 202969
100	<i>Cynoglossus lachneri</i>	Teleost fish	AB-9		-4.0807, 39.6872	16-Nov-64 <sup>44</sup>	Menon (1977)	<sup>45</sup>
101	<i>Dantya piercei</i>	Ostracod crustacean	AB-9	446	9.6800, 51.0500	16-Dec-64	Kornicker (1983)	USNM 158331
102	<i>Dendronephthya bruuni</i>	Anthozoan cnidarian	AB-9	445	9.6800, 51.0500	16-Dec-64	Verseveldt and van Ofwegen. (1991)	USNM 87632
103	<i>Dendronephthya hystricosa</i>	Anthozoan cnidarian	AB-8	420A	-2.7000, 40.8800	6-Nov-64	Verseveldt and van Ofwegen (1991)	USNM 87635
104	<i>Dendronephthya pyriformis</i>	Anthozoan cnidarian	AB-7	371D	-24.7700, 35.3300	18-Aug-64	Verseveldt and van Ofwegen (1991)	USNM 87637
105	<i>Dendronephthya staphyloidea</i>	Anthozoan cnidarian	AB-9	447	10.0000, 51.2500	16-Dec-64	Verseveldt and van Ofwegen (1991)	USNM 87638
106	<i>Dendronephthya vervoorti</i>	Anthozoan cnidarian	AB-7	371D	-24.7700, 35.3300	18-Aug-64	Verseveldt and van Ofwegen (1991)	USNM 87640
107	<i>Deutella antonbruuni</i>	Amphipod crustacean	AB-7	391J	-29.3500, 31.5800	9-Sep-64	Guerra-García (2002)	USNM 1005297
108	<i>Deutella indica</i>	Amphipod crustacean	AB-9	456	11.2300, 51.1300 <sup>46</sup>	17-Dec-64 <sup>47</sup>	Guerra-García (2002)	USNM 1005300

<sup>41</sup> Reassigned from genus *Syngnathus*.

<sup>42</sup> Reassigned from genus *Cossurella*.

<sup>43</sup> Reassigned from genus *Triakis*.

<sup>44</sup> No cruise shown in Urban (2019a) for this date.

<sup>45</sup> The catalog number given in the paper (USNM 201852) is not in the Smithsonian database.

<sup>46</sup> Guerra-García (2002) lists the type location as 29°21'S, 31°35'E, whereas Urban (2019a) and the Smithsonian database list the coordinates as shown

<sup>47</sup> Guerra-García (2002) lists the date for station 456 as 7-Dec-64, whereas the cruise report lists the date as 17-Dec-64 (see Urban 2019a).

109	<i>Diaphus antonbruuni</i>	Teleost fish	AB-6	341B <sup>48</sup>	-7.9333, 65.2333	1-Jun-64	Nafpaktitus (1978)	LACM 31389-16
110	<i>Diaphus arabicus</i>	Teleost fish	AB-6	328B <sup>49</sup>	17.7667, 65.0333	18-May-64	Nafpaktitus (1978)	LACM 31334-6
111	<i>Diaphus diademophilus</i>	Teleost fish	AB-6	339A <sup>50</sup>	-4.0167, 65.0000	30-May-64	Nafpaktitus (1978)	LACM 31365-6
112	<i>Diaphus megalops</i>	Teleost fish	AB-6	338A <sup>51</sup>	-2.0000, 64.9000	28-May-64	Nafpaktitus (1978)	LACM 31362-3
113	<i>Dipolydora peristomialis</i> <sup>52</sup>	Polychaete annelid	AB-4B	251B	25.2800, 59.0800	29-Nov-63	Hartman (1974)	
114	<i>Distorsio euconstricta</i>	Gastropod mollusc	AB-9	437	9.4167, 50.9000	16-Dec-64	Beu (1987)	USNM 718952
115	<i>Doridicola aculeatus</i> <sup>53</sup>	Copepod crustacean	IR	Nosy Be	-13.4844, 48.2376	21-Aug-64	Humes and Ho (1968c)	USNM 123653
116	<i>Doridicola hetaericus</i> <sup>54</sup>	Copepod crustacean	IR	Nosy Be	-13.4334, 48.3298	15-May-64	Humes and Ho (1968b)	USNM 123689
117	<i>Doridicola inaequalis</i> <sup>55</sup>	Copepod crustacean	IR	Nosy Be	-13.4334, 48.3298	24-May-64	Humes and Ho (1966a)	USNM 121488
118	<i>Doridicola inflatseta</i> <sup>56</sup>	Copepod Crustacean	IR	Nosy Be	-12.3054, 49.3065	22-Jun-63	Humes and Stock (1973)	USNM 137567
119	<i>Doridicola singularipes</i> <sup>57</sup>	Copepod crustacean	IR	Nosy Be	-13.4346, 48.3677	4-Oct-64	Humes and Ho (1968b)	USNM 123699
120	<i>Dorippe irrorata</i>	Decapod crustacean	AB-1	21	9.9000, 97.7000	24-Mar-63	Manning and Holthuis (1986)	USNM 172495
121	<i>Dynamenella alveolata</i>	Isopod crustacean	TV-2	99 <sup>58</sup>	0.7200, 97.8800	24-Nov-63	Schotte and Kensley (2005)	USNM 280296

<sup>48</sup> Station determined from Urban (2019a) for this date and location.

<sup>49</sup> Station determined from Urban (2019a) for this date and location.

<sup>50</sup> Station determined from Urban (2019a) for this date and location.

<sup>51</sup> Station determine from Urban (2019a) for this date and location.

<sup>52</sup> Reassigned from genus *Polydora*.

<sup>53</sup> Genus reassigned from *Lichomolgus*.

<sup>54</sup> Genus reassigned from *Lichomolgus*.

<sup>55</sup> Genus reassigned from *Lichomolgus*.

<sup>56</sup> Genus reassigned from *Metaxymolgus*.

<sup>57</sup> Genus reassigned from *Lichomolgus*.

<sup>58</sup> Listed as station 99 in Smithsonian database, which corresponds with Urban (2019b). Schotte and Kensley (2005) give the station as "9-24" which probably refers to station LH-24, not TV station 24.

122	<i>Dynamenella remex</i>	Isopod crustacean	IR	JR-38 <sup>59</sup>	-13.4062, 48.2834	20-Jan-64	Schotte and Kensley (2005)	USNM 280298
123	<i>Earleria bruuni</i>	Hydrozoan cnidarian	AB-1	99	13.0300, 84.3700	1-May-63 <sup>60</sup>	Navas (1969)	USNM 52714
124	<i>Ebosia falcata</i> <sup>61</sup>	Teleost fish	AB-9	451	11.0700, 51.2500	17-Dec-64	Eschmeyer and Rama-Rao (1978)	USNM 218411
125	<i>Echiodon coheni</i>	Teleost fish	AB-9	463	11.4000, 51.5800	17-Dec-64	Williams (1984)	ANSP 138804
126	<i>Ecsenius midas</i>	Teleost fish	IR	F-89	-5.4215, 53.3009	6-Mar-64	Starck (1969)	ANSP <sup>62</sup>
127	<i>Eduarctus perspicillatus</i>	Decapod crustacean	AB-8	400C <sup>63</sup>	-20.5000, 35.7167	3-Oct-64	Holthuis (2002)	USNM 1004634
128	<i>Eisothistos anomala</i> <sup>64</sup>	Isopod crustacean	IR	JR-33A	-13.4033, 48.2688 <sup>65</sup>	15-Jan-64	Kensley (1980)	USNM 171710
129	<i>Ekpontocypris epicyrta</i> <sup>66</sup>	Ostracod crustacean	AB-7	381B	-33.2200, 43.8500	30-Aug-64	Maddocks (1969a)	USNM 121165
130	<i>Ekpontocypris litoricola admirantensis</i> <sup>67</sup>	Ostracod Crustacean	AB-9	LK-49	-5.4000, 53.3000	1964	Maddocks (1969a)	USNM 121157
131	<i>Ekpontocypris litoricola litoricola</i> <sup>68</sup>	Ostracod Crustacean	IR	Nosy Be	-13.5329, 48.3534	1963-1964	Maddocks (1969a)	USNM 121157
132	<i>Elaphognathia gladii</i>	Isopod crustacean	AB-9	449	10.0500, 51.2500	16-Dec-64	Kensley et al. (2009)	USNM 280379
133	<i>Elaphognathia ramosa</i>	Isopod crustacean	AB-9	456	11.2300, 51.1300	17-Dec-64	Kensley et al. (2009)	USNM 280369
134	<i>Eleutherobia somaliensis</i>	Anthozoan cnidarian	AB-9	442	9.5500, 50.9800	16-Dec-64	Verseveldt and Bayer (1988)	USNM 77003
135	<i>Epetriodus freddy</i>	Teleost fish	AB-8	399C	-21.3000, 36.3000	2-Oct-64	Cohen and Nielsen (1978)	USNM 206942

<sup>59</sup> "JR" indicates collection by Jack Rudloe

<sup>60</sup> The Smithsonian database lists the collection date as 1-Jan-63. Urban (2019a) shows the correct date of 1-May-63.

<sup>61</sup> All the information was obtained from the Smithsonian database, as the original publication could not be located.

<sup>62</sup> A paratype is listed in the Smithsonian database. The publication from the Academy of Natural Sciences in Philadelphia, which holds a few other holotypes from the U.S. Program in Biology.

<sup>63</sup> Listed in Holthuis (2002) as station 4000.

<sup>64</sup> Reassigned from genus *Heteranthura*.

<sup>65</sup> Collection date from Smithsonian database. The coordinates given in the Smithsonian database are on land, so the coordinates shown are the generic values used for Nosy Be in this metadatabase.

<sup>66</sup> Reassigned from genus *Propontocypris*.

<sup>67</sup> Reassigned from genus *Propontocypris*.

<sup>68</sup> Reassigned from genus *Propontocypris*.

136	<i>Epipenaeon fissurae</i>	Isopod crustacean	AB-7 <sup>69</sup>		-29.8676, 31.0531		Kensley (1974)	SAM A13175
137	<i>Erythrosquilla megalops</i>	Stomatopod crustacean	AB-9	463	11.4000, 51.5800	17-Dec-64	Manning and Bruce (1984)	USNM 195339
138	<i>Ethusa sinespina</i>	Decapod crustacean	AB-7	390E	-29.7000, 31.6300	8-Sep-64	Kensley (1969)	USNM 171713
139	<i>Euaugaptilus curtus</i>	Copepod crustacean	AB-2	108	13.8300, 70.1200	25-May-63	Grice and Hulsemann (1967)	USNM 113528
140	<i>Euaugaptilus fundatus</i>	Copepod crustacean	AB-2	108	13.8300, 70.1200	25-May-63	Grice and Hulsemann (1967)	USNM 113530
141	<i>Euaugaptilus malacus</i>	Copepod crustacean	AB-2	134	-27.5200, 80.1300	6-Jul-63	Grice and Hulsemann (1967)	USNM 113532
142	<i>Euaugaptilus quaesitus</i>	Copepod crustacean	AB-6	332	10.0700, 64.9800	22-May-64	Grice and Hulsemann (1967)	USNM 113533
143	<i>Euaugaptilus rectus</i>	Copepod crustacean	AB-6	337B	-0.2300, 65.0500	28-May-64	Grice and Hulsemann (1967)	USNM 113534
144	<i>Eucalathis fasciculata</i>	Brachiopod	AB-7	363K	-23.7200, 43.4200	5-Aug-64	Cooper (1973)	MO 550371
145	<i>Eudactylina pollex</i>	Copepod crustacean	AB-8	409C <sup>70</sup>	-16.2200, 43.7700	17-Oct-64	Cressey (1967)	USNM 113297
146	<i>Eudactylina pusilla</i>	Copepod crustacean	IR		-13.4033, 48.2688	28-Sep-65	Cressey (1967)	USNM 113299
147	<i>Eviota notata</i>	Teleost fish	TV?	F-23	-4.6629, 55.5232	4-Feb-, 64	Greenfield and Jewett (2012)	ANSP 145893
148	<i>Eviota pseudostigma</i>	Teleost fish	IR	F-37	-6.2397, 54.7530	10-Feb-64	Lachner and Karnella (1980)	<sup>71</sup>
149	<i>Eviota zebrina</i> <sup>72</sup>	Teleost fish	IR	F-64	-4.2881, 55.7296	23-Feb-64	Lachner and Karnella (1978)	<sup>73</sup>
150	<i>Exallanthura sexpes</i>	Isopod crustacean	TV-2	63	1.4000, 103.9800 <sup>74</sup>	15-Oct-63	Kensley (1980)	USNM 171706
151	<i>Expanathura macronesia</i> <sup>75</sup>	Isopod crustacean	AB-2	124F	-21.3500, 65.8700	24-Jun-63	Kensley (1980)	USNM 171719

<sup>69</sup> Neither the station number nor date are provided in Kensley (1974), but it is listed as *Bruun* cruise 7.

<sup>70</sup> Cressey (1967) lists the station as 409, whereas the Smithsonian database lists the station as 409C.

<sup>71</sup> The catalog number in the paper (USNM 219289) does not correspond to the Smithsonian database.

<sup>72</sup> Does not mention IIOE, but probably part of the Seychelles Islands Program of the U.S. Program in Biology, based on the timing, location, and collector.

<sup>73</sup> The catalog number in the paper (USNM 218026) does not correspond to the Smithsonian database.

<sup>74</sup> Date and coordinates determined from the Smithsonian database.

<sup>75</sup> Reassigned from genus *Panathura*

152	<i>Fariometra liobrachia</i>	Crinoid echinoderm	AB-9	423	-6.8700, 39.9000	20-Nov-64	Clark (1972)	USNM E 11694
153	<i>Florenciella lugubris</i>	Teleost fish	AB-3	<sup>76</sup>	-1.9700, 60.1000	21-Aug-63	Mead and De Falla (1965)	MCZ 43089
154	<i>Frenulina cruenta</i>	Brachiopod	AB-9	465	11.6200, 51.4500	18-Dec-64	Cooper (1973)	MO 550339 A
155	<i>Gelastomolgus spondyli</i>	Copepod crustacean	IR	Nosy Be	-13.4844, 48.2376	20-Dec-63	Humes (1968)	USNM 121440
156	<i>Globorotalia neoflexuosa</i>	Foraminifera	AB-6	335A	4.0333, 65.0500	25-May-64	Srinivasan et al. (1974)	PAL 189935
157	<i>Gnathia antonbruunae</i>	Isopod crustacean	AB-7	371G	-24.8200, 35.2200 <sup>77</sup>	18-Aug-64	Kensley et al. (2009)	USNM 280375
158	<i>Gnathia arabica</i>	Isopod crustacean	AB-9	453	11.1800, 51.2300	17-Dec-64	Schotte (1995)	USNM 252728
159	<i>Gnathia eumeces</i>	Isopod crustacean	IR	HA-39	27.2800, 33.7800	12-Jan-65	Kensley et al. (2009)	USNM 280377
160	<i>Gnathia somalia</i>	Isopod crustacean	AB-9	456	11.2300, 51.1300	17-Dec-64	Kensley et al. (2009)	USNM 280388
161	<i>Gobiopsis woodsi</i> <sup>78</sup>	Teleost fish	IR	LW-4	9.2038, 79.0716	2-Jan-64	Lachner and McKinney (1978)	<sup>79</sup>
162	<i>Goniada asiatica</i>	Polychaete annelid	AB-4B	255A	25.8300, 57.1200 <sup>80</sup>	30-Nov-63	Hartman (1974)	
163	<i>Gonodactylellus choprai</i>	Stomatopod crustacean	AB-9	444	9.6000, 51.0200	16-Dec-64	Manning (1967)	USNM 120275
164	<i>Gonyaulax bruunii</i>	Dinoflagellate	AB-8	404	-18.8700, 37.6800	9-Oct-64	Taylor (1976)	
165	<i>Gunnellichthys curiosus</i>	Teleost fish	IR	F-64	-4.2881, 55.7296	23-Feb-64	Dawson (1968)	ANSP 103611
166	<i>Gunnellichthys viridescens</i>	Teleost fish	IR	F-44	-4.6689, 55.5198	11-Feb-64	Dawson (1968)	ANSP 103624
167	<i>Halieutopsis ingerorum</i>	Teleost fish	AB-8	399C	-21.3000, 36.3000	2-Oct-64	Bradbury (1988)	CAS 57249
168	<i>Halimuraena lepopareia</i>	Teleost fish	AB-9	HA-8	-12.8100, 45.3000	24-Nov-64	Winterbottom (1980)	<sup>81</sup>

<sup>76</sup> Station number given in Mead and De Falla (1965), station 6, is incorrect and no stations in Urban (2019a) correspond to the locations and date given in the paper.

<sup>77</sup> Kensley et al. (2009) lists coordinates as 24°42'S, 35°23'E (24.70°S, 35.38°E), but Urban (2019a) lists the coordinates as shown.

<sup>78</sup> Not listed in paper as being part of IIOE, but the collector (Loren P. Woods) was working at Mandapam Camp, India, an IIOE facility, during that period.

<sup>79</sup> The catalog number given in the paper (USNM 212249) is incorrect.

<sup>80</sup> Hartman (1974) lists coordinates as 25°45'N; 57°07'E (25.7500, 57.1167).

<sup>81</sup> The catalog number given in the paper (USNM 218850) is incorrect.

169	<i>Haliophasma mombasa</i> <sup>82</sup>	Isopod crustacean	IR	HA-2	-4.0867, 39.6792	16-Nov-64	Kensley (1980)	USNM 171712
170	<i>Haliophasma poorei</i>	Isopod crustacean	AB-4B	201A	17.9000, 72.4500	13-Nov-63	Kensley (1980)	USNM 171708
171	<i>Haplomolgus montiporae</i>	Copepod crustacean	IR	Nosy Be	-13.2717, 48.1850	15-Nov-63	Humes and Ho (1968d)	USNM 121443
172	<i>Harmothoe branchiata</i>	Polychaete annelid	AB-7	363Z <sup>83</sup>	-23.7700, 43.1300	Aug-64	Hartman (1974)	
173	<i>Harpiosquilla indica</i>	Stomatopod crustacean	IR	Mandapam Camp	9.2696, 79.1419	14-Feb-64	Manning (1969)	USNM 125717
174	<i>Hemicyclops acanthophorus</i>	Copepod crustacean	IR	Nosy Be	-13.2486, 48.2510	29-Apr-64	Humes (1995)	MNHN Cp-1052
175	<i>Hemicyclops acanthosquillae</i>	Copepod crustacean	IR	Nosy Be	-13.1984, 48.2719	12-Jul-64	Humes (1965)	USNM 112547
176	<i>Hemicyclops apiculus</i>	Copepod crustacean	IR	Nosy Be	-13.4200, 48.2819	26-Dec-63	Humes (1995)	MNHN Cp-1056
177	<i>Hemicyclops biflagellatus</i>	Copepod crustacean	IR	Nosy Be	-13.3597, 48.3142	11-May-64	Humes (1965)	USNM 112599
178	<i>Hemicyclops kombensis</i>	Copepod crustacean	IR	Nosy Be	-13.4404, 48.3463	14-Mar-64	Humes (1965)	USNM 112610
179	<i>Hemicyclops vicinalis</i>	Copepod crustacean	IR		-13.5100, 48.3400	30-Dec-63	Humes (1995)	MNHN Cp-1057
180	<i>Heteromastus caudatus</i> <sup>84</sup>	Polychaete annelid	IR	RH-14	9.9784, 76.2722	5-Mar-64	Hartman (1974)	
181	<i>Hippomolgus cognatus</i>	Copepod crustacean	IR	Nosy Be	-13.4404, 48.3463	31-Mar-64	Humes and Ho (1967d)	USNM 113397
182	<i>Hippomolgus latipes</i>	Copepod crustacean	IR	Nosy Be	-13.4404, 48.3463	31-Mar-64	Humes and Ho (1967d)	USNM 113395
183	<i>Indanthura sculpta</i> <sup>85</sup>	Isopod crustacean	AB-7	373B	-26.0000, 33.0800	22-Aug-64	Kensley (1980)	USNM 171689
184	<i>Indomolgus brevisetosus</i>	Copepod crustacean	IR	Nosy Be	-13.4334, 48.3298	24-May-64	Humes and Ho (1966a)	USNM 121447
185	<i>Indomolgus diversus</i>	Copepod crustacean	IR	Nosy Be	-13.4334, 48.3298	24-May-64	Humes and Ho (1966a)	USNM 121451
186	<i>Indomolgus mutatus</i>	Copepod crustacean	IR	Nosy Be	-13.2778, 48.3163	8-Sep-64	Humes and Ho (1966a)	USNM 121455

<sup>82</sup> Genus reassigned from *Malacanthura*.

<sup>83</sup> Station not listed in cruise report (see Urban, 2019a)

<sup>84</sup> Reassigned from genus *Mediomastus*.

<sup>85</sup> Reassigned from genus *Alloanthura*.

187	<i>Intersunaristes dardani</i> <sup>86</sup>	Copepod crustacean	IR	Nosy Be	-13.1984, 48.2719	12-Jul-64	Humes and Ho (1969)	USNM 124067
188	<i>Joeropsis hamatilis</i>	Isopod crustacean	IR	JR-19	-13.5300, 48.5400	31-Dec-63	Kensley and Schotte (2002)	USNM 253236
189	<i>Joeropsis waltervadi</i> <sup>87</sup>	Isopod crustacean	AB		-33.1300, 43.5100	1964	Kensley (1975)	SAM A13646
190	<i>Jolonica suffusa</i>	Brachiopod	AB-7	371F	-24.7700, 35.3000	18-Aug-64	Cooper (1973)	MO 550348 A
191	<i>Kroyeria gemursa</i>	Copepod crustacean	AB-8	409C <sup>88</sup>	-16.2200, 43.7700	17-Oct-64	Cressey (1967)	USNM 113295
192	<i>Labichthys yanoi</i> <sup>89</sup>	Teleost fish	AB-6	350B	-28.0800, 64.9700	27-Jun-64	Mead and Rubinoff (1966)	MCZ 44404
193	<i>Leiochrides branchiatus</i>	Polychaete annelid	IR	RH-30	13.0759, 80.3016	18-Mar-64	Hartman (1974)	
194	<i>Lepadichthys caritus</i>	Teleost fish	IR		-4.5538, 55.4443	14-Feb-64	Briggs (1969)	ANSP 111852
195	<i>Lepeophtheirus longicaudus</i> <sup>90</sup>	Copepod crustacean	IR	Nosy Be	-13.4252, 48.3141	8-Mar-64	Cressey (1966b)	USNM 168243
196	<i>Lepidotrigla bentuviai</i>	Teleost fish	AB-9	453	11.1800, 51.2300	17-Dec-64	Richards and Saksena (1977).	USNM 215055
197	<i>Lestidium bigelow</i>	Teleost fish	AB-6	339A	-4.0200, 65.0000	30-May-64	Graae (1967)	MCZ 44881
198	<i>Letepsammia franki</i>	Anthozoan cnidarian	AB-7	390S	-29.5800, 31.7000	9-Sep-64	Owens (1994)	USNM 75638
199	<i>Lopadorrhynchus indica</i>	Polychaete annelid	R/V <i>Pioneer</i>	41	-5.7000, 97.7700		Peter (1974)	
200	<i>Lucicutia bella</i>	Copepod crustacean	AB-6	348A	-24.0500, 65.0000 <sup>91</sup>	24-Jun-64	Hulsemann (1966)	USNM 113541
201	<i>Lucicutia pallida</i>	Copepod crustacean	AB-6	351B	-29.7500, 64.9700	28-Jun-64	Hulsemann (1966)	USNM 113543
202	<i>Macrochiron lytocarpi</i>	Copepod crustacean	IR	Nosy Be	-13.4400, 48.3700	19-Sep-64	Humes (1966a)	ZMA Co. 101.017

<sup>86</sup> Reassigned from genus *Sunaristesto*.

<sup>87</sup> No AB station locations exactly correspond to the geographic locations listed in Kensley (1975), but cruises 380-381E are nearby.

<sup>88</sup> Cressey (1967) lists the station as 409, whereas the Smithsonian lists the station as 409C.

<sup>89</sup> Genus reassigned from *Avocettinops*.

<sup>90</sup> Genus reassigned from *Dentigrylsops*.

<sup>91</sup> Hulsemann (1966) shows station 348A as ranging from -24.0500, 65.0000 to -24.3667, 64.8333. The Smithsonian database lists the coordinates as -24.208, 64.917. Urban (2019a) lists the coordinates as -24.0500, 65.0000.

203	<i>Macrochiron rostratum</i>	Copepod crustacean	IR	Nosy Be	-13.4400, 48.3700	19-Sep-64	Humes (1966a)	ZMA 101.019
204	<i>Macrochiron vervoorti</i>	Copepod crustacean	IR	Nosy Be	-13.4391, 48.3455	27-Sep-64	Humes and de Maria (1969)	ZMA
205	<i>Macrocyprina captiosa</i>	Ostracod crustacean	AB-8	412C	-12.7800, 47.7000	22-Oct-64	Maddocks (1990)	USNM 240839
206	<i>Macrocyprina madagascarensis</i>	Ostracod crustacean	IR	Nosy Be	-13.4032, 48.2119	22-Jul-64	Maddocks (1990)	
207	<i>Macrocyprina moza</i>	Ostracod crustacean	IR	Nosy Be	-13.4029, 48.2449	1963-1964	Maddocks (1990)	<sup>92</sup>
208	<i>Macrocypris opinabilis</i>	Ostracod crustacean	AB-7	365D	-23.3300, 43.5300	12-Aug-64	Maddocks (1990)	USNM 240323
209	<i>Macrocypris proclivis</i>	Ostracod crustacean	AB-7	363D	-23.7500, 43.1800	5-Aug-64	Maddocks (1990)	USNM 240326
210	<i>Macrosarisa capacis</i>	Ostracod crustacean	AB-8	403F	-19.1500, 36.9200	9-Oct-64	Maddocks (1990)	USNM 240623
211	<i>Macrosarisa hiulca</i>	Ostracod crustacean	AB-7	381C	-33.2200, 43.8800	30-Aug-64	Maddocks (1990)	USNM 240629
212	<i>Megistocletodes translucens</i>	Copepod crustacean	AB-8	407A	-18.4000, 42.1800	13-Oct-64	Por (1986)	HUJ COP 122
213	<i>Melithaea maldivensis</i> <sup>93</sup>	Anthozoan cnidarian	TV-3	119	4.3167, 73.5667	21-Mar-64	van Ofwegen (1987)	RMNH 17446
214	<i>Melithaea omanensis</i> <sup>94</sup>	Anthozoan cnidarian	AB-4B	273A	20.8300, 59.1700	4-Dec-63	van Ofwegen (1987)	RMNH 17447
215	<i>Mephisto fraserbrunneri</i>	Teleost fish	AB-1	22B	10.6500, 97.1000	24-Mar-63	Tyler (1966a)	ANSP 103314
216	<i>Mesanthura protei</i>	Isopod crustacean	AB-7	372P	-25.9500, 33.0300	22-Aug-64	Kensley (1980)	USNM 171713
217	<i>Mesocletodes opoteros</i> <sup>95</sup>	Copepod crustacean	AB-8	407B	-17.5700, 42.7200 <sup>96</sup>	13-Oct-64	Por (1986)	HUJ COP 123
218	<i>Metacirolana chemola</i>	Isopod crustacean	AB-9	447	10.0000, 51.2500	16-Dec-64	Schotte and Kensley (2005)	USNM 280287
219	<i>Metahuntemannia indica</i> <sup>97</sup>	Copepod crustacean	AB-8	396	-25.5700, 33.3200 <sup>98</sup>	28-Sep-64	Por (1986)	HUJ COP 118

<sup>92</sup> The USNM catalog number (240958) given in the paper is incorrect.

<sup>93</sup> Genus changed from *Clathraria*.

<sup>94</sup> Genus changed from *Clathraria*.

<sup>95</sup> Type location not identified between two collection sites; the other site was AB-8, Station 410A

<sup>96</sup> Por (1986) lists coordinates as 17.°32'S and 43°05'E (17.5333, 43.0833); coordinates used are from Urban (2019a).

<sup>97</sup> Reassigned from genus *Beckeria*.

<sup>98</sup> Paper lists longitude as 25°34'S, 33°24'E (-25.5667, 33.4000); Urban (2019a) gives the coordinates as -25.5700, 33.3200.



220	<i>Metataeniacanthus gibbsi</i>	Copepod crustacean	AB-9	449	10.0500, 51.2500	16-Dec-64	Cressey and Cressey (1979)	USNM 171315
221	<i>Metataeniacanthus indiscretus</i>	Copepod crustacean	AB-1	22	10.6200, 97.5700	24-Mar-63	Cressey and Cressey. (1979)	USNM 171317
222	<i>Metataeniacanthus nudus</i>	Copepod crustacean	AB-1	21	9.9000, 97.7000	24-Mar-63 <sup>99</sup>	Cressey and Cressey. (1979)	USNM 171320
223	<i>Metridia effusa</i>	Copepod crustacean	AB-2	134	-27.5200, 80.1300	6-Jul-63	Grice and Hulsemann (1967)	USNM 113525
224	<i>Microcosmus anomalocarpus</i>	Ascidian chordate	AB-4B	206A	20.3800, 70.0000 <sup>100</sup>	15-Nov-63	Millar (1988)	USNM 17773
225	<i>Minous dempsterae</i>	Teleost fish	AB-4B	213A	21.1800, 69.2700 <sup>101</sup>	17-Nov-63	Eschmeyer et al. (1979)	USNM 218417
226	<i>Mipus basicostatus</i>	Gastropod mollusc	AB-9	453	11.1800, 51.2300	17-Dec-64	Kosuge (1988)	USNM 719078
227	<i>Molgula dicosta</i>	Ascidian chordate	AB-7	371F	-24.7700, 35.3000	18-Aug-64	Millar (1988)	USNM 17774
228	<i>Molgula somaliensis</i>	Ascidian chordate	AB-9	456	11.2300, 51.1300	17-Dec-64	Millar (1988)	USNM 17775
229	<i>Monniotus ramosus</i>	Ascidian chordate	AB-7	372C	-24.7700, 34.8300	19-Aug-64	Millar (1988)	USNM 17770
230	<i>Monomolgus psammocorae</i>	Copepod crustacean	IR	Nosy Be	-13.4346, 48.3677	8-Sep-63	Humes and Ho (1967c)	USNM 113490
231	<i>Murex indicus</i>	Gastropod mollusc	AB-4B	210B	21.1200, 69.8000 <sup>102</sup>	17-Nov-63	Houart (2011)	MCZ 361891
232	<i>Mydionobairdia schyroconcha</i> <sup>103</sup>	Ostracod crustacean	IR	Nosy Be	-13.4346, 48.3677		Maddocks (1969b)	USNM 121331
233	<i>Nanogalathea raymondi</i> <sup>104</sup>	Decapod crustacean	AB-1	18A	7.5700, 98.0000	21-Mar-63	Tirmizi and Javed (1980b)	USNM 171608
234	<i>Nasomolgus firmus</i>	Copepod crustacean	IR	Nosy Be	-13.4334, 48.3298	15-May-64	Humes and Ho (1967a)	USNM 121516
235	<i>Nasomolgus leptus</i>	Copepod crustacean	IR	Nosy Be	-13.3884, 48.2221	1-Nov-63	Humes and Ho (1967a)	USNM 121520

<sup>99</sup> Date incorrectly given in Cressey and Cressey (1979) as 24 March 1973.

<sup>100</sup> Millar (1968) lists coordinates as 20°23'N to 20°20'N, 70°00'E to 69°55'E. Urban (2019a) gives the coordinates as -20.38, 70.00. The Smithsonian database lists the coordinates as -20.358, 70.142.

<sup>101</sup> The Smithsonian database gives the coordinates as 21.16°N and 69.24°E. Eschmeyer et al. (1979) give the coordinates as 21°11'N to 21°08'N, 19°16'E to 19°13'E. Urban (2019a) gives the coordinates as 21.18, 69.27.

<sup>102</sup> Coordinates given by Houart (2011) incorrect for this station.

<sup>103</sup> Genus reassigned from *Triebelina*.

<sup>104</sup> Genus reassigned from *Nanogalathea*.

236	<i>Nasomolgus parvulus</i>	Copepod crustacean	IR	Nosy Be	-13.4334, 48.3298	15-May-64	Humes and Ho (1967a)	USNM 121523
237	<i>Nasomolgus rudis</i>	Copepod crustacean	IR	Nosy Be	-13.4334, 48.3298	15-May-64	Humes and Ho (1967a)	USNM 121525
238	<i>Nataliavoluta mozambicana</i> <sup>105</sup>	Gastropod mollusc	AB-7	373H	-26.9700, 33.9000	23-Aug-64	Rehder (1972)	USNM 717909
239	<i>Nemesis aggregatus</i>	Copepod crustacean	AB-5	288	9.4700, 54.8700	5-Feb-64	Cressey (1967)	USNM 113291
240	<i>Neoarcturus obesopleon</i>	Isopod crustacean	AB-7	369F	-24.0700, 36.2500	17-Aug-64	Kensley et al. (2007)	USNM 253341
241	<i>Neocentrophyes intermedius</i>	Kinorynch	IR	RH44.81	-13.3597, 48.3142	15-Apr-64	Higgins (1969b)	USNM 37993
242	<i>Neocentrophyes satyai</i>	Kinorynch	IR	Mandapam Camp	17.6586, 83.3023	26-Mar-64	Higgins (1969b)	USNM 37995
243	<i>Neonesidea aduncicorpulenta</i>	Ostracod crustacean	IR	Nosy Be	-13.4033, 48.2688		Maddocks (1969b)	USNM 121271
244	<i>Neonesidea antonbruuna</i>	Ostracod crustacean	AB-7	381B	-33.2200, 43.8500	30-Aug-64	Maddocks (1969b)	USNM 121261
245	<i>Neonesidea arenigena</i>	Ostracod crustacean	IR	Nosy Be	-13.6347, 47.8500		Maddocks (1969b)	USNM 121267
246	<i>Neonesidea crasenticlavula</i>	Ostracod crustacean	AB-8	403F	-19.1500, 36.9200	9-Oct-64	Maddocks (1969b)	
247	<i>Neonesidea parilihamata</i>	Ostracod crustacean	IR	Nosy Be	-13.4346, 48.3677		Maddocks (1969b)	USNM 121273
248	<i>Neonesidea pateriformis</i>	Ostracod crustacean	IR	Nosy Be	-13.4029, 48.2449		Maddocks (1969b)	USNM 121281
249	<i>Nidalia borongaensis</i> <sup>106</sup>	Anthozoan cnidarian	AB-1	47	20.4500, 92.3300	5-Apr-63	Verseveldt and Bayer (1988)	USNM 77002
250	<i>Nikione natalensis</i>	Isopod crustacean	AB-7 <sup>107</sup>		-29.1667, 31.8500	29-Jul-64	Kensley (1974)	
251	<i>Nuculana lanceta</i>	Bivalve mollusc	AB-7	358C	-29.3500, 31.9667	30-Jul-64	Boshoff (1968)	SAM A30213
252	<i>Nymphon biformidens</i>	Pycnogonid crustacean	IR	JR-33A	-13.4400, 48.3800	15-Jan-64	Stock (1968)	
253	<i>Nymphon primacoxa</i>	Pycnogonid crustacean	AB-7	369F	-24.0700, 36.2500	17-Aug-64	Stock (1968)	ZMA? <sup>108</sup>
254	<i>Nymphopsis curtiscapus</i>	Pycnogonid crustacean	IR	JR-31	-13.3600, 48.1900	13-Jan-64	Stock (1974)	

<sup>105</sup> Genus reassigned from *Volutocorbis*. Date, station number and coordinates from the Smithsonian database.

<sup>106</sup> Data from the Smithsonian database.

<sup>107</sup> Neither the station number nor date are provided in Kensley (1974), but it is listed from Bruun cruise 7. Stations 356G-357 have coordinates that match.

<sup>108</sup> The USNM holds the paratype (USNM 122419). The location of the holotype is unknown, but Stock worked at the ZMA, so the holotype may be held there.

255	<i>Odontomolgus campulus</i> <sup>109</sup>	Copepod crustacean	IR	Nosy Be	-13.3693, 48.1803	23-Oct-64	Humes and Ho (1968d)	USNM 121465
256	<i>Odontomolgus rhadinus</i> <sup>110</sup>	Copepod crustacean	IR	Nosy Be	-13.4346, 48.3677	8-Sep-63	Humes and Ho (1967c)	USNM 113486
257	<i>Opalocina fosteri</i>	Bivalve mollusc	AB-7	364C	-23.3300, 43.6050	12-Aug-64	Hartman and Boss (1965)	USNM 654276
258	<i>Ophiopsila bispinosa</i>	Asteroid echinoderm	AB-7	390S	-29.5800, 31.7000	9-Sep-64	Clark (1974)	
259	<i>Orecturus sakalavicus</i>	Copepod crustacean	IR	Nosy Be	-13.9800, 47.7800	1-Oct-64	Humes (1994)	USNM 267108
260	<i>Orstomella faviae</i>	Copepod crustacean	IR	Nosy Be	-12.3054, 49.3065	10-Apr-64	Humes and Ho (1968e)	USNM 121529
261	<i>Orstomella lobophylliae</i>	Copepod crustacean	IR	Nosy Be	-13.4346, 48.3677	28-Dec-63	Humes and Ho (1968e)	USNM 121532
262	<i>Owstonia lepiota</i>	Teleost fish	AB-9	423	-6.8700, 39.9000	20-Nov-64	Smith-Vaniz and Johnson (2016)	USNM 344575
263	<i>Oxinasphaera brucei</i>	Isopod crustacean	AB-7	371G	-24.4800, 35.2200	18-Aug-64	Schotte and Kensley (2005)	ZMUC
264	<i>Oxinasphaera furcata</i>	Isopod crustacean	AB-9	463	11.4000, 51.5800	17-Dec-64	Schotte and Kensley (2005)	USNM 280353
265	<i>Oxytoxum semicollatum</i>	Dinoflagellate	AB-7	371	-24.7000, 35.3800	18-Aug-64	Taylor (1976)	
266	<i>Palaeophalacroma sphaericum</i>	Dinoflagellate	AB-4B	161	-19.2300, 56.5500	25-26-Sep-63	Taylor (1976)	
267	<i>Panjakus platygyrae</i>	Copepod crustacean	IR	Nosy Be	-13.4334, 48.3298	23-May-64	Humes and Stock (1973)	USNM 137574
268	<i>Pantopipetta clavata</i>	Pycnogonid Crustacean	AB-8	420A	-2.7000, 40.8800	6-Nov-64	Stock (1994)	ZMA Pa. 200.868
269	<i>Papillatabairdia cheroconcha</i> <sup>111</sup>	Ostracod crustacean	AB-7	372P	-25.9500, 33.0300	22-Aug-64	Maddocks (1969b)	USNM 121306
270	<i>Paradoridicola glabripes</i> <sup>112</sup>	Copepod crustacean	IR	Nosy Be	-13.2536, 48.1854	9-Aug-63	Humes and Ho (1968a)	USNM 124037
271	<i>Paradoridicola triquetrus</i> <sup>113</sup>	Copepod crustacean	IR	Nosy Be	-13.3884, 48.2221	12-Jul-64	Humes and Ho (1968a)	USNM 124051
272	<i>Paragunnellichthys seychellensis</i>	Teleost fish	IR	F-114	-6.2397, 54.7530	15-Mar-64	Dawson (1967)	ANSP 103610

<sup>109</sup> Reassigned from genus *Lichomolgus*.

<sup>110</sup> Reassigned from genus *Lichomolgus*.

<sup>111</sup> Genus reassigned from *Paranesidea*.

<sup>112</sup> Reassigned from genus *Lichomolgus*.

<sup>113</sup> Reassigned from genus *Lichomolgus*.

273	<i>Paramolgus politus</i> <sup>114</sup>	Copepod crustacean	IR	Nosy Be	-13.4404, 48.3463	29-May-64	Humes and Ho (1967b)	USNM 121498
274	<i>Paramolgus simulans</i> <sup>115</sup>	Copepod crustacean	IR	Nosy Be	-13.4404, 48.3463	24-Jun-63	Humes and Ho (1967b)	USNM 121507
275	<i>Paramolgus spathophorus</i> <sup>116</sup>	Copepod crustacean	IR	Nosy Be	-13.4844, 48.2376	23-Jun-63	Humes and Ho (1968b)	USNM 123701
276	<i>Paranesidea algicola</i>	Ostracod crustacean	IR	Nosy Be	-13.1984, 48.2719		Maddocks (1969b)	USNM 121299
277	<i>Paranesidea fracticorallicola</i>	Ostracod crustacean	IR	Nosy Be	-13.4346, 48.3677		Maddocks (1969b)	USNM 121287
278	<i>Paranesidea spongicola</i>	Ostracod crustacean	IR	Nosy Be	-13.4248, 48.3134		Maddocks (1969b)	USNM 121302
279	<i>Parapercis simulata</i>	Teleost fish	AB-9	451	11.0700, 51.2500	17-Dec-64	Schultz (1968)	USNM 200760
280	<i>Parapercis somaliensis</i>	Teleost fish	AB-9	468	11.8700, 51.2300	18-Dec-64	Schultz (1968)	USNM 200751
281	<i>Paraprionospio lamellibranchia</i>	Polychaete annelid	AB-7	363Q	-23.3800, 43.5700	6-Aug-64	Hartman (1974)	
282	<i>Parhyalella steelei</i>	Amphipod crustacean	IR		-13.2500, 43.2500	1963-1964	Lazo-Wasem and Gable (2001)	YPM 9381
283	<i>Pelogenia inhacaensis</i>	Polychaete annelid	AB-7	382P <sup>117</sup>	-26.0143, 32.9839	22-Aug-64	Pettibone (1997)	LACM-AHF 1594
284	<i>Pennahia ovata</i>	Teleost fish	AB-1	46	21.0000, 91.9800	4-Apr-63 <sup>118</sup>	Sasaki (1996)	USNM 324181
285	<i>Periploma fracturum</i>	Bivalve mollusc	AB-7	391C	-29.4833, 31.7500	9-Sep-64	Boshoff (1968)	SAM A30211
286	<i>Petersenaspis harrisae</i>	Polychaete annelid	AB-7	356B	-29.1800, 31.6200	29-Jul-64	Salazar-Vallejo (2017)	LACM 5691
287	<i>Phylladiorhynchus bengalensis</i>	Decapod crustacean	AB-1	18A	7.5700, 98.0000	21-Mar-63	Tirmizi and Javed (1980a)	USNM 180387
288	<i>Plectranthias winniensis</i> <sup>119</sup>	Teleost fish	TV?	F-110	-5.4352, 53.3550	10-Mar-64	Tyler (1966b)	ANSP 103583
289	<i>Plesiomolgus conjunctus</i> <sup>120</sup>	Copepod crustacean	IR	Nosy Be	-13.4404 48.3463	8-Jun-64	Humes and Ho (1967d)	USNM 113391

<sup>114</sup> Genus reassigned from *Lichomolgus*.

<sup>115</sup> Genus reassigned from *Lichomolgus*.

<sup>116</sup> Genus reassigned from *Lichomolgus*.

<sup>117</sup> Urban (2019a) does not list this station.

<sup>118</sup> Sasaki (1996) and Smithsonian database give 5-Apr-63 as collection date, but there was no sampling at these coordinates on this date.

<sup>119</sup> Genus reassigned from *Pteranthias*.

<sup>120</sup> Reassigned from genus *Lichomolgus*.

290	<i>Plesiomolgus organicus</i> <sup>121</sup>	Copepod crustacean	IR	Nosy Be	-13.4404, 48.3463	8-Jun-64	Humes and No (1967d)	USNM 113387
291	<i>Plesiops thysanopterus</i>		TV-2	93	5.5528, 95.1508	20-Nov-63	Mooi (1995)	ANSP 157386
292	<i>Pleurocope wilsoni</i>	Isopod crustacean	AB-1	18A	7.5700, 98.0000	21-Mar-63	Kensley and Schotte (2002)	USNM 180387
293	<i>Polyipnus asper</i>	Teleost fish	AB-1	23	10.6500, 96.5800 <sup>122</sup>	24-Mar-63	Harold (1994)	USNM 273282
294	<i>Polyipnus bruuni</i>	Teleost fish	AB-8	421G	-2.9300, 40.4700	8-Nov-64	Harold (1994)	USNM 298923
295	<i>Polyonyx tulearis</i>	Decapod crustacean	AB-7	TULEAR-2 <sup>123</sup>	-23.3750, 43.6717	11-Aug-64 <sup>124</sup>	Werdning (2001)	USNM 296465
296	<i>Pontellina morii</i>	Copepod crustacean	Lusiad II	66	1.9000, 79.0200	30-Aug-62	Fleminger and Hulsemann (1974)	USNM 141621
297	<i>Pontocypria humesi</i>	Ostracod crustacean	IR	Nosy Be	-13.4823, 48.2353	25-Aug-64	Maddocks (1968)	USNM 119796
298	<i>Pontoptilus lacertus</i>	Copepod crustacean	AB-6	347A	-22.1800, 64.8800	23-Jun-64	Grice and Hulsemann (1967)	USNM 113535
299	<i>Pontostratiotes alatus</i>	Copepod crustacean	AB-8	418A	-5.1800, 41.6300	3-Nov-64	Por (1969)	HUJ, COP 75 <sup>125</sup>
300	<i>Pontostratiotes glaber</i> <sup>126</sup>	Copepod crustacean	AB-8	400A 407A 418F	-21.2000, 36.4000 -18.4000, 42.1833 -4.2333, 40.9800	2-Oct-64 13-Oct-64 4-Nov-64	Por (1969)	USNM 125811 <sup>127</sup> HUJ COP 73 <sup>128</sup>
301	<i>Pontostratiotes inermis</i>	Copepod crustacean	AB-8	407A	-18.4000, 42.1800	13-Oct-64	Por (1969)	HUJ COP 76
302	<i>Pontostratiotes microserrulatus</i>	Copepod crustacean	AB-8	419A	-3.7000, 40.7300	5-Nov-64	Por (1969)	USNM 125812 <sup>129</sup> HUJ COP 78

<sup>121</sup> Genus reassigned from *Lichomolgus*.

<sup>122</sup> Harold (1994) gives the wrong coordinates for this station and date; Urban (2019a) and the Smithsonian database given the correct coordinates for this station and date.

<sup>123</sup> Por (1969) does not identify the type location. Specimens used for the description were collected at three different locations.

<sup>124</sup> Date is from the Smithsonian database. Urban (2019a) shows no sampling on this date.

<sup>125</sup> Syntype. The USNM holds the paratype (USNM 125810) for the species. The collector was a scientist at HUJ and Por (1969) notes that several museums hold syntypes.

<sup>126</sup> Por (1969) does not identify the type location. Specimens used for the description were collected at three different locations.

<sup>127</sup> Syntypes are held at several museums, and the USNM holds a paratype (USNM 125811).

<sup>128</sup> Syntype

<sup>129</sup> Syntypes are held by USNM and HUJ, according to Por (1969).

303	<i>Pontostratiotes pubescens</i>	Copepod crustacean	AB-8	407A	-18.4000, 42.1800	13-Oct-64	Por (1969)	USNM 125814 <sup>130</sup> HUJ, COP 74
304	<i>Pontostratiotes sixtorum</i>	Copepod crustacean	AB-8	407A	-18.4000, 42.1800	13-Oct-64	Por (1969)	USNM 125813 <sup>131</sup> HUJ COP 77
305	<i>Poseidonamicus major</i>	Ostracod crustacean	AB-7	368C	-23.0000, 38.6200	16-Aug-64	Benson (1972)	PAL 174335
306	<i>Poseidonamicus nudus</i>	Ostracod crustacean	AB-7	367G	-22.7000, 39.3200	15-Aug-64	Benson (1972)	
307	<i>Prionomolgus lanceolatus</i>	Copepod crustacean	IR	Nosy Be	-13.4391, 48.3455	3-Sep-63	Humes and Ho (1968d)	USNM 121535
308	<i>Pristiapogon abrogramma</i>	Teleost fish	IR	F-44	-4.6635, 55.5215	11-Feb-64	Fraser and Lachner (1985)	<sup>132</sup>
309	<i>Progoniada simplex</i>	Polychaete annelid	AB-7	382C	-31.4000, 41.25 <sup>133</sup>	31-Aug-64	Hartman (1971)	
310	<i>Pronoctiluca rostrata</i>	Dinoflagellate	AB-5	327	6.8500, 75.0300	30-Apr-64	Taylor (1976)	
311	<i>Propontocypris (Schedopontocypris) bengalensis</i>	Ostracod crustacean	AB-1	41	15.0700, 95.8500	31-Mar-63	Maddocks (1969a)	USNM 121175
312	<i>Propontocypris paradispar</i>	Ostracod crustacean	AB-9	453	11.1800, 51.2300	17-Dec-64	Maddocks (1969a)	USNM 121109
313	<i>Propontocypris quasicrocata</i>	Ostracod crustacean	IR	Nosy Be	-13.4033, 48.2688	1963-1964	Maddocks (1969a)	USNM 121104
314	<i>Protopteridinium paradoxum</i>	Dinoflagellate	AB-1	25	10.6800, 94.6700	26-Mar-63	Taylor (1976)	
315	<i>Psednos carolinae</i>	Teleost fish	AB-6	351B	-29.7500, 64.9700	28-Jun-64	Stein (2005)	USNM 381005
316	<i>Psednos microps</i>	Teleost fish	AB-3	158 <sup>134</sup>	-34.9500, 60.0800	9-Sep-63	Chernova (2001)	<sup>135</sup>
317	<i>Psednos steini</i>	Teleost fish	AB-6	351C	-31.4200, 65.1300	28/29-Jun-64	Chernova (2001)	<sup>136</sup>
318	<i>Pseudaeginella vaderi</i>	Amphipod crustacean	AB-8	420A	-2.7000, 40.8800	6-Nov-64	Guerra-Garcia (2004)	USNM 1009935
319	<i>Pseudanthessius ferox</i>	Copepod crustacean	IR	Nosy Be	-13.4346, 48.3677	4-Oct-64	Humes and Ho (1967a)	USNM 121538

<sup>130</sup> Syntypes are held by USNM and HUI, according to Por (1969).

<sup>131</sup> Syntypes are held by USNM and HUI, according to Por (1969).

<sup>132</sup> The catalog number listed in the paper (USNM 213094) is incorrect.

<sup>133</sup> Hartman (1971) gives the incorrect coordinates.

<sup>134</sup> Listed in Chernova (2001) as "Station 7105".

<sup>135</sup> The catalog number listed in the paper (USNM 200520) is incorrect.

<sup>136</sup> The catalog number listed in the paper (USNM 200488) is incorrect.

320	<i>Pseudanthessius procurrens</i>	Copepod crustacean	IR	Nosy Be	-13.4391, 48.3455	28-Nov-63	Humes (1966b)	USNM 113561
321	<i>Pseudanthias conspicuus</i> <sup>137</sup>	Teleost fish	AB-4B	206A	20.3800, 70.0000	15-Nov-63	Heemstra (1973)	<sup>138</sup>
322	<i>Pseudojanira meganesus</i>	Isopod crustacean	IR	JR-28	-13.4080, 48.2420	9-Jan-64	Kensley and Schotte (2002)	USNM 253317
323	<i>Pseudonoba expansilabrum</i>	Gastropod mollusc	AB-7	363W	-23.3200, 43.6000	6-Aug-64	Ponder (1984)	USNM 717549
324	<i>Pseudopalicus sexlobatus</i> <sup>139</sup>	Decapod crustacean	AB-7	371F	-24.7700, 35.3000	18-Aug-64	Kensley (1969)	SAM A12642
325	<i>Pseudothelorgorgia hartogi</i> <sup>140</sup>	Anthozoan cnidarian	AB-4B	221A	22.5300, 68.1200	18-Nov-63	van Ofwegen (1990)	USNM 83607
326	<i>Pyrocystis apiculata</i>	Dinoflagellate	AB-8	418	-5.1700, 41.6700	3-Nov-64	Taylor (1976)	
327	<i>Quollastra striata</i> <sup>141</sup>	Stomatopod crustacean	AB-4B	262A	25.6200, 56.5700	1-Dec-63	Manning (1978)	USNM 168859
328	<i>Rakotoa proteus</i>	Copepod crustacean	IR	Nosy Be	-13.3533, 48.4794	10-Aug-64	Humes and Stocks (1973)	USNM 137588
329	<i>Renocila heterozota</i>	Isopod crustacean	TV-5		-4.6141, 55.4952 <sup>142</sup>	16-Oct-64	Bowman and Mariscal (1968)	USNM 113431
330	<i>Retropluma planiforma</i>	Decapod crustacean	AB-7	390H	-29.6300, 31.6000	8-Sep-64	Kensley (1969)	SAM A12643
331	<i>Rhinomaxillaris bathybia</i>	Copepod crustacean	AB-6	330B	13.6000, 65.0500 <sup>143</sup>	20-May-64	Grice and Hulsemann (1967)	USNM 113538
332	<i>Rhizosmilia robusta</i>	Anthozoan cnidarian	AB-7	373B	-26.0000, 33.0800	22-Aug-64	Cairns and Keller (1993)	USNM 91681
333	<i>Rhynchomolgus corallophilus</i>	Copepod crustacean	IR	Nosy Be	-13.4346, 48.3677	6-Sep-63	Humes and Ho (1967c)	USNM 113494
334	<i>Rhytisma rubiginosum</i>	Anthozoan cnidarian	IR	Nosy Be	-13.4200, 48.2819	4-Oct-64	Verseveldt (1968)	
335	<i>Riseriopsis arabica</i> <sup>144</sup>	Polychaete annelid	AB-4B	248A	25.1700, 60.4500	29-Nov-63	Hartman (1974)	
336	<i>Rogadius fehlmanni</i>	Teleost fish	AB-9	449	10.0500, 51.2500	16-Dec-64	Knapp (2012)	USNM 302842

<sup>137</sup> Genus reassigned from *Anthias*.

<sup>138</sup> The catalog number given in the paper (UNNM 205864) is incorrect.

<sup>139</sup> Genus reassigned from *Palicus*.

<sup>140</sup> Genus reassigned from *Lignella*.

<sup>141</sup> Genus reassigned from *Oratosquilla*.

<sup>142</sup> There are no stations on these dates listed by Urban (2019b).

<sup>143</sup> Smithsonian database lists coordinates as 13.97°N, 65.03°E and station as 330B; Grice and Hulsemann (1967) lists station as 330, which has coordinates as shown.

<sup>144</sup> Genus reassigned from *Fauveliopsis*.

337	<i>Rusichthys plesiomorphus</i>	Teleost fish	AB-8	420A	-2.7000, 40.8800	6-Nov-64	Winterbottom (1979)	USNM 218163
338	<i>Santia spicata</i>	Isopod crustacean	AB-9	453	11.1800, 51.2300	17-Dec-64	Kensley and Schotte (2002)	USNM 253300
339	<i>Sargocentron macrosquamis</i> <sup>145</sup>	Teleost fish	IR		-5.4112, 53.3072	5-Mar-64	Golani (1984)	FMNH 86961
340	<i>Scalisetosus glabrus</i>	Polychaete annelid	AB-1	18A	7.5700, 98.0000	21-Mar-63	Hartman (1974)	
341	<i>Scambicornus lobulatus</i>	Copepod crustacean	IR	Nosy Be	-13.4989, 48.3482	30-Nov-63	Humes (1967)	ZMA
342	<i>Schedomolgus arcuatipes</i> <sup>146</sup>	Copepod crustacean	IR	Nosy Be	-13.4844, 48.2376	22-Aug-63	Humes and Ho (1968d)	USNM 121460
343	<i>Schizopathes amplispina</i>	Anthozoan cnidaria	AB-8	399C	-21.3000, 36.3000	2-Oct-64 <sup>147</sup>	Opresko (1997)	USNM 100073, USNM 96966 <sup>148</sup>
344	<i>Scintis variifurca</i> <sup>149</sup>	Copepod crustacean	AB-8 AB-8	396 397A	-25.5700, 33.3200 <sup>150</sup> -25.2000, 34.0700 <sup>151</sup>	28-Sep-64 29-Sep-64	Por (1986)	HUJ Cop 119
345	<i>Scolecithricella maritima</i>	Copepod crustacean	AB-6	332	10.0700, 64.9800	22-May-64	Grice and Hulsemann (1967)	USNM 113522
346	<i>Scolecithrix grata</i> <sup>152</sup>	Copepod crustacean	AB-2	131	-35.1500, 69.9800	1-Jul-63	Grice and Hulsemann (1967)	USNM 113521
347	<i>Scorpaenodes investigatoris</i>	Teleost fish	AB-4B	267B <sup>153</sup>	24.2200, 65.8700	9-Dec-63	Eschmeyer, and Rama-Rao (1972)	CAS 24264
348	<i>Scorpaenodes tribulosus</i>	Teleost fish	AB-8	420A	-2.7000, 40.8800	6-Nov-64	Eschmeyer (1969)	CAS 24267
349	<i>Spaniomolgus crassus</i> <sup>154</sup>	Copepod crustacean	IR	Nosy Be	-13.4346, 48.3677	4-Aug-63	Humes and Ho (1968d)	USNM 121473
350	<i>Spaniomolgus geminus</i> <sup>155</sup>	Copepod crustacean	IR	Nosy Be	-13.4029, 48.2449	24-Sep-64	Humes and Ho (1968d)	USNM 121483

<sup>145</sup> Collected in IIOE region by scientist who participated in IIOE, although IIOE was not mentioned in the paper.

<sup>146</sup> Reassigned from genus *Lichomolgus*.

<sup>147</sup> Opresko (1997) lists the date as 10-Oct-64; Urban (2019a) gives the date as 2-Oct-64.

<sup>148</sup> The Smithsonian database lists two holotypes.

<sup>149</sup> Por (1986) does not identify which of the two collection locations was the source of the holotype.

<sup>150</sup> Por (1986) lists coordinates as -25.5667, 33.4000.

<sup>151</sup> Por (1986) lists coordinates as -25.3000, 33.0667°E.

<sup>152</sup> Reassigned from genus *Scolecithricella*.

<sup>153</sup> This station is not listed in Urban (2019a).

<sup>154</sup> Reassigned from genus *Lichomolgus*.

<sup>155</sup> Reassigned from genus *Lichomolgus*.



351	<i>Sphenoderes indicus</i>	Kinorhynch	IR	Mandapam Camp	17.6586, 83.3023	26-Mar-64	Higgins (1969a)	USNM 37462
352	<i>Sphenotrochus (Sphenotrochus) evexicostatus</i>	Anthozoan cnidarian	AB-7	372B	-24.8000, 34.9800	19-Aug-64	Cairns and Keller (1993)	USNM 77186
353	<i>Stellicola affinis</i>	Copepod crustacean	IR	Nosy Be	-13.5329, 48.3534	8-Aug-64	Humes and Ho (1967e)	BMNH 1966.12.7.4-6
354	<i>Stellicola kossmanni</i>	Copepod Crustacean	IR	Nosy Be	-13.4200, 48.2819	7-Jul-63	Humes and Ho (1967e)	BMNH 1966.12.7.1-3
355	<i>Stellicola longiseta</i>	Copepod crustacean	IR	Nosy Be	-13.4404, 48.3463	3-Sep-63	Humes and Ho (1967e)	BMNH 1966.12.7.7-9
356	<i>Stellicola pollex</i>	Copepod crustacean	IR	Nosy Be	-13.9800, 47.7800	1-Oct-64	Humes and Ho (1967e)	BMNH 1966.12.7.13-15
357	<i>Stenetriidae expansum</i> <sup>156</sup>	Isopod crustacean	IR	JR-33A	-13.4033, 48.2688	15-Jan-64	Kensley and Schotte (2002)	USNM 253205
358	<i>Synalpheus cretocolatus</i>	Decapod crustacean	AB-1	21	9.9000, 97.7000 <sup>157</sup>	24-Mar-63	Banner and Banner (1979)	USNM 181358
359	<i>Synalpheus somalia</i>	Decapod crustacean	AB-9	453	11.1800, 51.2300	17-Dec-64	Banner and Banner (1979)	USNM 181357
360	<i>Synodus gibbsi</i>	Copepod crustacean	AB-9	422	-6.8500, 39.9000	19-Nov-64 <sup>158</sup>	Cressey (1981)	<sup>159</sup>
361	<i>Synodus macrocephalus</i>	Copepod crustacean	AB-9	463	11.4000, 51.5800	17-Dec-64	Cressey (1981)	USNM 217776
362	<i>Synstellicola pichoni</i>	Copepod crustacean	IR		-13.9800, 47.7800	1-Oct-64	Humes and Ho (1966b)	USNM 121550
363	<i>Tambalagamia orientalis</i>	Polychaete annelid	AB-4B	208A	20.5800, 69.3000	16-Nov-63	Hartman (1974)	
364	<i>Temnomolgus eurynotus</i>	Copepod crustacean	IR	Nosy Be	-13.4334, 48.3298	24-May-64	Humes and Ho (1966a)	USNM 121555
365	<i>Temorites regalis</i> <sup>160</sup>	Copepod crustacean	AB-6	338	-2.6300, 65.0200	29-May-64	Grice and Hulsemann (1967)	USNM 113537

<sup>156</sup> Reassigned from genus *Hansenium*; *incertae sedis*

<sup>157</sup> Banner and Banner (1979) give the coordinates as 10.6167°N, 97.5667°E, as does the Smithsonian database. The Smithsonian database gives the station as number 22, whereas the paper gives it as station 21.

<sup>158</sup> Cressey (1981) incorrectly gives the year as 1965.

<sup>159</sup> The UNNM catalog number (218389) given in the paper is incorrect.

<sup>160</sup> Reassigned from genus *Bathypontia*.

366	<i>Tenerodus verseveldti</i> <sup>161</sup>	Anthozoan cnidarian	AB-7	391F	-29.4300, 31.7700	9-Sep-64	Bayer (1995)	USNM 93230 <sup>162</sup>
367	<i>Tethisea indica</i>	Decapod crustacean	AB-7	371D	-24.7700, 35.3300 <sup>163</sup>	18-Aug-64	Poore (1994)	<sup>164</sup>
368	<i>Thaumatosia anomala</i>	Brachiopod	AB-1	18A	7.5700, 98.0000	21-Mar-63	Cooper (1973)	<sup>165</sup>
369	<i>Thomontocypris lobodonta</i> <sup>166</sup>	Ostrocod crustacean	IR	Nosy Be	-13.4346, 48.3677	1963-1964	Maddocks (1969a)	USNM 121115
370	<i>Tomiyamichthys praealta</i>	Teleost fish	IR	F-109	-5.4215, 53.3009	9-Mar-64	Lachner and McKinney (1980)	UNNM 215290
371	<i>Trapezionida antonbruuni</i> <sup>167</sup>	Decapod crustacean	AB-8	401C	-19.8500, 36.3500	4 Oct-64	Tirmizi and Javed (1980a)	USNM 180386
372	<i>Trapezionida arabica</i> <sup>168</sup>	Decapod crustacean	AB-9	447	10.0000, 51.2500	16-Dec-64	Tirmizi and Javaid (1992)	USNM 1181207
373	<i>Trapezionida babai</i> <sup>169</sup>	Decapod crustacean	AB-7	390L	-29.5800, 31.6300	9-Sep-64	Tirmizi and Javed (1976)	USNM 181103
374	<i>Trapezionida janetae</i> <sup>170</sup>	Decapod crustacean	AB-9	444	9.6000, 51.0200	16-Dec-64	Tirmizi and Javaid (1992)	
375	<i>Tricolia ios</i>	Gastropod mollusc	AB-7	372P	-25.9500, 33.0300	22-Aug-64	Robertson (1985)	USNM 784680 <sup>171</sup>
376	<i>Trimmatom pharus</i> <sup>172</sup>	Teleost fish	IR		-4.6626, 55.5235	2-Feb-64	Winterbottom (2001)	ROM 72493
377	<i>Trochochaeta cirrifera</i> <sup>173</sup>	Polychaete annelid	AB-4B	251B	25.2800, 59.0800	29-Nov-63	Hartman (1974)	
378	<i>Truncatoflabellum gardineri</i>	Anthozoan cnidarian	AB-7	390S	-29.5800, 31.7000	9-Sep-64	Cairns and Keller (1993)	USNM 91736

<sup>161</sup> Reassigned from genus *Protodendron*. No holotype designated. This is a syntype.

<sup>162</sup> syntype

<sup>163</sup> Poore (1994) gives the coordinates as 24°64'S, 35°20'E.

<sup>164</sup> The UNNM catalog number (243552) given in the paper is incorrect.

<sup>165</sup> The catalog number given in paper (USNM 550347c) is incorrect.

<sup>166</sup> Reassigned from genus *Propontocypris*.

<sup>167</sup> Reassigned from genus *Phylladiorhynchus*.

<sup>168</sup> Reassigned from genus *Munida*.

<sup>169</sup> Reassigned from genus *Munida*.

<sup>170</sup> Reassigned from genus *Munida*.

<sup>171</sup> Paratype is held by the USNM. Location of the holotype is unknown.

<sup>172</sup> IIOE is not mentioned in this paper, but the collector was an IIOE scientist and the time period and location correspond with IIOE activities.

<sup>173</sup> Reassigned from genus *Disoma*.

379	<i>Urocaridella antonbruunii</i>	Decapod crustacean	AB-9	Not given in paper	-12.8000, 45.2722	24-Nov-64 <sup>174</sup>	Bruce (1967)	USNM 127358
380	<i>Vokesimurex dolichourus</i> <sup>175</sup>	Gastropod mollusc	AB-1	19	8.4833, 97.4800 <sup>176</sup>	23-Mar-63	Ponder and Vokes (1988)	ANSP 291504
381	<i>Xanthocalanus hispidus</i>	Copepod crustacean	AB-6	355	-29.6300, 49.3800	11-Jul-64	Grice and Hulsemann (1967)	USNM 113518
382	<i>Xarifia anomala</i>	Copepod crustacean	IR	Nosy Be	-13.4844, 48.2376	3-Oct-63	Humes and Ho (1968e)	USNM 121562
383	<i>Xarifia apertipes</i>	Copepod crustacean	IR	Nosy Be	-13.4248, 48.3134	27-Dec-63	Humes and Dojiri (1983)	USNM 210396
384	<i>Xarifia brevicauda</i>	Copepod crustacean	IR	Nosy Be	-13.4029, 48.2449	23-Oct-64	Humes and Ho (1968e)	USNM 121565
385	<i>Xarifia decorata</i>	Copepod crustacean	IR	Nosy Be	-13.3693, 48.1803	24-Sep-64	Humes and Ho (1968e)	USNM 121568
386	<i>Xarifia diminuta</i>	Copepod crustacean	IR	Nosy Be	-13.4346, 48.3677	6-Sep-63	Humes and Ho (1967c)	USNM 113481
387	<i>Xarifia exigua</i>	Copepod crustacean	IR	Nosy Be	-13.4338, 48.3653	18-Oct-63	Humes and Ho (1968e)	USNM 121573
388	<i>Xarifia gradata</i>	Copepod crustacean	IR	Nosy Be	-12.3054, 49.3065	27-Mar-64	Humes and Dojiri (1983)	USNM 210399
389	<i>Xarifia hamata</i>	Copepod crustacean	IR	Nosy Be	-13.2717, 48.1850	15-Nov-63	Humes and Ho (1968e)	USNM 121576
390	<i>Xarifia lamellispinosa</i>	Copepod crustacean	IR	Nosy Be	-13.4338, 48.3653	12-Jun-64	Humes and Ho (1968e)	USNM 121579
391	<i>Xarifia lissa</i>	Copepod crustacean	IR	Nosy Be	-13.4346, 48.3677	4-Aug-63	Humes and Ho (1968e)	USNM 121473
392	<i>Xarifia minax</i>	Copepod crustacean	IR	Nosy Be	-12.3054, 49.3065	27-Mar-64	Humes and Dojiri (1983)	USNM 210406
393	<i>Xarifia temnura</i>	Copepod crustacean	IR	Nosy Be	-13.2717, 48.1850	15-Nov-63	Humes and Ho (1968e)	USNM 121592
394	<i>Xenobrochus africanus</i>	Brachiopod	AB-7	358A	-29.3200, 32.0000	30-Jul-64	Cooper (1973)	MO 550375 A
395	<i>Xenobrochus indianensis</i>	Brachiopod	AB-9	465	11.6200, 51.4500	18-Dec-64	Cooper (1973)	MO 550366 A
396	<i>Xenomolgus varius</i>	Copepod crustacean	IR	Nosy Be	-20.3266, 57.3800	15-Feb-64	Humes and Stock (1973)	
397	<i>Zabythocypris ancipita</i>	Ostracod crustacean	AB-7	363G	-23.6300, 43.4000	5-Aug-64	Maddocks (1969b)	USNM 121620

<sup>174</sup> No station listed in Urban (2019a) for this date.

<sup>175</sup> Genus reassigned from *Haustellum*.

<sup>176</sup> Ponder and Vokes (1988) list the location of the station as 8.4833°N, 97.9833°E.

398	<b><i>Zenkevitchiella crassa</i></b>	Copepod crustacean	AB-6	340	-6.0000, 65.1700	31-May-64	Grice and Hulsemann (1967)	USNM 113539
399	<b><i>Zeugophilomedes arostrata</i><sup>177</sup></b>	Ostracod crustacean	TV-3	118	4.3100, 73.5500	20-Mar-64	Kornicker (1967)	USNM 112658

#### Notes

- When a place name, rather than geographic coordinates, were given in the describing paper, latitudes and longitudes were estimated from Google Maps or taken from the Smithsonian database
- Geographic coordinates in degrees, minutes, and seconds were converted to decimal degrees
- *Alpheus canaliculatus*, *A. pustulosus*, and *A. spatulatus* were described by Banner and Banner (1968) and attributed to specimens collected as part of the IIOE, but the collection dates (1965) and/or locations (South China Sea) do not correspond with *Anton Bruun* cruises. A later correction was published in Banner and Banner (1969), stating that these species were collected on a different cruise, not part of the IIOE.
- *Bassozetes mozanbiquensis*, described by Tomiyama et al. (2017), and *Phylladiorhynchus antonbruuni*, described by Tirmizi and Javed (1980a), were not found in WoRMS.
- *Solieria jaasundii* was described by Mshigeni & Papenfuss (1981), but the paper could not be obtained to find the details.
- The specimen used by Hartman (1974) to describe the new species *Allmaniella nuchalis* was found later to be the previously described species *Heteralentia pycholepis* (Grube, 1878). The specimen used by Grice and Hulsemann (1967) to describe the new species *Pseudochirella squalida* was found later to be the previously described species *Pseudochirella notacantha*.
- *Parapercis trispilota* and *P. bivittata* described by Schultz (1968) were found to be invalid species.

#### Museum definitions

AHF = Allan Hancock Foundation, Univ. of Southern Calif.  
 ANSP = Academy of Natural Sciences of Philadelphia  
 BMNH = British Museum of Natural History  
 CAS = California Academy of Sciences  
 FMNH = Field Museum of Natural History  
 LACM = Natural History Museum, Los Angeles  
 MCZ = Museum of Comparative Zoology  
 MNHN = Museum National d'Histoire Naturelle, Paris  
 MO = USNM Paleontology Department  
 PAL = USNM Paleontology Department  
 RNMH = Rijksmuseum van Natuurlijk Historie

ROM = Royal Ontario Museum

SAM = South African Museum

UMMZ = University of Michigan, Museum of Zoology

USNM = National Museum of Natural History, Smithsonian Institution

ZMA = Zoological Museum of Amsterdam

#### Collection Mode Definitions

AB = R/V *Anton Bruun*

IR = Individual Research

TV = R/V *Te Vega*

<sup>177</sup> Reassigned from genus *Euphilomedes*.

## References

- Baker, A.N., M. Okanishi, and D.L. Pawson. 2018. Euryalid brittle stars from the International Indian Ocean Expedition 1963-64 (Echinodermata: Ophiuroidea: Euryalida). *Zootaxa* 4392(1):1-27, DOI: <https://doi.org/10.11646/zootaxa.4392.1.1>
- Banner, A.H., and D.M. Banner. 1968. Three new species of the genus *Alpheus* (Decapoda, Alpheidae) from the International Indian Ocean Expedition. *Crustaceana* 15(2):141-148.
- Banner, A.H., and D.M. Banner. 1969. Correction to: Three New Species of the Genus *Alpheus* (Decapoda, Alpheidae) from the International Indian Ocean Expedition. *Crustaceana* 15(2): 141. *Crustaceana* 16(2):207.
- Banner, A.H. and D.M. Banner. 1979. Some small collections of alpheid shrimp from the Indian Ocean, including two new species of the genus *Synalpheus*. *Pac. Sci.* 33(1): 25-35.
- Bayer, F.M. 1995. Two new species of the Alcyonacean Genus *Protodendron* (Octocorallia: Alcyoniidae) from the Indian Ocean off Natal. *Bull. Mar. Sci.* 57(2):301-312.
- Benson, R.H. 1972. Bradleya Problem, with Descriptions of Two New Psychrospheric Ostracode Genera, *Agrenocythere* and *Poseidonamicus* (Ostracoda: Crustacea). *Smithson. Contrib. Paleobiol.* (12):1-138.
- Beu A.G. 1987, Taxonomy of gastropods of the families Ranellidae (= Cymatiidae) and Bursidae. Part 2. Descriptions of 14 new modern Indo-West Pacific species and subspecies, with revisions of related taxa. *N. Z. J. Zool.* 13: 273-355.
- Boshoff, P.H. 1968. Description of three new species of Pelecypoda dredged off the coast of Natal, South Africa. *Trans. R. Soc. S. Africa* 38(1): 95-98.
- Bowman, T.E. and R.N. Mariscal. 1968. *Renocila heterozota*, a new Cymothoid Isopod, with notes on its host the Anemone Fish, *Amphiprion akallopisos*, in the Seychelles. *Crustaceana* 14(1):97-104.
- Bradbury, M.G. 1988. Rare fishes of the deep-sea genus *Halieutopsis*: A review with descriptions of four new species (Lophiiformes: Ogcocephalidae). *Fieldiana* 44:1-22.
- Briggs, J.C. 1969. A new species of *Lepadichtys* (Gobiesocidae) from the Seychelles, Indian Ocean. *Copeia* 1969:464-466.
- Bruce, A.J. 1967. Notes on some Indo-Pacific Pontoniinae III-IX, Descriptions of some new genera and species from the western Indian Ocean and the South China Sea. *Zool. Verh.* 87:1-73.
- Bruner, J.C., and S. Arnam. 1979. *Chromis woodsi*, a new species of damselfish (Pomacentridae) from the western Indian Ocean with a redescription of *Chromis axillaris* (Bennett), 1831. *Fieldiana Zool.* 73(3):49-63.
- Cairns, S.D. 1985. Three new species of Stylasteridae (Coelenterata: Hydrozoa). *Proc. Biol. Soc. Wash.* 98(3):728-739.
- Cairns, S.D., and N.B. Keller. 1993. New taxa and distributional records of azooxanthellate Scleractinia from the tropical south-west Indian Ocean, with comments on their zoogeography and ecology. *Ann. S. Afr. Mus.* 103(5):212-292.
- Cate, C.N. 1973. A systematic revision of the recent cypraeid family Ovulidae. *The Veliger* 15 (supplement):1-117.
- Chernova, N. 2001. A review of the genus *Psednos* (Pisces, Liparidae) with description of ten new species from the north Atlantic and southwestern Indian Ocean. *Bull. Mus. Comp. Zool.* 155(10):477-507.
- Clark, A.M. 1972. Some crinoids from the Indian Ocean. *Bull. Br. Mus. (Nat. Hist.) Zool.* 24(2):73-156.

- Clark, A.M. 1974. Notes on some echinoderms from southern Africa. *Bull. Br. Mus. (Nat. Hist.) Zool.* 26(6):423-487.
- Cohen, D.M., and J.G. Nielsen. 1978. Guide to the identification of genera of the fish order Ophidiiformes with a tentative classification of the order. NOAA (National Oceanic and Atmospheric Administration) Technical Report NMFS (National Marine Fisheries Service) Circular, pp.1-72.
- Cooper, G.A. 1973. New Brachiopoda from the Indian Ocean. *Smithson. Contrib. Paleobiol.* (16):1-45.
- Cressey, R. 1966a. A new species of *Dentigryps* Wilson (Copepoda, Caligoida) from Madagascar. *Proc. Biol. Soc. Wash.* 79:91-94.
- Cressey, R.F. 1966b. *Bariaka alopiae* N Gen N Sp (Copepoda - Caligoida) a Parasite on gills of a thresher shark. *Bull. Mar. Sci.* 16(2):324-329.
- Cressey, R.F. 1967. Caligoid copepods parasitic on sharks of the Indian Ocean. *Proc. U.S. Natl. Mus.* 121(3572):1-19; <https://archive.org/details/biostor-85478>
- Cressey, R.F. 1981. Revision of Indo-West Pacific lizardfishes of the genus *Synodus* (Pisces: Synodontidae). *Smithson. Contrib. Zool.* 342.
- Cressey, R.F., and H.B. Cressey. 1979. The parasitic copepods of Indo-West Pacific lizardfishes (Synodontidae). *Smithson. Contrib. Zool.* 296, Washington, D.C.
- Dawson, C.E. 1967. *Paragunnellichthys seychellensis*, A new genus and species of gobioid fish (Microdesmidae) from the western Indian Ocean. *Proc. Biol. Soc. Wash.* 80:73-82.
- Dawson, C.E. 1968. Two New wormfishes (Gobioidea: Microdesmidae) from the Indian Ocean. *Proc. Biol. Soc. Wash.* 81:53-68
- Dawson, C.E. 1977. Review of the pipefish genus *Corythoichthys* with description of three new species. *Copeia* 1977(2):295-338.
- Dawson, C.E., and J.E. Randall. 1975. Notes on Indo-Pacific Pipefishes (Pisces: Syngnathidae) with description of two new species. *Proc. Biol. Soc. Wash.* 88(25):263-280.
- Eschmeyer, W.N. 1969. A new scorpionfish of the genus *Scorpaenodes* and *S. muciparus* (Alcock) from the Indian Ocean, with comments on the limits of the genus. *Occas. Pap., Calif. Acad. Sci.* No. 76
- Eschmeyer, W.N., L.E. Hallacher, K.V. Rama-Rao. 1979. The scorpionfish genus *Minous* (Scorpaenidae, Minoinae) including a new species from the Indian Ocean. *Proc. Calif. Acad. Sci.* (Series 4) 41(20):453-473.
- Eschmeyer, W.N., and K.V. Rama-Rao. 1972. Two new scorpionfishes (genus *Scorpaenodes*) from the Indo-west Pacific with comments on *Scorpaenodes muciparus* (Alcock). *Proc. Calif. Acad. Sci.*, 4th series 39(4):55-64.
- Eschmeyer W.N., and K.V. Rama-Rao. 1978. A new scorpionfish, *Ebosia falcata* (Scorpaenidae, Pteroinae), from the western Indian Ocean, with comments on the genus. *Matsya* (3):64-71.
- Fauchald, K. 1974. Sphaerodoridae (Polychaeta: Errantia) from world-wide areas. *J. Nat. Hist.* 8(3): 257-289.
- Fleminger, A., and K. Hulsemann. 1974. Systematics and distribution of the four sibling species comprising the genus *Pontellina* Dana (Copepoda, Calanoida). *Fish. Bull., U.S. Nat. Mar. Fish. Ser.* 72(1):63-120.
- Fraser, T.H., and E.A. Lachner. 1985. A revision of the cardinalfish subgenera *Pristiapogon* and *Zoramia* (genus *Apogon*) of the Indo-Pacific region (Teleostei: Apogonidae). *Smithson. Contrib. Zool.* No. 412.

- Golani, D. 1984. *Sargocentron macrosquamis* a new squirrelfish from the Amirantes Islands and the Red Sea (Holocentridae, Pisces). *Cybiu* 8(2):39-43.
- Graae, M.J.F. 1967. *Lestidium bigelowi*, a new species of paralepidid fish with photophore *Brevoria* No. 277, p. 1-10
- Greenfield, D.W. and S.L. Jewett. 2012. Two new gobiid fishes of the genus *Eviota* from the Indian Ocean (Teleostei: Gobiidae). *Zootaxa* 3515:67-74.
- Grice, G.D., and K. Hulsemann. 1967. Bathypelagic calanoid copepods of the western Indian Ocean. *Proc. U.S. Natl. Mus.* 122(3583):1-67
- Grube, A.-E. 1878. Annulata Semperiana. Beiträge zur Kenntniss der Annelidenfauna der Philippinen nach den von Herrn Prof. Semper mitgebrachten Sammlungen. Mémoires l'Académie Impériale des Sciences de St.- Pétersbourg. (série 7) 25(8): 1-300.
- Guerra-Garcia, J.M. 2002. Two new species of Deutella Mayer, 1890 (Crustacea: Amphipoda: Caprellidea) collected by the R.V. "Anton Bruun" during the International Indian Ocean Expedition. *Zootaxa* 74:1-18
- Guerra-Garcia, J.M. 2004. The Caprellidea (Crustacea, Amphipoda) from Western Australia and Northern Territory, Australia. *Hydrobiologia* 522:1-74.
- Harasewych M.G. 1986. The Columbariinae (Gastropoda: Turbinellidae) of the eastern Indian Ocean. *J. Malacol. Soc. Aust.* 7(3-4):155-168.
- Harasewych, M.G. 1989. A new species of *Coluzea* (Gastropoda: Turbinellidae) from off southeastern Africa. *The Nautilus* 103(2):70-72.
- Harasewych M.G. 2004. New Columbariinae (Gastropoda: Turbinellidae) from the Indian Ocean. *The Nautilus* 118(3): 93-102.
- Harold, A.S. 1994. A taxonomic revision of the sternoptychid genus *Polyipnus* (Teleostei: Stomiiformes) with an analysis of phylogenetic relationships. *Bull. Mar. Sci.* 54(2):428-534.
- Hartman, O. 1971. Abyssal Polychaetous Annelids from the Mozambique Basin off Southeast Africa, with a Compendium of Abyssal Polychaetous Annelids from World-Wide Areas. *J. Fish. Res. Bd. Canada* 28:1407-1428
- Hartman, O. 1974.<sup>178</sup> Polychaetous annelids of the Indian Ocean including an account of species collected by members of the International Indian Ocean Expeditions, 1963-1964 and a catalogue and bibliography of the species from India. *J. Mar. Biol. Ass. India.* 16(1):191-252.<sup>179</sup>
- Hartman, O. and K.J. Boss. 1965. *Antonbruunia viridis*, a new inquiline annelid with dwarf males, inhabiting a new species of pelecypod, *Lucina fosteri*, in the Mozambique Channel. *Ann. Mag. Nat. Hist.* 1387-88:177-186
- Heemstra, P.C. 1973. *Anthias conspicuus* sp. nova (Perciformes: Serranidae) from the Indian Ocean, with comments on related species. *Copeia* 1973(2):200-210.
- Higgins, R.P. 1968. Taxonomy and postembryonic development of the Cryptorhagae, a New Suborder for the Mesopsammic Kinorhynch Genus *Cateria*. *Trans. Am. Microsc. Soc.* 87:21-39.
- Higgins, R.P. 1969a. Indian Ocean Kinorhyncha: 1. *Condyloderes* and *Sphenoderes*, new cyclorhagid genera. *Smithson. Contrib. Zool.* 14: 1-13.

---

<sup>178</sup> Publication date sometimes listed as "1976"

- Higgins, R.P. 1969b. Indian Ocean Kinorhyncha: 2. Neocentrophyidae, a new homalorhagid family. *Proc. Biol. Soc. Wash.* 82:113-128.
- Holthuis, L.B. 2002. The Indo-Pacific scyllarine lobsters (Crustacea, Decapoda, Scyllaridae). *Zoosystema* 24(3):499-683.
- Houart, R. 2011. Description of two new species of *Murex* s.s. (Mollusca: Gastropoda: Muricidae) from the northern Indian Ocean. *Breviora* 521:1-14.
- Hulsemann, K. 1966. A revision of the genus *Lucicutia* (Copepoda: Calanoida) with a key to its species. *Bull. Mar. Sci.* 16(4):702-747
- Humes, A.G. 1965. New species of *Hemicyclops* (Copepoda, Cyclopoida) from Madagascar. *Bull. Mus. comp. Zool.* 134(6):159-259.
- Humes, A.G. 1966a. New species of *Macrochiron* (Copepoda, Cyclopoida) associated with hydroids in Madagascar. *Beaufortia* 14(165):5-28.
- Humes, A.G. 1966b. *Pseudanthessius procurrens* n. sp., a cyclopoid copepod associated with a cidarid echinoid in Madagascar. *Breviora* 246:1-14.
- Humes, A.G. 1967. A new species of *Scambicornus* (Copepoda, Cyclopoida, Lichomolgidae) associated with a holothurian in Madagascar, with notes on several previously described species. *Beaufortia* 14(173):135-155.
- Humes, A.G. 1968. Two new copepods (Cyclopoida, Lichomolgidae) from marine pelecypods in Madagascar. *Crustaceana* Supplement, Leiden 1:65-81.
- Humes, A.G. 1990. Collocheres (Copepoda: Siphonostomatoida) Associated with the Crinoid *Capillaster multiradiatus* in the Indo-Pacific. *Trans. Am. Microsc. Soc.* 109(1):61-68.
- Humes, A.G. 1993. *Collocherides bleptus* n. sp. (Copepoda: Siphonostomatoida) associated with an intertidal ophiuroid in Madagascar. *Bijdragen tot de Dierkunde* 63(2):121-127.
- Humes, A.G. 1994. Copepoda associated with Octocorals in Northwestern Madagascar, including *Orecturus sakalavicus* n. sp. from the Telestacean *Coelogorgia palmosa*. *Trans. Am. Microsc. Soc.* 113(2):117-126.
- Humes, A.G. 1995. Three new species of *Hemicyclops* (Copepoda: Poecilostomatoida: Clausidiidae) from northwestern Madagascar. *Bull. Mus. Hist. Natl. Paris, Série 4.* 17(1-2):141-161.
- Humes, A.G., and M. Dojiri. 1983. Copepoda (Xarifiidae) parasitic in scleractinian corals from the Indo-Pacific. *J. Nat. Hist.* 17(3):257-307, DOI: 10.1080/00222938300770221
- Humes, A.G., and A de Maria. 1969. The cyclopoid copepod genus *Macrochiron* from hydroids in Madagascar. *Beaufortia* 16:137-155.
- Humes, A.G., and J.S. Ho. 1965. New species of the genus *Anthessius* (Copepoda, Cyclopoida) associated with mollusks in Madagascar. *Cah. O.R.S.T.O.M., sér. Océanogr.* 3(2):78-113.
- Humes, A.G., and J.-S. Ho. 1966a. New lichomolgid copepods (Cyclopoida) from zoanthid coelenterates in Madagascar. *Cah. O.R.S.T.O.M., sér. Océanogr.* 4(2):3-47.
- Humes, A.G., and J.S. Ho. 1966b. Cyclopoid copepods associated with the starfish *Choriaster granulatus* (Lütken) in Madagascar. *Cah. O.R.S.T.O.M., sér. Océanogr.* 4(3):93-108.
- Humes, A.G., and Ho, J.-S. 1967a. New cyclopoid copepods associated with polychaete annelids in Madagascar. *Bull. Mus. Comp. Zool. (Harvard)* 135(7):377-413.
- Humes, A.G., and J.-S. Ho. 1967b. Two new species of *Lichomolgus* (Copepoda, Cyclopoida) from an actiniarian in Madagascar. *Cah. O.R.S.T.O.M., série Océanogr.* 5(1).
- Humes, A.G., and J.-S. Ho. 1967c. New cyclopoid copepods associated with the coral *Psammocora contigua* (Esper) in Madagascar. *Proc. U.S. Nat. Mus.* 122(3586):1-32.



- Humes, A.G., and J.-S. Ho. 1967d. New cyclopoid copepods associated with the alcyonarian coral *Tubipora musica* (Linnaeus) in Madagascar. *Proc. U.S. Nat. Mus.* 121(3573):1.
- Humes, A.G., and J.-S. Ho. 1967e. New species of *Stellicola* (Copepoda, Cyclopoida) associated with starfishes in Madagascar, with a redescription of *S. caeruleus* (Stebbing, 1900). *Bull. Br. Mus. nat. Hist. (Zool.)* 15(5):199-225.
- Humes, A.G., and J.S. Ho. 1968a. Cyclopoid copepods of the genus *Lichomolgus* associated with octocorals of the families Xenidiidae, Nidaliidae, and Telestidae in Madagascar. *Proc. Biol. Soc. Wash.* 81(60):693-750.
- Humes, A.G., and J.S. Ho. 1968b. Cyclopoid copepods of the genus *Lichomolgus* associated with octocorals of the family Alcyoniidae in Madagascar. *Proc. Biol. Soc. Wash.* 81(59):635-692.
- Humes, A.G., and J.S. Ho. 1968c. Cyclopoid copepods of the genus *Lichomolgus* associated with octocorals of the family Nephtheidae in Madagascar. *Proc. U.S. Natl. Mus.* 125(3661):1-41.
- Humes, A.G., and J.S. Ho. 1968d. Lichomolgoid copepods (Cyclopoida) associated with corals In Madagascar. *Bull. Mus. Comp. Zool. Harvard Univ.* 136(10):353-413.
- Humes, A.G., and J.S. Ho. 1968e. Xarifiid copepods (Cyclopoida) parasitic in corals in Madagascar. *Bull. Mus. Comp. Zool. Harvard Univ.* 136(11):415-459.
- Humes, A.G., and J.S. Ho. 1969. The genus *Sunaristes* (Copepoda, Harpacticoida) associated with hermit crabs in the western Indian Ocean. *Crustaceana* 17:1-18.
- Humes, A.G., and J.H. Stock. 1965. Three new species of *Anthessius* (Copepoda, Cyclopoida, Myicolidae) associated with Tridacna from the Red Sea and Madagascar. Israel South Red Sea Expedition, 1962, Reports nos. 13-17, Department of Fisheries, Sea Fisheries Research Station, 1965. (Bulletin no. 40)
- Humes, A.G., and J.H. Stock. 1973. A revision of the family Lichomolgidae Kossmann, 1877, cyclopoid copepods mainly associated with marine invertebrates. *Smithson. Contrib. Zool.* No. 127:1-368..
- Iwamoto, T. and M.E. Anderson. 1999. New species of *Caelorinchus* (Macrouridae, Gadiformes, Teleostei) from the Indian Ocean. *Copeia* 1999(4):1079-1083.
- Kensley, B. 1969. Decapod Crustacea from the south-west Indian Ocean. *Ann. S. Afr. Mus.* 52:149-181.
- Kensley, B. 1974. Bopyrid isopoda from Southern Africa. *Crustaceana* 26(3):259-266.
- Kensley B. 1975. Five species of *Jaeropsis* from the southern Indian Ocean (Crustacea, Isopoda, Asellota). *Ann. S. Afr. Mus.* 67(10):367-380.
- Kensley, B. 1980. Anthuridean isopod crustaceans from the International Indian Ocean Expedition, 1960-1965, in the Smithsonian Collections. *Smithson. Contrib. Zool.* No. 304, **Washington, D.C.**
- Kensley, B. and M. Schotte. 2002. New species and records of *Asellota* from the Indian Ocean (Crustacea: Peracarida: Isopoda. *J. Nat. Hist.* 36(12):1421-1461.
- Kensley, B., M. Schotte, and G.C.B. Poore. 2007. New species and records of valviferan isopods (Crustacea:Isopoda:Valvifera) from the Indian Ocean. *Proc. Biol. Soc. Wash.* 120(4):429-445.
- Kensley, B., M. Schotte, and G.C.B. Poore. 2009. Gnathiid Isopods (Crustacea: Isopoda: Gnathiidae), mostly new, from the Indian Ocean. *Proc. Biol. Soc. Wash.* 122(1):32-51.
- Knapp, L.W. 2012. *Rogadius fehlmanni*, a new flathead fish (Scorpaeniformes:Platycephalidae) from Somalia. *Proc. Biol. Soc. Wash.* 125(1):61-65.

- Kornicker, S. 1967. *Euphilomedes arostrata*: a new myodocopid ostracod from Maldivian islands, Indian Ocean. *Proc. U.S. Natl. Mus.* 120(3563):1-21.
- Kornicker, L.S. 1981. Revision, Distribution, Ecology, and Ontogeny of the Ostracode Subfamily Cyclasteropinae (Myodocopina: Cyndroleberididae). *Smithson. Contrib. Zool.* 319:1-548.
- Kornicker, L.S. 1983. New species of *Dantya* from the Indian Ocean (Ostracoda: Sarsiellidae: Dantyninae). *Smithson. Contrib. Zool.* 383:1-18.
- Kosuge, S. 1988. Descriptions of two new species of the family Coralliophilidae in the collection of the U.S. National Museum (Nat. Hist.), Smithsonian Institution with some note on *Coralliophila spinosa* Dall, 1889 (Gastropoda). *Bull. Inst. Malacol. Tokyo* 2(7):113-116.
- Lachner, E.A., and J.S. Karnella. 1978. Fishes of the genus *Eviota* of the Red Sea with descriptions of three new species (Teleostei: Gobiidae). *Smithson. Contrib. Zool.* 286:1-23.
- Lachner, E.A., and J.S. Karnella. 1980. Fishes of the Indo-Pacific genus *Eviota* with descriptions of eight new species (Teleostei: Gobiidae). *Smithson. Contrib. Zool.* 315:1-127.
- Lachner, E.A., and J.F. McKinney. 1978. A revision of the Indo-Pacific fish genus *Gobiopsis* with descriptions of four new species (Pisces: Gobiidae). *Smithson. Contrib. Zool.* 262, Washington, D.C.
- Lachner, E.A., and J.F. McKinney. 1980. New fish species of the genus *Vanderhorstia* (Teleostei: Gobiidae) from the Amirante Islands, Indian Ocean. *Proc. Biol. Soc. Wash.* 93(4):963-970.
- Lai, J.C.Y., and P.K.L. Ng. 2006. A new species of *Calappa* Weber, 1975 (Crustacea; Decapoda: Calappidae) from East and South Africa. *Zootaxa* 1358:39-48.
- Lazo-Wasem, E.A. and M.F. Gable. 2001. A revision of *Parhyalella* Kunkel (Crustacea: Amphipoda: Gammaridea). *Bull. Peabody Mus. Nat. Hist.* 46:1-80.
- Maddocks, R.F. 1968. Commensal and free-living species of *Pontocypria* Müller, 1894 (Ostracoda, Pontocyprididae) from the Indian and Southern oceans. *Crustaceana* 15(2):121-136.
- Maddocks, R.F. 1969a. Recent ostracodes of the family Pontocyprididae chiefly from the Indian Ocean. *Smithson. Contrib. Zool.* No. 7
- Maddocks, R.F. 1969b. Revision of recent Bairdiidae (Ostracoda). *U.S. Natl. Mus. Bull.* 296: 1-126.
- Maddocks, R.F. 1990. Living and fossil Macrocyprididae (Ostracoda). *Univ. Kansas Paleontol. Contrib. Monograph* No 2:1-285.
- Manning, R.B. 1967. Notes on the *demanii* section of the genus *Gonodactylus* Berthold with descriptions of three new species (Crustacea: Stomatopoda). *Proc. U.S. Natl. Mus.* 123(3618):1-27.
- Manning, R.B. 1969. A review of the genus *Harpisquilla* (Crustacea, Stomatopoda), with descriptions of three new species. *Smithson. Contrib. Zool.* 36: 1-41.
- Manning, R.B. 1978. Further observations on *Oratosquilla*, with accounts of two new genera and nine new species (Crustacea: Stomatopoda: Squillidae). *Smithson. Contrib. Zool.* 272:1-44.
- Manning, R.B., and A.J. Bruce. 1984. *Erythrosquilla megalops*, a remarkable new stomatopod from the Western Indian Ocean. *J. Crustac. Biol.* 4(2):329-332.

- Manning, R.B. and L.B. Holthuis. 1986. Preliminary descriptions of four new species of dorippid crabs from the Indo-West Pacific region (Crustacea: Decapoda: Brachyura). *Proc. Biol. Soc. Wash.* 99(2): 363-365.
- Matsunuma, M., and H. Motomura. 2016. *Chelidoperca stella*, a new species of perchlet (Perciformes: Serranidae) from the Andaman Sea, eastern Indian Ocean. *Zootaxa* 4092(3):388-400.
- Mead, G.W., and J.E. de Falla. 1965. New oceanic cheilodipterid fishes from the Indian Ocean. *Bull. Mus. comp. Zool.* 134(7):261-274.
- Mead, G.W., and I. Rubinoff. 1966. *Avocettinops yanoi*, a new nemichthyid eel from the southern Indian Ocean. *Breviora* No. 241, 6 p.
- Menon, A. G. K. 1977. A systematic monograph of the tongue soles of the genus *Cynoglossus* Hamilton-Buchanan (Pisces: Cynoglossidae). *Smithson. Contrib. Zool.* 238, Washington, D.C.
- Millar, R.H. 1988. Ascidians collected during the International Indian Ocean Expedition. *J. Nat. Hist.* 22:823-848.
- Mooi, R.D. 1995. Revision, phylogeny, and discussion of biology and biogeography of the fish genus *Plesiops* (Perciformes: Plesiopsidae). *Life Sciences Contributions* No. 159, Royal Ontario Museum
- Nafpaktitis, B.G. 1978. Taxonomy and distribution of the lanternfishes, genera *Lobianohia* and *Diaphus* in the Indian Ocean. *Bull. Los Angeles County Mus. Nat. Hist.* 30.
- Nafpaktitis, B.G., and M. Nafpaktitis. 1969. Lanternfishes (Family Myctophidae) collected during cruises 3 and 6 of the R/V "Anton Bruun" in the Indian Ocean. *Bull. Los Angeles County Mus. Nat. Hist. Sci.* 5:1-79
- Navas, D. 1969. *Halistaura bruuni* sp. nov. (Leptomedusae, Mitrocomidae) with notes on its distribution and ecology. *Mar. Biol.* 2:307-310.
- Nielsen, J.G. 1969. Systematics and biology of the Aphyonidae (Pisces, Ophidioidea). *Galathea Report* 10:7-90.
- Opresko, D.M. 1997. Review of the genus *Schizopathes* (Cnidaria: Antipatharia: Schizopathidae) with a description of a new species from the Indian Ocean. *Proc. Biol. Soc. Wash.* 110(2):157-166.
- Owens, J.M. 1994. *Letepsammia franki*, a new species of deepsea coral (Coelenterata: Scleractinia: Micrabaciidae). *Proc. Biol. Soc. Wash.* 107(4):586-590.
- Pawson, D.L., and T.H. Phelan. 1979. *Clypeaster kieri*, a new species of clypeasteroid (Echinodermata: Echinoidea) from off Bombay, India. *Proc. Biol. Soc. Wash.* 94(4):796-800
- Peter, G. 1974. On a new species of *Lopadorhynchus* (Pelagic Polychaeta) from the Indian Ocean. *Mahasagar: Bull. Natl. Inst. Oceanogr.* 7(1-2):95-96.
- Pettibone, M.H. 1997. Revision of the sigalionid species (Polychaeta) referred to *Psammolyce* Kinberg, 1856, *Pelogenia* Schmarda, 1861, and belonging to the subfamily Pelogeniinae Chamberlin, 1919. *Smithson. Contrib. Zool.* 581: 1-89.
- Ponder, W.F. 1984. A review of the genera of the *Iravadiidae* (Gastropoda: Rissoacea) with an assessment of the relationships of the family. *Malacologia* 25(1):21-71.
- Ponder, W.F., and E.H. Vokes E.H. 1988. A revision of the Indo-West Pacific fossil and Recent species of *Murex* s.s. and *Haustellum* (Mollusca: Gastropoda: Muricidae). *Rec. Aust. Mus. Suppl.* 8: 1-160.

- Poore, G.C.B. 1994. A phylogeny of the families of Thalassinidea (Crustacea: Decapoda) with keys to the families and genera. *Mem. Mus. Victoria* 54:79-120.
- Por, F.D. 1969. Deep-Sea Cerviniidae (Copepoda: Harpacticoida) from the Western Indian Ocean, Collected with R/V Anton Bruun in 1964. *Smithson. Contrib. Zool.* No. 29.
- Por, F.D. 1986. New deep-sea Harpacticoida (Copepoda) of Cletodid Type, collected in the Indian Ocean by R/V "Anton Bruun" in 1964. *Crustaceana* 50(1):78-98.
- Rehder, H.A. 1972. Further comments on deepwater Volutidae from off Southeast Africa, with descriptions of two new species of *Volutocorbis*. *The Veliger* 15 (1):11-14.
- Richards, W.J., and V.P. Saksena. 1977. Systematics of the gurnards, genus *Lepidotrigla* (Pisces, Triglidae), from the Indian Ocean. *Bull. Mar. Sci.* 27 (2): 208-222.
- Robertson, R. 1985. Archaeogastropod biology and the systematics of the genus *Tricolia* (Trochacea: Tricoliidae) in the Indo-West Pacific. *Monogr. Mar. Mollusca* 3:1-103.
- Rowe, F.W.E. 1977a. The status of *Nardoa* (*Andora*) A.M. Clark, 1967 (Asteroidea: Ophiasteridae), with the description of two new subgenera and three new species. *Rec. Aust. Mus.* 31(6):235-245.
- Rowe, F.W.E. 1977b. A new family of Asteroidea (Echinodermata) with the description of five new species and one new species of *Asterodiscides*. *Rec. Aust. Mus.* 31(5):187-233
- Salazar-Vallejo, S.I. 2017. Six new tropical sternaspid species (Annelida, Sternaspidae) with keys to identify genera and species. *Zool. Stud.* 56:e32.
- Sasaki, K. 1996. *Pennahia ovata*, a new sciaenid from the Bay of Bengal. *Ichthyol. Res.* 43(1):11-16.
- Schotte, M. 1995. *Gnathia arabica*, n.s. first record of a gnathiid from the Arabian Sea, and new records of isopods (Crustacea; Isopoda) from Pakistan in collections of the Smithsonian Institution. In: *The Arabian Sea, Living Resources and the Environment*, M.-F. Thompson & N. S. Tirmizi, eds. Vanguard Press: Lahore, Pakistan. 732 pages. Pp. 111-118.
- Schotte, M., and B. Kensley. 2005. New species and records of *Flabellifera* from the Indian Ocean (Crustacea: Peracarida: Isopoda). *J. Nat. Hist.* 39(16):1211-1282, DOI: 10.1080/00222930400005757
- Schultz, L.P. 1968. Four new species of the genus *Parapercis* with notes on other species from the Indo-Pacific area (family Mugiloididae). *Proc. U.S. Natl. Mus.* 124:1-16.
- Smith, J.L.B. 1965. New records and new species of fishes from South Africa, chiefly from Natal. *R.U. occ. Pap.* no. 4, p. 27-34
- Smith-Vaniz, W.F., and D. Johnson. 2016. Hidden diversity in deep-water bandfishes: review of *Owstonia* with descriptions of twenty-one new species (Teleostei: Cepolidae: Owstoniinae). *Zootaxa* 4187(1):1-103, DOI: <http://doi.org/10.11646/zootaxa.4187.1.1>
- Springer S. 1968. *Triakis fehlmanni*, a new shark from the coast of Somalia. *Proc. Biol. Soc. Wash.* 81:613-624.
- Springer, S. and J.D. D'Aubrey. 1972. *Oceanographic Research Institution Investigation Report*, Durban. No. 29:6
- Srinivasan, M., J. Kennett, and A.W. Bé. 1974. *Globorotalia menardii neoflexuosa* new subspecies from the northern Indian Ocean. *Deep-Sea Res. Oceanogr. Abstr.* 21(4):321-324.
- Starck, W.A., II. 1969. *Ecsenius (Anthioblennius) midas* a new subgenus and species of mimic blenny from the western Indian Ocean. *Not. Nat.* (419):1-9.

- Stein, D.L. 2005. Descriptions of four new species, redescription of *Paraliparis membranaceus*, and additional data on species of the fish family Liparidae (Pisces, Scorpaeniformes) from the west coast of South America and the Indian Ocean. *Zootaxa* 1019:1-25.
- Stephenson, W. 1967. The portunid crabs (Crustacea: Portunidae) collected by the Naga Expedition. *Naga Report, Scientific Results of Marine Investigations of the South China Sea and the Gulf of Thailand* 4(1): 1-37
- Stock, J. H. 1968. Pycnogonida collected by the *Galathea* and *Anton Bruun* in the Indian and Pacific Oceans. *Vidensk. Meddr dansk. naturh. Foren* 131:7-65.
- Stock, J.H. 1974. Medio- and infralittoral Pycnogonida collected during the I.I.O.E near the landbase on Nossi-Be, Madagascar. *Bulletin Zool Mus Univ Amsterdam* 4(3):11-22.
- Stock, J.H. 1994. Indo-West Pacific Pycnogonida collected by some major oceanographic expeditions. *Beaufortia* 44 (3):18-77.
- Taylor, F.J.R. 1976. Dinoflagellates from the International Indian Ocean Expedition. *Bibliotheca Botanica* 132:1-234.
- Tirmizi, N.M., and W. Javed. 1976. A new species of *Munida* from the Indian Ocean with a redescription of a syntype of *Munida spinulifera* Miers, 1884 (Decapoda, Galatheidea) *Crustaceana* 31(1):81-89.
- Tirmizi, N.M., and W. Javed. 1980a. Two new species and one new record of *Phylladiorhynchus* Baba from the Indian Ocean (Decapoda, Galatheidae). *Crustaceana* 39(3):255-262.
- Tirmizi, N.M., and W. Javed. 1980b. *Nanogalathea raymondi*, a new genus and species of Galatheidae (Decapoda, Anomura) from the Bay of Bengal. *Crustaceana* 38(2):127-130.
- Tirmizi, N.M., and W. Javid. 1992. Two new species of *Munida* Leach, 1820 (Decapoda, Anomura, Galatheidae) from the Indian Ocean. *Crustaceana* 62(2): 312-318.
- Tirmizi, N.M. and B. Khan. 1979. Two species of *Chirostylus* from the Indian Ocean with observations on the generic characters (Decapoda, Chirostylidae). *Crustaceana* Suppl. 5:77-88.
- Tomiyama, S., M. Takami, and A. Fukui. 2017. A new deepwater assfish, *Bassozetus mozambiquensis* sp. nov. (Ophidiiformes: Ophidiidae), from the western Indian Ocean. *Ichthyol. Res.* 64:13–17.
- Tyler, J.C. 1966a. A new genus and species of triacanthodid fish (Plectognath) from the Indian Ocean. *Not. Nat.* Number 365.
- Tyler J.C. 1966b. A new species of serranoid fish of the family Anthiidae from the Indian Ocean. *Not. Nat.* Number 389.
- Urban, E.R., Jr. 2019a. Sampling Stations for the R/V Anton Bruun as part of the U.S. Program in Biology, International Indian Ocean Expedition. <https://udspace.udel.edu/handle/19716/24050>.
- Urban, E.R., Jr. 2019b. Sampling Stations for the R/V Te Vega as part of the U.S. Program in Biology, International Indian Ocean Expedition. <https://udspace.udel.edu/handle/19716/24094>.
- van Ofwegen, L.P. 1987. Melithaeidae (Coelenterata: Anthozoa) from the Indian Ocean and the Malay Archipelago. *Zool. Verh. Leiden* 239:1-57.
- van Ofwegen, L.P. 1990. Notes on the Keroeididae (Anthozoa: Gorgonacea) collected in 1963 and 1964 by the International Indian Ocean Expedition of the R/V 'Anton Bruun', in the Indian Ocean, with the description of a new species, *Lignella hartogi*. *Zool. Meded. Leiden*. 63(13):163-168.

- Verseveldt, J. 1968. Preliminary note on some new Octocorallia from Madagascar. *Koninkl. Nederl. Akademie van Wetenschappen - Amsterdam, Proceedings Ser. C.* 71(1):52-59.
- Verseveldt, J. and F.M. Bayer. 1988. Revision Of The genera *Bellonella*, *Eleutherobia*, *Nidalia* and *Nidaliopsis* (Octocorallia: Alcyoniidae And Nidalliidae), with descriptions of two new genera. *Zool. Meded.* 245:1-131.
- Verseveldt, J. and L.P. van Ofwegen. 1991. Five new species of the genus *Dendronephthya* Kukenthal, 1905, (Octocorallia: Nephtheidae) from the Indian Ocean. *Zool. Meded.* 65(10):155-169.
- Verseveldt, J. and L.P. van Ofwegen. 1992. New and redescribed species of *Alcyonium* Linnaeus, 1758 (Anthozoa: Alcyonacea). *Zool. Meded.* 66(7):155-181.
- Werding, B. 2001. Description of two new species of *Polyonyx* Stimpson, 1858 from the Indo-West Pacific, with a key to the species of the *Polyonyx sinensis* group (Crustacea: Decapoda: Porcellanidae). *Proc. Biol. Soc. Wash.* 114:109-119.
- Whitehead, P.J.P. 1967. Indian Ocean anchovies collected by the *Anton Bruun* and *Te Vega*, 1963-1964. *J. Mar. Biol. Ass. India* 9(1):13-37
- Williams, J.F. 1984. Studies on *Echiodon* (Pisces: Carapidae), with description of two new Indo-Pacific species. *Copeia* 1984 (2):410-422.
- Williams, J.T. 1988. Revision and phylogenetic relationships of the blennioid fish genus *Cirripectes*. *Indo-Pac. Fish* 17:1-78.
- Winterbottom, R. 1979. A new genus and species of the Family Congrogadidae (Pisces: Perciformes) from the Western Indian Ocean. *Bull. Mar. Sci.* 29(3):298-302.
- Winterbottom, R. 1980. Two new species of the Congrogadidae (Pisces:Perciformes) from the Indo-West Pacific. *Copeia* 1980(3):396-402.
- Winterbottom, R. 2001. Two new gobioid fish species in *Trimma* and *Trimmatom* (Teleostei: Gobiidae) from the Indian and Western Pacific Oceans. *J. Ichthyol. Aquat. Biol.* 5(1):19-24
- Wynne, M.J. 1993. Benthic marine algae from the Maldives, Indian Ocean, collected during the R/V *Te Vega* Expedition. *Cont. Univ. Michigan Herbarium* 19 (0):5-30.
- Young R.E., M. Vecchione and C.F.E. Roper. 2007. A new genus and three new species of decapodiform cephalopods (Mollusca: Cephalopoda). *Rev. Fish. Biol. Fish.* 17(2-3):353-365.