

SOFT BOTTOM INVERTEBRATES OF THE PORTUGUESE BENTHOS

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ABSTRACT

This synthesis describes the soft bottom benthos from 16 locations within Portugal. A total of 1115 species are listed, of which 30% are annelids, 29% crustaceans, and 22% molluscs. A very brief summary of methods and results from these benthic studies is provided.

Key words: Benthos, invertebrates, soft bottom, Portuguese coast

RESUMO

INVERTEBRADOS BENTÓNICOS DE SUBSTRATO MÓVEL DA COSTA PORTUGUESA

O presente trabalho constitui uma síntese dos resultados obtidos, por vários autores portugueses, referentes à fauna bentónica de substrato móvel da costa portuguesa. Foram identificadas 1115 espécies, das quais 30% pertencem aos Anelídeos, 29% aos Crustáceos e 22% aos Moluscos.

Palavras chave: Bentos, invertebrados, substrato móvel, costa portuguesa.

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INTRODUCTION

Many of the benthic studies conducted along the Portuguese coast are in student reports, reports to governmental agencies, and communications at Portuguese scientific meetings, making access to and even knowledge of the existence of such studies difficult. The purpose of this paper is to provide a brief review of the study sites and methods, and a list of the invertebrate fauna recently recorded from soft bottom substrates in Portugal.

METHODS AND RESULTS

During the past 15 years, the benthic fauna has been sampled at 16 soft bottom habitats along the Portuguese coast (Fig. 1). The cumulative species list of invertebrates (Tab. 1) includes 1115 species, but organisms identified only to generic level are not included. A description of study sites and specific methods of collection follows.

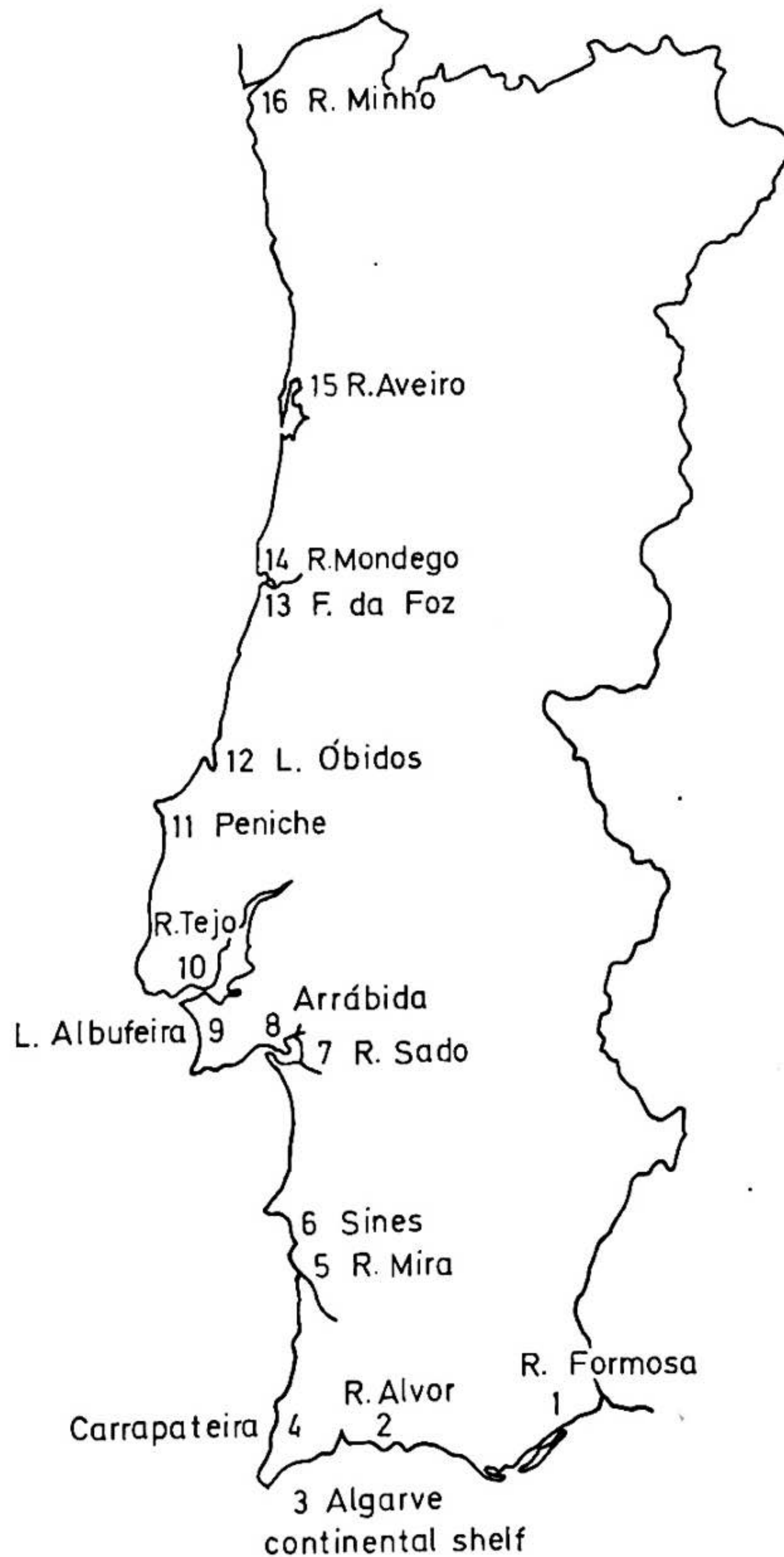


Figure 1. Location of soft bottom benthic studies.

1. Ria Formosa, Algarve

Samples were collected throughout 1984 across 10 transects within the Ilha de Tavira area (Costa *et al.*, 1986; Reis *et al.*, in press). Plastic sediment cores were used to sample the intertidal while a Foster dredge and a Van Veen grab were used to sample the subtidal. A total of 318 species were found at 123 faunal stations. Sediment analysis is available for 130 stations.

2. Ria de Alvor

In 1985 a Ponar grab was used to sample 36 subtidal stations, and 17 intertidal locations were sampled to a depth of 0.15 m (Quintino *et al.*, 1986b; Quintino and Rodrigues, 1989; Rodrigues and Dauvin, 1987; Rodrigues and Quintino, in press). The fauna included 133 species of annelids, molluscs, and peracaridan crustaceans. Dendrograms examine species associations within major taxa and their relationship to sediment structure.

3. Algarve continental shelf

From May 1977 through November 1982 a Van Veen grab was used at 291 benthic stations off the east and south Algarve coast (Marques, 1987). Depth varied from 8 to 348 m. Measurement of physical, chemical and geological parameters was included. Five biological associations were identified: subtidal sands, coastal detritus, detrital plains, muddy coastal detritus, and deep muds. The autecology of dominant species and zoogeographic relationships are presented.

4. Ribeira da Carrapateira

From 1981 to 1986 12 subtidal stations were studied (Fonseca and Magalhães, 1987) and 155 species collected. Faunal associations and associated abiotic parameters are discussed.

5. Rio Mira

The subtidal benthos of Mira was sampled from April 1983 through January 1986 using a Van Veen grab (Andrade, 1986). From 105 stations a total of 151 species were collected. Data include measurement on physical, chemical, and geological parameters. Principal component analysis of sediment structure and biological associations are presented.

6. Sines

Quarterly samples during 1981 to 1982 from 4 intertidal and 5 subtidal stations were made using a sediment core and air lift dredge respectively (Saldanha, 1983). A total of 56 species were associated with soft sediments.

7. Rio Sado

A survey of 70 subtidal stations using a Van Veen grab was done in February of 1979 (Fonseca *et al.*, 1987). A total of 250 species were collected. Relationships between the macrofauna and the sediment are discussed. A 1982 study using a Van Veen grab in the subtidal near the thermoelectric plant in Setúbal provided physico-chemical measurements, sediment analysis, and a list of 90 species (Rodrigues, 1982). Intertidal collections using a plastic coring tube were taken from 4 sandy locations within the Sado during 1983 and 1984 (Gamito, 1983; Costa *et al.*, 1984; Costa, 1986). Physico-chemical measurements, sediment analysis, and benthic community structure are presented.

8. Portinho da Arrábida

A comparison of the fauna collected using a Van Veen grab versus an underwater vacuum lift was made during 1984 (Borges, 1984). Two coastal subtidal sand stations were examined and a total of 185 species were collected. Community structure determined with each of the methods is presented.

9. Lagoa de Albufeira

During September 1984, 50 subtidal stations at depths of 0.5 to 14 m were sampled using a Rallier du Baty dredge or a Ponar grab (Rodrigues and Dauvin, 1985; Quintino *et al.*, 1986a; Quintino and Gentil, 1987; Quintino *et al.*, 1987, Quintino and Rodrigues, 1989). Among 42,235 individuals a total of 126 species were represented. Correspondence analysis of the macrobenthic community suggested three major faunal associations: a marine assemblage on coarse clean sand, a transition assemblage with two subgroups found in mixed sediments, and a lagoon assemblage with two subgroups.

10. Rio Tejo

Between 1979 and 1981, 68 intertidal stations were sampled (Calvário, 1982). Six distinctive habitats were identified: salt marsh, compact black mud, sandy mud, muddy sand, and sand. A total of 108 species were identified. Measurements of physical and chemical factors were included.

11. Peniche

In 1979–1980 intertidal and subtidal soft bottom surveys were made at 4 localities along the littoral eastern coast from Cabo Carvoeiro to Ponta do Surdão (Reis *et al.*, 1982). Intertidal samples were collected using a benthic core while divers used an air lift dredge to sample at depths of 10, 15, 20 and 30m in the subtidal. A total of 144 species was collected.

12. Lagoa de Óbidos

Lagoa de Óbidos was sampled from February 1984 through December 1986 (Quintino *et al.*, 1989; Quintino and Rodrigues, 1989). From 57 benthic stations, a total of 68,157 individuals and 119 species were collected. Subtidal samples were taken with a Rallier du Baty dredge. Physical and chemical parameters were measured, and sediment analyses performed. Correspondence analysis showed three main faunal associations within the lagoon: a marine community on clean coarse unstable sand (4% of area) characterized by low density and low species richness, a transition assemblage on slightly silty medium sand (11% of area) with highest species richness, and a lagoon community associated with fine muds (85% of bottom) with highest density of organisms.

13. Figueira da Foz

In April and May 1986, 19 subtidal stations at depths of 5 to 40 m were sampled with the use of a Smith McIntyre grab and 71 intertidal stations with a benthic core (Rodrigues and Quintino, 1987, 1988). A total of 29 intertidal species and 130 subtidal species were found among 3,654 individuals. Correspondence analysis identified two subtidal faunal groups, one associated with fine sand and the other with coarse sediments. Physical, chemical, and sediment parameters were also measured.

14. Rio Mondego

In December 1985 and June 1986 the intertidal benthos of the Rio Mondego was sampled (Marques *et al.*, 1988a, Marques *et al.*, 1988b; Marques and Guilhermino, 1988). Physical, chemical, and geological factors were also measured. A total 81 species of benthic invertebrates were identified from mobile and rocky substrates.

15. Ria de Aveiro

Quarterly sampling of 19 subtidal stations with a Van Veen grab and 21 intertidal stations with a Birge-Ekman grab was done during 1985 through 1986 (Moreira *et al.*, 1988). A preliminary species list identifies 106 species from the Canal de Mira. Physical, chemical, and sedimentary data were also collected.

16. Rio Minho

Monthly samples of the intertidal macrobenthos were made during 1982 using a benthic core (Weber, 1985, 1988) in an ecosystem study of Rio Minho. The major emphasis of this study was on benthic and demersal fish, with special attention to *Anguilla anguilla*, however, 29 species of benthic invertebrates were collected. Additional parameters investigated include biomass, water chemistry, and sediment analysis.

CONCLUSION

The soft bottom sediments along the Portuguese coast support a diverse and widely distributed invertebrate fauna.

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Table 1 — Invertebrates of the Soft Bottom Benthos of Portugal

1 Ria Formosa, 2 Ria de Alvor, 3 Algarve continental shelf, 4 Carrapateira, 5 Rio Mira, 6 Sines, 7 Rio Sado, 8 Portinho da Arrábida, 9 Lagoa de Albufeira, 10 Rio Tejo, 11 Peniche, 12 Lagoa de Obidos, 13 Figueira da Foz, 14 Rio Mondego, 15 Ria de Aveiro, 16 Rio Minho.

PROTOZOA-1 species
Minacina miniacea (Linnaeus) Foraminifera-3,6,7
 PORIFERA-15 species
Anchinoe paupertas (Bowerbank, 1866)-3
Anchinoe fictitius (Bowerbank, 1866)-3
Axinella damicornis (Esper, 1794)-3
Axinella vacaleti Pansini, 1983-3
Ciocalyptra penicillus Bowerbank, 1864-
Cliona viridis (Schmidt, 1862)-3
Dysidea fragilis (Montagu, 1814)-3
Dysidea pallescens (Schmidt, 1862)-3
Erylus discophorus (Schmidt, 1862)-3
Hymeniacion sanguinea (Grant)- 10
Laxosuberites ferrerhernandezii Boury-Esnault and Lopes-3
Petrosia ficiformis Poiret, 1789-3
Phakellia ventilabrum (Johnston, 1842)-3
Prosuberites epiphytum (Lamarch, 1816)-3
Reniera cf. arenata Griessinger, 1971-3
 CNIDARIA-37 species
 Hydrozoa-15 species
Aglaophenia pluma (Linnaeus, 1758)-3
Antenella secundaria (Gmelin, 1791)-3
Campanularia volubilis Linnaeus, 1758-3
Clytia johnstoni (Alder, 1856)-7
Eudendrium rameum Pallas, 1766 -7
Halecium beani (Johnston, 1838)-3
Hebella parasitica (Ciamician, 1880)-7
Laomedea geniculata Linnaeus, 1758-3
Laomedea flexuosa Alder-10
Mimosella gracilis (Sas, 1851)-7
Nemertesia antennina (Linnaeus, 1758)-7
Sertularella polyzonias (Linnaeus, 1758)-3
Tubularia larinx Ellis and Solander, 1786-7
Veleva veleva (Linnaeus)-13
Ventroma halecioides (Alder, 1859)-3
 Anthozoa-22 species
Actinia equina Linnaeus -10
Anemonia sulcata (Pennant, 1777)-7
Calliactis parasitica (Couch, 1838)-7
Caryophyllia smithii Stokes and Broderip, 1828-3
Cereus pedunculatus (Pennant)-7
Cerianthus loydii Gosse-7
Cerianthus membranaceus (Spall.)-7
Coenocyathus cylindricus M. Edwards and Haime, 1848-3
Corallium rubrum (Linnaeus, 1758)-3
Eunicella verrucosa Verrill, 1869-3
Flabellum chunii Marenzeller, 1904-3
Funiculina quadrangularis (Pallas)-3
Lophogorgia lusitanica (Stiasny, 1937)-3
Paracyathus pulchellus (Philippi, 1842)-3
Paramuricea grayi (Johnson)-3
Parazoanthus axinellae (Schmidt, 1862)-6

- Pennatula phosphorea* Linnaeus, 1758-3
Pteroides griseum (Bohadsch)-3
Sphenotrochus andrewianus Milne Edwards and Haime, 1848-3
Virgularia mirabilis ? (Muller)-3, 7
Lophogorgia lusitanica (Stiasny, 1937)-7
Veretillum cynomorium (Pallas, 1765)-7
 PLATYHELMINTHES-2 species
Oligocladus sanguinolentus ? (Quatrefages)-7
Dugesia polychroa (Schmidt)-4
 NEMERTINA:unidentified
 NEMATODA-8 species
Choanolaimus cf. *psammophilus* De Man-4
Desmoscolex cf. *minutus* Claparède-4
Dorylaimus carteri Bastian-4
Dorylaimus filiformis Bastian-4
Leptosomatium elongatum Bastian-4
Mermis albicans Sleb.-4
Mermis nigrescens Dujardin-4
Tilobus cf. *gracilis* Bastian-4
 BRYOZOA-49 species
Arthropoma ceciliae (Audouin, 1826)-3
Beania hirtissima (Heller, 1867)-6
Bugula neritina (Linnaeus)-1
Bugula stolonifera ? (Ryland)-3
Buskea dichotoma (Hinck, 1862)-3
Caberea boryi (Audouin, 1826)-3
Cellaria fistulosa ? (Linnaeus)-3
Cellaria sinuosa ? (Hassall, 1840)-3
Cellepora pumicosa Hincks-6
Celleporella hyalina (Linnaeus, 1767)-4
Celleporina hassalii (Johnston, 1847)-3
Cheiloporina circumcincta (Neviani, 1896)-3
Conopeum seurati (Canu)-4
Cribrilaria venusta (Canu and Bassler, 1925)-3
Crisia cf. *ramosa* Harmer, 1891-3
Cryptosula pallasiana (Moll)-1,4
Electra crustulenta (Pallas)-4
Entalophoroecia cf. *deflexa* (Couch, 1844)-3
Entalophoroecia robusta Harmelin, 1976-3
Escharioides coccinea (Abildgaard, 1806)-3
Fenestulina malusii (Audouin, 1826)-3
Flustrella hispida (Fabricius)-3
Haplopoma graniferum (Johnston)-4
Harmerella dichotoma (Hincks, 1862)-3
Harmerella nitida (Heller, 1867)-3
Hippoporina pertusa (Esper, 1796)-3
Hippothoa flagellum Manzoni, 1870-3
Idmidronea atlantica (Forbes)-3
Lichenopora hispida Fleming-3
Membranipora arborescens (Canu and Bassler, 1928)-3
Microporella ciliata (Pallas, 1766)-3
Myriopora truncata (Pallas, 1766)-3
Omalosecosa ramulosa (Linnaeus, 1767)-3
Pentapora foliacea (Ellis and Solander, 1786)-3
Plagioecia dorsalis (Waters, 1879)-3
Plagioecia patina (Lamarck, 1816)-3
Plagioecia sarniensis (Norman, 1864)-3

- Porella cervicornis* (Pallas, 1766)-3
Schizomavella linearis (Hassall, 1841)-3
Schizomavella mamillata (Hincks, 1880)-3
Schizotheca fissa (Busk, 1856)-3
Scrupocellaria cf. *scruposa* (Linnaceus, 1758)-3
Setosellina capriensis (Waters, 1926)-3
Tryptostega venusta (Norman, 1864)-3
Tubulipora liliacea (Pallas, 1766)-3
Turbicellepora armata (Hincks, 1860)-3
Turbicellepora avicularis (Hincks, 1862)-3
Turbicellepora cantabra (Barroso, 1919)-3
Zoobotryon verticillatum (Delle Chiaje)-1
 PHORONIDA-1 species
Phoronis psammophila Cori-9, 12
 BRACHIOPODA-2 species
Megerlia truncata (Linnaeus)-3
Terebratulina retusa -3
 ECHINODERMATA-54 species
 Asteroidea-5 species
Astropecten aranciacus (Linnaeus, 1758)-3, 8
Astropecten irregularis Koehler, 1909-3, 11
Astropecten plathyacanthus (Philippi, 1837)-3, 6
Luidia sarsi Düben-Køren, 1846-3
Tethyaster subinermis (Philippi, 1837)-3
 Crinoidea-3 species
Antedon bifida (Pennant, 1777)-3
Leptometra celtica (Barrett and McAndrew, 1858)-3
Leptometra phalangium (Muller, 1841)-3
 Echinoidea-12 species
Arbacia lixula (Linnaeus)-1
Brissopsis lyrifera (Forbes, 1841)-3
Echinocardium cordatum (Pennant, 1777)-1, 5, 6, 7, 9, 11, 13
Echinocardium flavescens (Muller, 1776)-3, 6, 8
Echinocardium mediterraneum (Forbes, 1844)-1, 13
Echinocyamus pusillus (Muller, 1776)-3, 6, 7, 8
Echinus melo Lamarck, 1816-3
Genocidaria maculata (Agassiz) -1
Psammechinus microtuberculatus (Blainville, 1825)-3, 5, 6
Psammechinus miliaris (Gmelin)-7, 12
Paracentrotus lividus (Lamarck, 1816)-7, 9, 12
Spatangus purpureus (Muller, 1776)-3
 Holothuroidea-13 species
Cucumaria kirschbergi Heller, 1868-3, 7
Labidoplax digitata (Montagu, 1815)-3
Leptosynapta inhaerens (Muller, 1776)-9
Ocnus petiti (Cherbonnier, 1958)-3
Phyllophorus urna (Grube, 1840)-3
Pseudothyone raphanus (Düben-Køren, 1844)-3
Stichopus regalis (Cuvier, 1817)-3
Thyone fusus (Müller, 1788)-3
Thyone gadeana Perrier, 1902-3
Thyone (Havelockia) *inermis* ? Heller, 1868 -3
Thyone roscovita Hérouard, 1890-3
Trachythyone elongata (Düben-Køren, 1844)-3
Trachythyone tergestina (M.Sars, 1857)-3
 Ophiuroidea-21 species
Acrocnida brachiata (Montagu, 1804)-1, 3, 6, 9, 11, 13

- Amphipholis squamata* Delle Chiaje, 1828-1, 3, 5, 6, 7, 9
Amphiura chiagei Forbes, 1843-3, 7
Amphiura filiformis (Müller, 1776)-3, 6, 7
Amphiura incana Lyman, 1879-3
Amphiura securigera Düben-Køren, 1846)-3, 6
Astrospartus mediterraneus (Risso, 1826)-3
Ophiacantha setosa (Retzius, 1805)-3
Ophiactis balli (Thomson, 1840)-3, 6
Ophiocumina nigra (Abildgaard)-3, 7
Ophioconis forbesi (Heller, 1863)-3
Ophiopsila annulosa (M. Sars, 1857)-3, 6
Ophiopsila aranea Forbes, 1843-3, 9
Ophiopsila guineensis Koehler, 1914-3
Ophiothrix fragilis (Abildgaard)-3, 6, 7, 11
Ophiothrix quinquemaculata ? (Delle Chiaje, 1828)-3
Ophiura albida Forbes, 1839-3, 6, 7
Ophiura grubei Heller, 1863-3, 8
Ophiura ophiura (Linnaeus, 1758)-3
Ophiura texturata Lamarck-6
Ophiomangae pentagoma -1
 CHORDATA-9 species
 UROCHORDATA-8 species
Ciona intestinalis (Linnaeus)-9, 12
Heterostigma separ Årnäck-Christie-Linde, 1924-3
Micocosmus vulgaris Heller, 1877-3
Molgula occulata Kupffer, 1875-3
Polycarpa pusilla Herdman, 1883-3
Pyura microcosmus (Savigny, 1816)-3
Styela partita Stimpson, 1852-3
Synoicum diaphanum Sluiter, 1927-3
 CEPHALOCHORDATA-1 species
Amphioxus lanceolatus (Pallas, 1778)-3, 8, 9, 12, 13
 ECHIURA:(not identified)
 SIPUNCULOIDEA-12 species
Aspidosiphon mülleri Diesing, 1851 -1, 3, 7, 8
Aspidosiphon cf. kovalevskii Murina, 1964-3
Golfingia (Nephasoma) abyssorum (Køren and Danielssen, 1876)-3
Golfingia (Thysanocardia) catherinae Müller -3
Golfingia elongata (Keferstein, 1862)-3
Golfingia margaritacea (Sars, 1851)-3
Golfingia vulgaris (Blainville, 1827)-3
Onchnesoma streenstrupii Køren and Danielssen, 1876-3
Phascolion strombi (Montagu, 1804)-1, 3, 6
Phascolosoma granulatum Leuckart, 1828-7
Phascolosoma minutum (Keferstein, 1862)-3
Sipunculus nudus Linnaeus, 1766-1, 7, 8
 MOLLUSCA-251 species
 Polyplacophora-6 species
Acanthochiton communis (Risso, 1826)-1, 5
Acanthochiton fascicularis (Linnaeus, 1767)-1, 2, 3, 5, 12
Chaetopleura angulata (Spengler, 1797)-1, 7
Chiton olivaceus Spengler-7
Lepidochiton cancellatus (Sowerby, 1839)-3, 6, 12, 14
Lepidochitona cinereus (Linnaeus, 1769)-1, 5, 6, 7, 15
 Gastropoda-Prosobranchia-74 species
Acmaea virginea (Müller, 1776) F. Acmaeidae-7
Aporrhais pespelecani (Linnaeus, 1758) F. Aporrhaidae-3

- Cantharidus striatus* (Linnaeus) F. Buccinidae-11
Caecum imperforatum (Kanmacher) F. Caecidae-3
Calyptrea chinensis (Linnaeus, 1758) F. Calyptraeidae-1, 2, 3, 6, 7, 9, 12
Bittium reticulatum (Da Costa, 1778) F. Cerithiidae-1, 2, 3, 5, 9, 11, 12, 13
Cerithium rupestre Risso, 1826-3
Cerithium vulgatum Bruguière, 1792-1, 2, 14
Conus mediterraneus Bruguière F. Conidae- 1
Charonia lampas (Lamarck) F. Cymatiidae-3
Ranella olearium (Lamarck)-3
Epitonium clathratulum (Kanmacher, 1797) F. Epitoniidae-9
Epitonium clathrus (Linnaeus)-12
Epitonium pulchellum (Bivona, 1832)-1
Melanella polita (Linnaeus, 1758) F. Eulimidae-3
Diodora apertura (Montagu) F. Fissurellidae-7
Hydrobia acuta (Draparnaud, 1905) F. Hydrobiidae-2,9
Hydrobia ulvae (Pennant, 1777)-2, 4, 5, 9, 10, 12, 13, 14, 15, 16
Hydrobia ventrosa (Montagu, 1803)-12
Potamopyrgus jenkinsi (Smith) -4, 10, 15, 16
Littorina littorea (Linnaeus, 1758) F. Littorinidae-5, 10, 12, 14
Littorina neritoides (Linnaeus)-14
Littorina saxatilis (Olivi)- 14
Mangelia (Cyathura) *powisiana* (Dautzenberg) F. Mangeliidae-8
Mangelia striolata -11
Philbertia linearis (Montagu)-1, 2, 6
Murex brandaris Linnaeus F. Muricidae-1, 7
Murex (*Trunculariopsis*) *trunculus* (Linnaeus, 1758)-1, 14
Ocenebra edwardsii (Payraudeau, 1826)-1
Ocenebra erinacea (Linnaeus, 1758)-1
Ocenebrina aciculata (Lamarck)-8
Cyclope neritea (Linnaeus, 1758) F. Nassariidae-1, 2
Nassarius (*Hinea*) *costulata* (Renieri, 1804)-3
Nassarius denticulata (Adams, 1851)-3
Nassarius (*Nassa*) *incrassatus* (Müller, 1776)-1, 2, 3, 6, 7, 8
Nassarius (*Sphaeronassa*) *pfeifferi* (Linnaeus)-1, 2
Nassarius pygmaeus (Lamarck, 1822)-9
Nassarius (*Nassa*) *reticulatus* (Linnaeus, 1758)-1, 2, 3, 5, 7, 9, 11, 12, 13, 14, 15, 16
Lunatia (*Natica*) *catena* (Da Costa) F. Naticidae-1, 5, 13
Lunatia fusca (Blainville, 1826)-1, 2, 3, 5
Lunatia poliana (Delle Chiaje)-3, 6, 11
Lacuna vincta ? (Montagu)-10
Natica alderi Forbes, 1838-2, 13
Naticarius intricantoides (Hidalgo, 1873)-1, 2
Simnia spelta (Linnaeus, 1758) F. Ovulidae-3
Patella aspera Röding, 1798 F. Patellidae-14
Patella lusitanica Gmelin-14
Tricolliia pullus (Linnaeus) F. Phasianellidae-4
Ringicula auriculata (Ménard, 1811) F. Ringiculidae-1, 3, 6
Alvania cf. *cancelata* (Da Costa) F. Rissoidae-11
Rissoa labiosa (Montagu, 1803)-9, 12
Rissoa membranacea (Adams)-14
Rissoa parva (Costa)-13, 14
Nucella lapillus Linnaeus 1758 F. Thaididae-6, 14
Calliostoma conulum (Linnaeus, 1758) F. Trochidae-3
Calliostoma granulatum (Born, 1778)-3
Calliostoma laugierii (Payraudeau)-1
Calliostoma ziphyphinum (Linnaeus, 1758)-5
Gibbula ardens (Monterosoto)-1

- Gibbula cineraria* (Linnaeus)-12
Gibbula fanulum (Gmelin, 1790)-3
Gibbula pennanti (Philippi, 1836)-9, 12
Gibbula umbilicus (Linnaeus, 1758)-2, 7, 12, 14
Jujubinus arquistriatus -1
Jujubinus striatus (Linnaeus, 1758)-3
Monodonta lineata (Da Costa)-1
Monodonta cf. *mutabilis* (Philippi, 1846)-2
Bela nebula (Montagu, 1803) F. Turridae-13
Mesalia brevisalis (Lamarck, 1822) F. Turritelidae-1
Turritella communis Risso, 1826-2, 8
 Opisthobranchia- 13 species
Acteon tornatilis (Linnaeus)-6, 11, 13
Akera bullata Müller, 1776-9, 12
Aplysia rosacea -11
Bulla striata Bruguière -5, 7
Cadlina laevis (Linnaeus, 1767)-1
Chrysallida spiralis (Montagu) F. Pyramidellidae -11
Chrysallida terebellum (Philippi, 1844)-12
Cylichna cylindracea (Pennant, 1777)-8, 11, 13
Discodoris (Anisodoris) planata Alder and Hancock -1
Elysia viridis (Montagu)-1
Haminoea hydatis (Linnaeus, 1758)-1, 9, 14
Haminoea navicula (Da Costa, 1778)-2, 9, 12, 15
Odostomia unidentata (Montagu)-14
Philine aperta (Linnaeus)-3, 7, 8
Scaphander lignarius (Linnaeus, 1758)-3
Turbonilla elegantissima (Montagu, 1853)-9, 12
 Pulmonata-13 species
Acroloxus lacustris (Linnaeus)-4
Ancylus fluviatilis Müller-4
Bithynia tentaculata (Linnaeus)-4, 15, 16
Leucophytia bidentata (Montagu)-10
Lymnaea peregra (Müller)-4, 15
Physa acuta Draparnaud-4, 10
Physa fontinalis (Linnaeus)-4, 15, 16
Physa heterostropha (Say)-4
Phytia myosotis (Draparnaud)-10
Radix peregra cf. *ovata* (Draparnaud)-16
Valvata cristata Müller-15
Valvata macrostoma Steembuch-15
Valvata piscinalis (Müller)-15, 16
 Bivalvia-142 species
Anomia ehippium Linnaeus, 1758 F. Anomiidae-1, 2, 3, 5, 7, 9
Heteranomia squamula (Linnaeus)-67
Monia patelliformis (Linnaeus)-3, 6
Monia squama (Gmelin)-3
Arca diluvii Lamarck, 1819 F. Arcidae-3
Arca lactea Linnaeus, 1758-5, 6, 7
Arca pectunculoides Scacchi-7
Arca pulchella (Reeve)-3
Arca tetragona Poli-7
Arcopagia crassa (Pennant, 1777)-5
Striarca lactea (Linnaeus, 1758)-3
Astarte fusca (Poli, 1785) F. Astartidae-3
Digitaria digitaria (Linnaeus, 1758)-6, 8
Cardita calyculata (Linnaeus, 1758) F. Carditidae-6, 7

- Cardita trapezia* (Linnaeus)-8
Acanthocardia echinata (Linnaeus, 1758) F. Cardiidae-1, 3, 6
Acanthocardia paucicostata (Sowerby, 1839)-7
Acanthocardia tuberculata (Linnaeus, 1758)-7
Cerastoderma edule (Linnaeus, 1758)-1, 2, 3, 5, 7, 9, 10, 12, 14, 15, 16
Cerastoderma lamarcki (Reeve)-5
Laevicardium crassum (Gmelin)-12
Laevicardium norvegicum (Spengler, 1790)-3
Parvicardium exiguum (Gmelin)-1, 6, 7, 9
Parvicardium ovale (Sowerby, 1844)- 1, 3, 6
Parvicardium papillosum (Poli)-1, 5, 6, 7, 8, 11
Parvicardium scabrum (Philippi, 1844)-1
Corbicula fluminea F. Corbulidae-10
Corbula gibba (Olivi, 1972)-1, 3, 5, 6, 7, 8, 9, 12
Donax trunculus Linnaeus, 1758 F. Donacidae-1, 2, 6, 9, 11, 12
Donax variegatus Gmelin-6, 8
Donax vittatus (Da Costa, 1778)-1, 5, 6, 9, 11, 12
Scacchia ovata Philippi, 1844 F: Erycinidae-1
Scacchia zomi Van Aartsen and Fehr-de-Wal, 1985-2
Barnea candida (Linnaeus, 1758) F. Pholadidae-5, 7, 15
Barnea sebetia -1
Gastrochaena (Rocellaria) dubia (Pennant) F. Gastrochaenidae-7
Glycymeris glycymeris (Linnaeus, 1758) F. Glycymerididae-13
Hiatella arctica (Linnaeus, 1776) F. Hiatellidae-1, 3, 4, 6, 7, 11
Hiatella rugosa (Linnaeus, 1767)-3
Kellia suborbicularis (Montagu, 1803) F. Kelliidae- 1
Hemilepton nitidum (Turton, 1822) F. Leptonidae-2
Lima subauriculata (Montagu, 1808) F. Limidae-3
Lima loscombi (Sowerby, 1820)-3, 6
Divaricella (Lucinella) divaricata (Linnaeus, 1758) F. Lucinidae-3, 5, 6, 9
Loripes lacteus (Linnaeus, 1758)-1, 2, 5, 7, 12
Lucinoma borealis (Linnaeus, 1765)-2, 5
Lyonsia norvegica (Chemnitz, 1788) F. Lyonsiidae-3
Lutraria angustior Philippi, 1844 F. Mactridae-1, 6
Lutraria lutraria (Linnaeus, 1758)-6, 7, 9, 11, 12
Mactra corallina (Linnaeus, 1768)-3, 6, 8, 9, 11, 12, 13
Mactra glauca Born, 1863-9
Spisula elliptica Brown 1827-6
Spisula ovalis (Sowerby, 1817)-9
Spisula solida (Linnaeus, 1758)-1, 2, 3, 5, 6, 7, 11, 12, 15
Spisula subtruncata (Da Costa, 1778)-2, 6, 9, 12
Ervilia castanea (Montagu, 1859) F. Mesodesmatidae-9, 12
Mesodesma (Donacilla) cornea (Poli, 1795)-1, 2
Montacuta ferruginosa (Montagu, 1808) F. Montacutidae-1, 2, 6, 7, 11, 13, 14
Mysella bidentata (Montagu, 1803)-2, 9, 13, 15
Mya arenaria Linnaeus F. Myiidae -7
Sphenia binghami Turton-1, 3
Adula simpsoni (Marshall) F. Mytilidae-1
Modiolus adriaticus (Lamarck, 1819)-1, 6, 8
Modiolus barbatus (Linnaeus, 1758)-1, 2, 5, 6, 7, 11
Modiolus modiolus (Linnaeus, 1758)-1, 4, 6, 7, 11
Modiolus phaseolinus (Philippi, 1833)-3
Musculus costulatus (Risso, 1826)-9
Musculus marmoratus (Forbes, 1838)-4, 5, 6
Mytilaster minimus (Poli, 1795)-6, 9
Mytilus edulis Linnaeus, 1758-16
Mytilus galloprovincialis Lamarck, 1819-1, 2, 5, 9, 12, 14, 15

- Nuculana minuta* (Müller) F. Nuculanidae-1
Nucula hanleyi Winckworth, 1931 F. Nuculidae-7
Nucula nitida Sowerby, 1832-3
Nucula nucleus (Linnaeus, 1758)-1, 5, 7, 8
Nucula sulcata Bronn, 1831-3
Nucula tenuis (Montagu, 1808)-1, 3
Nucula turgida (Leckenby and Marshall, 1875)-2
Crassostrea angulata (Lamarck, 1819) F. Ostreidae-1, 7, 10
Ostrea edulis Linnaeus, 1758-3, 5
Ostrea stentina Payraudeau, 1826-1
Pandora inaequalis Linnaeus, 1758 F. Pandoridae-7
Pandora pinna (Montagu, 1803)-1
Chlamys vitrea (Chemnitz, 1782) F. Pectinidae-3, 6
Petricola lithophaga (Retzius, 1786) F. Petricolidae-9
Pinna pectinata Linnaeus, 1767 F. Pinnidae-3
Pisidium amnicum (Müller, 1774) F. Sphaeridae-15
Pisidium cf. *obtusale* (Lamarck, 1818)-15
Gari (Psamobella) costulata (Turton, 1822) F. Psammobiidae-6
Gari depressa (Pennant, 1777)-6
Gari (Psamobia) fervens (Chemnitz)-3, 6
Psammobia depressa (Pennant)-8
Pteria hirundo (Linnaeus, 1758) F. Pteriidae-3
Psammobia costulata Turton, 1822-3
Cultellus pellucidus (Pennant) F. Solenidae-3, 6, 8, 13
Scrobicularia plana (Da Costa, 1778) F. Scrobicularidae-1, 2, 5, 7, 10, 12, 14, 15, 16
Abra alba (Wood, 1801) F. Semelidae-1, 2, 6, 7, 8, 9, 11, 12, 13, 15
Abra nitida (Müller, 1789)-5
Abra (Lutricularia) ovata (Philippi, 1836)-1, 9, 12, 15
Abra tenuis (Montagu, 1808)-1, 2, 5
Azorinus (Solecurtus) chamasolen (Da Costa, 1778) F. Solecurtidae-15
Pharus legumen (Linnaeus, 1758)-11, 12, 13
Ensis cf. *arcuatus* (Jeffreys, 1865) F. Solenidae-13
Ensis ensis (Linnaeus, 1758)-7
Ensis siliqua (Linnaeus, 1758)-1, 9, 11, 12
Solen marginatus Pennant, 1777-1, 2, 7, 12, 15
Angulus (Tellina) incarnatus (Linnaeus, 1785) F. Tellinidae-6, 8
Angulus (Tellina) tenuis (Da Costa, 1778)-1, 2, 5, 6, 7, 9, 11, 12, 15
Arcopagia (Tellina) crassa (Pennant, 1777)-3
Fabulina (Tellina) compressa (Brocchi, 1814)-1, 3
Gastrana fragilis (Linnaeus, 1758)-9
Tellina donacina Linnaeus, 1758-3, 7, 6, 8, 9, 12
Tellina (Fabulina) fabula Gronovius, 1781-2, 3, 5, 6, 7, 8, 9, 11, 13
Tellinella pulchella (Lamarck)-6, 7, 8
Tellina pygmaea Lovén-13
Teredo navalis Linnaeus, 1758 F. Teredinidae-1
Thyasira flexuosa (Montagu, 1803) F. Thyasiridae-3
Thracia distorta (Montagu) F. Thraciidae-5
Thracia papyracea (Poli, 1795)-3, 6, 7, 8
Thracia phaseolina (Lamarck, 1853)-1, 2, 3, 6, 7, 9, 13
Diplodonta cf. *berghii* Deutzenberg and Fisher F. Ungulinidae-3
Anodonta cygnea Linnaeus, 1758 F. Unionidae-16
Unio pictorum (Linnaeus)-16
Callista chione (Linnaeus) F. Veneridae-8, 9
Chamelea gallina (Linnaeus, 1758)-1, 3, 6, 7, 8, 11
Clausinella brongniarti (Payraudeau, 1826)-6
Dosinia exoleta (Linnaeus, 1758)-3, 6, 7, 9, 12, 13
Dosinia lupinus (Linnaeus, 1758)-1, 6, 7, 8, 9, 11

- Gafrarium minimum* (Montagu)-5
Gouldia minima (Montagu, 1803)-3, 6, 8, 11
Mysia undata (Pennant, 1777)-8
Pitar (*Pitaria*) *rudis* (Poli, 1795)-3, 5, 7, 8
Venerupis (*Ruditapes*) *aurea* (Gmelin, 1790)-1, 2, 9
Venerupis (*Ruditapes*) *decussatus* (Linnaeus, 1758)-1, 2, 6, 7, 9, 12, 14, 15
Venerupis (*Ruditapes*) *pullastra* (Montagu, 1803)-1, 3, 4, 5, 7, 11, 15
Venerupis (*Ruditapes*) *rhomboides* (Pennant, 1777)-5, 6
Venus casina (Linnaeus, 1758)-3, 7, 8, 13
Venus (*Clausinella*) *fasciata* (Da Costa, 1778)-1, 3, 5, 6, 7, 8, 9, 11, 13
Venus nux Gmelin, 1791-3
Venus ovata Pennant, 1777-3, 5, 15
Venus striatula (Da Costa, 1778)-2, 5, 7, 12, 13
Venus verrucosa Linnaeus, 1758-5
Scaphopoda-3 species
Dentalium (*Antalis*) *dentalis* Linnaeus, 1767-3
Dentalium (*Fustiaria*) *rubescens* Deshayes, 1825-3
Dentalium (*Antalis*) *vulgare* Da Costa, 1778-6
Cephalopoda-7 species
Alloteuthis subulata (Lamarck, 1798)-3
Eledona cirrhosa (Lamarck, 1798)-3
Octopus vulgaris (Cuvier, 1797)-3
Sepia elegans (Blainville, 1827)-8
Sepia officinalis Linnaeus, 1758-1, 3, 7
Sepiolo atlantica Orbigny, 1840-3
Sepiolo rondeleti Leach, 1817-3
ANNELIDA-337 species
Oligochaeta-27 species
Achaeta littoralis Lasserre-4
Aulophorus furcatus Oken-4
Brachiura sowerbyi Beddard-15
Chaetogaster langi Bretscher-4
Chaetogaster setosus Svetlow-4
Clitellio arenarius Müller-4
Cognettia sphagnetorum (Vejdovsky)-4
Dero cf. *digitata* Müller-4
Eiseniella tetraedra (Savigny)-4, 15
Enchytraeus bucholzi Vejdovsky-4
Fridericia paroniana Issel-4
Grania cf. *roscoffensis* Lasserre-4
Hemifridericia parva Nielson and Christensen-4
Henlea perpusilla (Nielson and Christensen)-4
Limnodrilus hoffmeisteri Claparède-4
Marionina preclitellochaeta Nielson and Christensen-4
Marionina cf. *subterranea* (Knoliner)-4
Monopylephorus parvus Ditlevsen-15
Nais communis Piguet-4
Nais elinguis Müller-4
Nais variabilis Piguet-4
Paranais litoralis (Müller)-4, 15
Peloscolex ater (Claparède)-10
Stylaria lacustris (Linnaeus)-4
Tubifex nerthus Michaelsen-15
Tubifex tubifex (Müller)-4
Tubificoides benedeni (Udekem)-2, 4, 7, 12, 15
Hirudinea (3 species)
Glossiphonia complanata (Linnaeus)-15

- Helobdella stagnalis* (Linnaeus)-15
Hemiclepsis marginata (Müller)-15
 Polychaeta-308 species
Alkmaria romijni Horst, 1919 F. Ampharetidae-1
Amage adpersa (Grube, 1863)-2, 3, 8, 14
Ampharete acutifrons (grubei) (Malmgren, 1865)-1, 3, 7, 8
Amphicteis gunneri (Sars, 1835)-1, 3, 7, 14
Melinna palmata Grube, 1870-1, 2, 3, 5, 7, 8, 15
Petta pusilla Malmgren, 1865-3
Sabellides octocirrata (Sars)-3
Praegeria remota Southern, 1914 F. Amphinomidae-3, 6, 8
Aphrodite aculeata Linnaeus F. Aphroditidae-3
Hermione hystrix (Savigny)-3
Euthalenessa dendrolepis (Claparede)-3
Arabella iricolor (Montagu, 1804) F. Arabellidae-3, 7
Polygordius lacteus Fraipant, 1887 F. Archiannelidae-13
Polygordius lacteus Schneider, 1868-3
Saccocirrus papillocercus Bobretzky, 1872-3, 9, 11, 12, 13
Capitella capitata (Fabricius, 1780) F. Capitellidae-1, 2, 3, 4, 6, 7, 8, 9, 10, 12, 13, 14, 15
Capitellides giardi Mesnil, 1897-15
Capitomastus minimus (Langerhans, 1881)-2, 3, 8, 15
Dasybranchus caducus (Grube, 1846)-1, 3
Dasybranchus gajolae Eisig, 1887-3
Heteromastus filiformis (Claparede, 1864)-1, 2, 3, 6, 7, 8, 9, 12, 13, 14, 15
Mediomastus capensis Day, 1961-9, 12, 13
Mediomastus fragilis Rasmussen, 1956-2
Notomastus exertilis Saint-Joseph, 1906-3
Notomastus latericeus Sars, 1850-1, 3, 7, 11, 13
Notomastus profundus Eisig, 1887-3, 7
Chaetopterus variopedatus (Renier, 1804) F. Chaetopteridae-3
Caulleriella (Heterocirrus) alata (Southern, 1914) F. Cirratulidae-1, 2
Caulleriella (Heterocirrus) bioculata (Keferstein, 1862)-1, 8
Chaetozone setosa Malmgren, 1867-2, 12
Cirratulus chrysoderma Claparède-3
Cirratulus cirratus (Müller, 1776)-1, 3, 6, 7, 10, 14
Cirriiformia (Audouinia) filigera (Delle Chiaje, 1828)-1, 3
Cirriiformia (Audouinia) tentaculata (Montagu, 1808)-1, 2, 3, 7, 8, 9, 11, 12
Tharyx marioni (Saint-Joseph, 1894)-1, 7, 15
Protodorvillea kefersteini (McIntosh, 1869) F. Dorvillidae-13
Eunice harassii Audouin and Milne Edwards, 1834 F. Eunicidae-3, 6
Eone (Glycinde) nordmanni Malmgren 1865-3, 6, 13
Eunice oerstedii Stimpson-7
Eunice pennata (Müller, 1776)-3, 7
Eunice siciliensis Grube, 1840-3
Eunice vittata (Delle Chiaje, 1828)-3, 6, 8
Hyalinoecia bilineata Baird, 1870-1, 3, 6, 8, 11, 13
Hyalinoecia brementi Fauvel, 1916-3
Hyalinoecia fauveli Rioja, 1918-6, 8
Hyalinoecia tubicola (Müller, 1776)-3
Lysidice ninnetta Audouin and Milne Edwards, 1833-3, 6, 7, 8
Marphysa bellii (Audouin and Milne-Edwards, 1834)-3, 7
Marphysa sanguinea (Montagu, 1815)-1, 2, 3, 4, 6, 7, 10
Staurocephalus kefersteini McIntosh, 1869-3, 8
Staurocephalus rudolphii (Delle Chiaje)-3
Diplocirrus glaucus Haase, 1914 F. Flabelligeridae-13
Stylarioides eruca (Claparède, 1868)-3
Stylarioides flabellata (Sars, 1873)-3

- Staurocephalus neglectus* Fauvel, 1923-6
Stylarioides (Pherusa) plumosa (Müller, 1776)-3, 6, 11, 13
Glycera alba (Müller, 1776) F. Glyceridae-2, 3, 5, 6, 7, 11, 13
Glycera capitata Oersted, 1843-3, 6, 7, 8
Glycera convoluta Keferstein, 1862-1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15
Glycera gigantea Quatrefages, 1865-3, 5
Glycera lapidum Quatrefages, 1865-3, 5, 13
Glycera rouxii Audouin and Milne Edwards, 1833-3
Glycera tessellata Grube, 1863-3, 6, 8, 13
Glycera unicornis Savigny, 1818-2
Goniada emerita Audouin and Milne Edwards F. Goniadidae-3, 6
Goniadella galaica (Rioja, 1923)-1, 2, 3, 12, 13
Goniada maculata Oersted, 1844-3, 6, 8, 11, 13, 15
Goniada norvegica Oersted, 1844-3
Gyptis capensis (Day, 1963) F. Hesionidae-2
Kefersteinia cirrata (Montagu)-7, 13
Ophiodromus flexuosus (Delle Chiaje, 1825)-12
Microphthalmus aberrans-13
Syllidia armata (Quatrefages, 1865)-9, 12
Drilonereis filum (Claparède, 1870) F. Lumbrineridae-3, 7, 8, 11
Lumbrineris coccinea (Renieri)-3, 6
Lumbrineris fragilis (Müller, 1776)-3, 5
Lumbrineris funchalensis Kimberg, 1865-3, 6, 7, 8
Lumbrineris gracilis (Ehlers, 1868)-2, 3, 5, 7
Lumbrineris (Lumbriconereis) impatiens (Claparède, 1868)-3, 5, 6, 7, 8, 11, 13, 15
Lumbrineris latreilli Audouin and M. Edwards, 1834-1, 3, 5, 7, 8
Lumbrineris paradoxa (Saint-Joseph, 1888)-3
Nematoneris unicornis (Grube, 1840)-3, 5, 7
Magelona alleni Wilson, 1958 F. Magelonidae-2
Magelona filicornis Wilson, 1959-13
Magelona papillicornis Müller, 1858-8, 9, 11, 13
Magelona rosea Moore-1, 3
Asychis biceps (Sars) F. Maldanidae-3
Clymene (Euclymene) collaris (Claparède, 1870)-2, 3, 7, 12
Clymene (Euclymene) lumbricoides Quatrefages, 1865-3
Clymene (Praxillella) lophoseta Orlandi, 1898-3
Clymene (Euclymene) oerstedii Claparède, 1863-5
Clymene (Euclymene) palermitana (Grube, 1840)-3, 7
Clymene (Praxillella) praetermissa (Malmgren, 1865)-3
Clymene (Euclymene) robusta (Arwidsson, 1906)-3
Clymenura (Leiochone) clypeata (Saint-Joseph, 1894) -1, 2, 3, 8
Johnstonia clymenoides Quatrefages, 1850-7
Maldane glebifex Grube, 1860-3
Maldane sarsi Malmgren-8
Micromaldane ornithochaeta Mesnil, 1897-3
Nichomache maculata ? Arwidsson, 1911-3
Praxillella affinis (Sars, 1872)-1
Praxillella gracilis (Sars, 1861)-1
Nephtys caeca (Fabricius, 1780) F. Nephtydidae-3
Nephtys cirrosa Ehlers, 1868-1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
Nephtys hombergii Savigny, 1818-1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 13, 15
Nephtys hystricis McIntosh, 1900-3
Nephtys incisa Malmgren, 1865-3, 6, 8
Nephtys inermis Ehlers, 1887-3
Nephtys longosetosa Oersted, 1843-3
Nephtys malmgreni Theel, 1879-3
Nephtys paradoxa Malmgren, 1874-3, 8

- Aglaophamus rubella* (Michaelsen, 1879)-3, 13
Leptonereis glauca Claparède, 1870 F. Nereidae-3, 5, 7
Lycastis (Namalycastis) brevicornis Audouin and Milne Edwards, 1834-6, 10
Nereis (Hediste) diversicolor Müller, 1776-1, 2, 4, 7, 9, 10, 12, 14, 15, 16
Nereis fucata (Savigny, 1820)-1, 5
Nereis irrorata (Malmgren)-5
Nereis longissima (Johnston)-7
Nereis rava Ehlers, 1868-6
Neanthes succinea (Frey and Leuckart, 1847)-5, 10
Perinereis cultrifera (Grube, 1840)-5
Perinereis marionii (Audouin and Milne-Edwards, 1834)-6
Perinereis oliveirae Horst, 1889-6
Platynereis coccinea (Delle Chiaje, 1841)-1
Platynereis dumerilii (Audouin and M. Edwards, 1833)-3, 5, 6, 8, 9, 12
Diopatra neapolitana Delle Chiaje, 1841 F. Onuphidae-1, 2, 5, 7, 8, 9, 10, 13, 15
Nothria geophiliformis (Moore, 1903)-2
Onuphis conchylega Sars-3, 8, 11
Onuphis eremita Audouin and Milne Edwards, 1833-3, 6
Ammotrypane aulogaster Rathke, 1843 F. Opheliidae-1, 8
Armandia cirrosa Filippi-8
Armandia polyophtalma Kükenthal, 1887-3, 7, 8
Ophelia bicornis Savigny, 1818-1, 2, 5, 9
Ophelia neglecta Schneider, 1892-1, 2, 3, 11, 13
Ophelia radiata (delle Ciaje, 1827)-13
Ophelina modesta Stöp-Bowitz, 1958-9
Polyopthalmus pictus (Dujardin)-3
Aricia bioreti Fauvel, 1919 F. Orbiniidae-8
Orbinia (Aricia) cuvieri Audouin and Milne Edwards, 1834-3, 6, 11
Orbinia (Phylo) foetida (Claparède) -1, 9, 12
Orbinia latreilli (Audouin and Milne Edwards)-11
Scolaricia typica Eisig-1, 6
Scoloplos armiger (Müller, 1776)-1, 2, 5, 6, 7, 9, 12, 13, 15
Myriochele heeri Malmgren, 1867 F. Oweniidae-1, 13
Owenia fusiformis Delle Chiaje, 1841 -1, 2, 3, 5, 7, 8, 9, 11, 12, 13, 15
Aricidea cerruti Laubier, 1967 F. Paraonidae-1
Paraonides lyra (Southern, 1914)-1, 3, 6
Paraonis fulgens (Levinsen)-7
Paraonis neapolitana Cerruti, 1909-6
Pectinaria auricoma (Müller) F. Pectinariae-3
Pectinaria belgica (Pallas, 1776)-1, 3
Pectinaria (Lagis) koreni Malmgren, 1866-1, 2, 3, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15
Anaitides cf. groenlandica (Oersted, 1843) F. Phyllodoceidae-9, 12
Eteone flava Fabricius, 1780-7
Eteone foliosa Quatrefages, 1865-2, 9, 12, 13
Eteone lactea Claparède, 1868-3
Eteone longa (Fabricius)-15
Eteone picta Quatrefages, 1865-3, 14
Eteone spetsbergensis Malmgren, 1865-1 3
Eulalia fucescens Saint-Joseph, 1888-7
Eulalia pusilla (Oersted)-6
Eulalia viridis (Müller)-6, 9, 1 1
Eulalia (Eumida) sanguinea (Oersted, 1843)-9, 15
Paralacydonia paradoxa Fauvel, 1913-3
Phyllodoce laminosa Savigny, 1818 -1, 3, 7, 11, 13
Phyllodoce macrophthalma Schmarda-3, 7, 11
Phyllodoce maculata (Linnaeus, 1758)-15
Phyllodoce madeirensis Langerhans, 1880-3, 7

- Phyllodoce (Anaitides) mucosa* Oersted, 1843 -2, 7
Protomystides bidentata (Langerhans, 1880)-13
Pseudomystides (Mystides) elongata (Southern, 1914)-3, 13
Mysta picta Quatrefages, 1865-2, 7, 9, 12, 13
Mysta siphonodonta Gravier, 1896-7
Mystides limbata Saint-Joseph, 1888-7
Pilargis verrucosa Saint-Joseph F. Pilargidae-10
Sigamba cf. tentaculata (Treadwell, 1941)-2
Pisione remota (Southern, 1914) F. Pisionidae-11, 12, 13
Poecilochaetus serpens Allen F. Poecilochaetidae -7
Chloeia venusta Quatrefages, 1865 F. Polynoidae-3, 7
Eunoë (Harmothoe) nodosa (Sars) 6, 7, 10
Harmothoe antilopis McIntosh, 1900-3
Harmothoe haliaëti McIntosh, 1900-3
Harmothoe impar (Johnston, 1839)-12, 15
Harmothoe johnstoni (McIntosh, 1900)-3
Harmothoe ljunghmani (Malmgren, 1867)-3, 7, 13
Harmothoe longisetis (Grube, 1863)-3, 8
Harmothoe lunulata (Delle Chiaje, 1841) -1, 3
Harmothoe spinifera (Ehlers, 1864)-1, 3
Lagisca (Harmothoe) extenuata (Grube) -10
Lepidonotus clava (Montagu)-11, 14
Malmgrenia cf. castanea McIntosh, 1876-13
Polyodontes maxillosus (Ranzani)-3
Scalisetosus pellucidus (Ehlers, 1864)-3
Eupanthalis kinbergi McIntosh, 1876 F. Polyodontidae -3, 7
Panthalis oerstedii Kenberg, 1855 -3, 7
Lygdamis murata (Allen 1904) F. Sabellaridae -3
Sabellaria alveolata (Linnaeus, 1767)-1, 6, 7, 14
Sabellaria spinulosa Leuckart -11
Amphiglena mediterranea ? (Leydig, 1851) F. Sabellidae-3
Branchiomma vesiculosum (Montagu, 1815)-7
Chone collaris Langerhans, 1880-3
Chone duneri Malmgren, 1867-8
Chone filicaudata Southern, 1914-1, 3, 8
Chone infundibiliformis Kroyer, 1856-6, 8
Dasychone lucullana (Delle Chiaje)-3
Euchone rosea Langerhans, 1884-3
Euchone rubrocincta (Sars, 1861)-3
Jasmineira caudata Langerhans, 1880-3
Jasmineira elegans Saint-Joseph, 1894 -2, 3, 7, 8, 11
Myxicola infundibulum (Rénier) -3, 7
Potamilla reniformis (Müller)-7
Sabella fabricii Kroyer, 1856-3
Sabella pavonina Savigny, 1818 -3, 5, 7
Sabella proxima -7
Scalibregma inflatum Rathke, 1843 F. Scalibregmidae-7
Ditrupa arietina Müller F. Serpulidae-3, 8
Hydroides elegans (Haswell, 1883)-12
Hydroides norvegica Gunnerus, 1768-1, 3, 7
Hydroides stoichadon Zibrowius, 1971-3
Hydroides uncinata Philippi-5
Mercierella enigmatica Fauvel, 1923-14
Pomatoceros lamarckii (Quatrefages, 1865)-7, 9, 12
Pomatoceros triqueter (Linnaeus, 1767)-1, 2, 3, 5, 6, 7, 14
Pomatostegus polytrema (Philippi, 1844)-3
Protula tubularia (Montagu, 1803)-1

- Serpula vermicularis* Linnaeus, 1767-1, 3, 5
Leanira hystericis Ehlers, 1875 F. Sigalionidae-3
Leanira yhleni Malmgren, 1867-3
Pholoë dorsipapillata Marenzeller, 1893 -3
Pholoë minuta (Fabricius, 1780)-1, 3, 6, 9, 12
Pholoë synophthalmica Claparede, 1868-7
Sigalion mathildae Audouin and Milne Edwards, 1832-6, 8, 11, 13
Sigalion squamatum (Delle Chiaje)-3, 6
Sthenelais boa (Johnston, 1865) -1, 3, 4, 5, 6, 7, 8, 9, 15
Sthenelais limicola (Ehlers, 1864)-3, 8, 11
Sthenelais minor Pruvot and Racovitza, 1895-3
Sphaerodorum claparedii Greeff, 1866 F. Sphaerodoridae-7
Aonides oxycephala (Sars, 1852) F. Spionidae-1, 2, 7, 8, 9, 11, 12, 13
Boccardia redeki (Horst, 1920) = (*Polydora redecki* Horst)-7, 10
Malacoceros (Scolelepis) ciliata (Keferstein, 1862)-1, 3, 6, 8, 9, 11
Malacoceros (Scolelepis) fuliginosa (Claparède, 1870)-1, 7, 8, 9, 10, 12
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Nerine bonnieri Mesnil, 1896-1, 10, 11
Nerine (Scolelepis) cirratulus (Delle Chiaje, 1828)-2, 6, 11, 13
Polydora caeca (Oersted, 1843)-1, 3
Polydora ciliata (Johnston, 1838) -1, 2, 6, 7, 8, 9, 10, 12
Polydora ligerica Ferronnière, 1898-1
Polydora redeki Horst-7
Prionospio cirrifera Wiren, 1883 -1, 6, 7
Prionospio malmgreni Claparède, 1870-1, 2, 7, 9, 12
Prionospio steenstrupi Malmgren, 1867-1, 3
Pseudopolydora antennata (Claparède, 1870)-1, 2, 8, 9, 10, 12, 13
Pseudomalococeros (Nerinides) cantabra (Rioja, 1919)-3, 6, 11, 13, 14
Pseudomalococeros (Nerinides) tridentata Southern, 1914-1, 3, 6
Pygospio elegans Claparède, 1863 -1, 2, 7, 9, 14, 15
Nerine cirratulus (Delle Chiaje, 1828)-2, 13
Nerine foliosa (Audouin and Milne-Edwards, 1834)-13
Spio decoratus Bobretzki, 1870-2, 13
Spio filicornis (Müller, 1776) -1, 3, 6, 7, 8, 11
Spio martinensis Mesnil, 1896-9, 12
Spio multioculata (Rioja, 1918)-3
Spiophanes bombyx (Claparède) -2, 3, 6, 7, 8, 9, 11, 13
Streblospio shrubsolii (Buchanan, 1890) -2, 9, 10, 12, 13, 14
Spirorbis medius Pixell, 1912 F. Spirorbidae-8
Sternaspis scutata (Ranzani, 1817)- F. Sternaspidae-3
Autolytus prolifer (Müller, 1788) F. Syllidae-1, 15
Eurysyllis assimilis Marenzeller, 1867-6, 7
Grubea clavata (Claparède)-3
Grubea pusilla (Dujardin)-3
Parapionosyllis elegans ? (Pierantoni, 1903)-3
Parapionosyllis gestans Pierantoni, 1903-1
Parapionosyllis minuta (Pierantoni)-1
Pionosyllis serrata Southern, 1914-1
Sphaerosyllis bulbosa Southern, 1914-6, 7
Sphaerosyllis histrix (Claparède, 1863)-3
Sphaerosyllis pirifera (Claparède, 1864)-1
Sphaerosyllis ovigera Langerhans-7
Sphaerosyllis cf. xaribae Hartman-Schroder, 1960-2
Syllis amica (Quatrefages, 1865)-3, 6, 7
Syllis (Typosyllis) armillaris (Müller, 1771)-2, 3, 6, 13
Syllis (Ehlersia) cornuta Rathke, 1843-3, 6, 7
Syllis gracilis Grube, 1840-5, 7

- Syllis (Ehlersia) ferrugina* (Langerhans, 1881)-3
Syllis (Typosyllis) hyalina (Grube, 1863)-3, 6
Syllis prolifera Kfohn, 1852-6, 7
Syllis (Haplosyllis) spongicola Grube, 1855-3
Syllis (Typosyllis) variegata (Grube, 1860)-6, 7
Syllis vittata Grube, 1840-3
Typosyllis alternata Kahlieux-1
Trypanosyllis coeliaca (Claparède, 1868) -11
Amphitrite affinis Malmgren, 1865 F. Terebellidae-3
Amphitrite cirrata (Müller)-3 *Amphitrite edwardsi* (Quatrefages)-3
Euthelepus setubalensis McIntosh, 1885-3
Lanice conchilega (Pallas, 1766)-1, 2, 3, 5, 7, 13
Lysilla loveni Malmgren, 1865-1
Nicolea venustula (Montagu, 1818)-3, 8
Pista cristata (Müller, 1776)-1, 2, 3, 7
Pista maculata (Dalyell)-3
Polycirrus aurantiacus Grube, 1860-1
Streblosoma bairdi (Malmgren, 1865)-3, 6
Terebella lapidaria (Kahler)-1
Terebellides stroemi Sars, 1835-3
Thelepus setosus (Quatrefages)-3
Trichobranchus glacialis Malmgren, 1865-3
 CRUSTACEA-332 species
 Ostracoda-4 species
Cypridina norvegica -7
Cypridina mediterranea (Costa)-8
Philomedes globosus-8
Herpetocypris reptans (Baird)-4
 Cirripedia-8 species
Acasta spongites (Poli, 1795)-3
Balanus amphitrite Darwin-5
Balanus improvisus Darwin, 1854 -4,5,8
Balanus perforatus Bruguière-5,6
Chthamalus stellatus Ranzoni-1 5
Lepas anatifera (Linnaeus)-4
Scalpellum vulgare Leach, 1818-3
Verruca stroemia Müller-8, 11
 Stomatopoda-2 species
Coronida bradyi-11
Squilla desmaresti Risso-7
 Tanaidacea-4 species
Apseudes latreillei (Milne Edwards 1828)-2, 3, 6, 7, 8
Apseudes spinosus (Sars, 1858)-6, 7
Heterotanais oerstedii (Kroyer, 1842)-10
Tanais dulongii (cavolinii) (Audouin, 1826)-10
 Mysidacea-17 species
Anchialina agilis (Sars, 1877)-8
Gastrosaccus normani Sars, 1877-5,6,8,9,12
Gastrosaccus sanctus (Van Beneden, 1861)-5, 6, 8, 9, 12, 13
Gastrosaccus spinifer (Goes, 1864)-7, 8, 9, 11, 12, 13, 15
Mysidopsis angusta Sars, 1864-9, 12
Mysidopsis gibbosa Sars, 1864-9
Mesopodopsis slabberi (Van Beneden, 1861)-2
Neomysis integer (Leach, 1815)-1 5
Paramysis (Paramysis) arenosa (Sars, 1877)-15
Paramysis bacescoi Labat, 1953-9
Paramysis (Paramysis) helleri (Sars, 1877)-15

- Paramysis* (*Schistomysis*) *kervillei* (Sars, 1885)-11
Paramysis nouveli Labat, 1953-2, 9, 12
Praunus flexuosus (Müller, 1788)-15
Paramysis (*Schistomysis*) *ornata* (Sars, 1864)-13
Paramysis (*Synmysis*) *spiritus* (Norman, 1860)-13
Siriella armata (M. Edwards, 1837)-5, 9
 Cumacea-19 species
Bodotria pulchella (Sars, 1879) F. Bodotriidae-1
Bodotria scorpioides (Montagu, 1804)-8
Bodotria arenosa (Goodsir, 1843)-8
Cumopsis fagei Bacescu, 1956-3,9/12
Cumopsis longipes (Dorn, 1869)-11
Eocuma dollfusi Calman, 1907-9/12, 11, 13
Iphinoë inermis Sars, 1878-1 3
Iphinoë serrata Norman, 1867-1, 3, 8
Iphinoë tenella (Sars, 1878)-2, 7, 8, 9
Iphinoë trispinosa (Goodsir, 1843)-1, 3, 7, 8, 11, 13
Vaunthompsonia (*Hemilampros*) *cristata* Bate, 1858-1
Diastylis bradyi (Norman, 1879) F. Diastylidae-8, 9/12, 11, 13
Diastylis cornuta (Boeck, 1864)-8
Diastylis laevis Norman, 1869-8
Diastylis lucifera (Krøyer)-8
Diastylis rostrata Sars, 1900-6
Diastylis rugosa Sars, 1865-8,9/1 2
Pseudocuma similis (Sars, 1900) F. Pseudocumidae-8
 Isopoda-35 species
Rocinela angustata Richardson, 1898 F. Aegidae-3
Apanthura magnifica Menzies and Frankenberg, 1966 F. Anthuridae-3
Anthura gracilis (Montagu)-8
Cyathura carinata (Kroyer, 1847)-1, 2, 4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16
Astacilla longicornis (Sowerby) (Sars, 1899) F. Arcturidae-1, 3, 8
Armadillidium maculatum F. Armadillididae-14
Cirolana cranchii Leach, 1818 F. Cirolanidae-1,3,7,8
Conilera cilindracea (Montagu, 1804)-3
Eurydice affinis (Hansen, 1905)-2, 4, 11, 15
Eurydice inermis Hansen, 1890-3
Eurydice pulchra (Leach, 1862)-1, 2, 4, 5, 6, 7, 8, 10, 11, 13, 14, 15, 16
Eurydice spinigera Hansen, 1890-4, 6, 11, 13, 14
Eurydice truncata (Norman, 1868)-3
Excirolana hirsuticauda Menzies, 1962-3
Paragnathia formica (Hesse) (Monod, 1926) F. Gnathiidae-10,15
Gnathia vorax Lucas (Monod, 1926)-14
Jaera forsmani (Boquet, 1953) F. Janiridae-15
Janiropsis breviremis Sars, 1899-15
Idotea balthica (Pallas, 1772) F. Idoteidae-7, 10
Idotea chelipes (Slabber, 1778)-2, 9, 12, 14, 15
Idotea granulosa Rathke (Sars, 1899)-1, 14
Idotea pelagica Leach (Sars, 1899)-14
Saduriella losadai Holthuis, 1964-15, 16
Zenobiana prismatica (Risso)-3, 6, 10, 13
Ligia oceanica (Linnaeus) F. Ligiidae-10, 14
Munna boeckii F. Munnidae-7
Porcelio pruinosis (Brandt) F. Porcellionidae-10
Porcelio scaber Latreille, 1804-11
Cymodoce emarginata Leach F. Sphaeromatidae-3
Cymodoce truncata Leach, 1818 -1, 3, 4, 5, 6, 8
Dynamene bidentata (Adams, 1800)-6, 11, 12, 14

- Sphaeroma hookeri* Leach, 1814 -2, 4, 10, 12, 15
Sphaeroma monodi Bocquet, Heostalandt, and Levi, 1954 -1, 2, 5, 7, 10, 12, 15
Sphaeroma rugicauda Leach, 1814 -3, 7, 11, 14
Sphaeroma serratum (Fabricius, 1787) -6, 7, 16
Synisoma lancifer (Dollfus)-6
Tylos europaeus (Arc) F. Tylidae-10
Tylos latreilli Audouin and Savigny-13
Amphipoda-145 species
Iphimedia minuta Sars, 1882 F. Acanthonozonidae-1, 5
Ampelisca brevicornis (Costa, 1853) F. Ampeliscidae-1, 2, 3, 6, 7, 8, 9/12, 11, 13
Ampelisca calypsonis Bellan-Santini and Kaim-Malka, 1977-3
Ampelisca diadema (Costa, 1853)-1, 2, 3, 7, 8, 13
Ampelisca pseudospinimana Bellan-Santini and Kaim-Malka, 1977-3, 7
Ampelisca sarsi Chevreux, 1888-7, 8, 11, 13
Ampelisca serraticaudata Chevreux, 1888-8
Ampelisca spinimana Chevreux, 1900-1
Ampelisca spinipes Boeck, 1861 -3, 7, 9/12, 11
Ampelisca rubella Costa, 1864-5, 11
Ampelisca truncata Bellan-Santini and Kaim-Malka-7
Ampelisca typica (Bate, 1856) -1, 3, 7
Haploops nirae Kaim-Malka, 1976-3
Amphilochus brunneus Della Valle, 1893 F. Amphilochidae-1, 9/12
Amphilochus neopolitanus Della Valle, 1893-3, 8
Amphilochus spencebatei (Stebbing, 1876)-3
Amphithoe ferox (Chevreux, 1902) F. Amphithoidae-14, 15
Amphithoe ramondi Andouin, 1826-1, 14
Amphithoe rubricata (Montagu, 1808)-14
Aora gracilis (Bate, 1857) F. Aoridae-1, 6, 9
Aora typica Krøyer, 1845-1, 3, 6, 7, 15
Lembos longipes (Liljeborg, 1852)-7
Lembos viduarum Myers, 1974-5
Leptocheirus hirsutimanus (Bate, 1862)-2, 3, 8
Leptocheirus pectinatus (Norman, 1869)-3, 8
Leptocheirus pilosus Zaddach, 1844-1, 5, 8, 10, 14, 15
Leptocheirus tricristatus (Chevreux, 1887)-3
Microdeutopus anomalus (Rathke, 1842)-5
Microdeutopus armatus Chevreux, 1887-3
Microdeutopus chelifera (Bate, 1862)-1
Microdeutopus gryllotalpa Costa, 1853-1, 2, 5, 9, 12
Microdeutopus stationis Della Valle, 1893-1, 7
Microdeutopus versiculatus (Bate, 1856)-1, 3
Atylus falcatus Metzger, 1871 F. Atylidae-6, 9/12, 13
Atylus guttatus (Costa, 1851)-5, 7
Atylus swammerdami (Milne-Edwards, 1830)-6, 7, 8, 9, 12, 13
Atylus vedlomensis (Bate and Westwood, 1862)-3, 5, 7, 8, 9/12
Apherusa bispinosa (Bate, 1856) F. Calliopiidae-9/12
Apherusa cirrus? (Bate, 1862)-3
Apherusa clevei Sars, 1904-3
Apherusa ovalipes Norman and Scott, 1906-1, 3, 7
Caprella acanthifera Leach, 1814 F. Caprellidae-1, 2, 6, 8, 9, 12
Caprella acutifrons Latreille-6
Caprella aequilibra Say, 1816-13
Caprella fretensis Stebbing, 1878-6
Caprella rapax-1
Pariambus typicus (Kroyer, 1844)-7, 8
Pseudoprotella phasma (Montagu)-3, 6
Corophium acherusicum A. Costa, 1851 F. Corophiidae-2, 5, 15

- Corophium acutum* Chevreux, 1908-1, 9
Corophium affine Bruzelius, 1859-1
Corophium crassicorne Bruzelius-7, 15
Corophium insidiosum Crawford, 1937-2, 7, 8, 9, 12, 14
Corophium lacustre Vanhoffen, 1911-8
Corophium multisetosum Stock, 1952-1, 5, 14, 15
Corophium orientale Schellenberg, 1928-2, 4
Corophium rucicorne Della Valle, 1893-1
Corophium sextonae Crawford, 1937-1, 2, 7
Corophium volutator (Pallas, 1766)-8, 10, 16
Photis longicaudata (Bate and Westwood, 1862)-8
Siphonoecetes dellavallei Stebbing, 1899-3
Siphonoecetes kroyeranus Bate, 1856-1, 3, 6, 8
Siphonoecetes sabatieri de Rouville, 1894-1, 9/12
Unciola crenatipalma (Bate, 1862)-9/12
Dexamine spinosa (Montagu, 1813) F. Dexaminidae-1, 3, 5, 6, 7, 9
Dexamine spiniventris (Costa, 1853)-5, 6, 11
Guernea coalita (Norman, 1868)-9/12
Tritaeta gibbosa (Bate)-11
Echinogammarus (Chaetogammarus) marinus (Leach, 1815)-14
Echinogammarus (Chaetogammarus) stoerensis (Reid, 1938) F. Gammaridae-14
Gammarus aequicauda (Martynov, 1931)-1
Gammarus chevreuxi Sexton, 1913-1, 4, 10, 15
Gammarus crinicornis Stock, 1966-5, 13, 15
Bathyporeia elegans Watkine, 1938 F. Haustoriidae-9/12
Bathyporeia guilliamsoniana (Bate, 1856)-1, 2, 6, 8, 11, 13
Bathyporeia pelagica (Bate, 1856)-1, 3, 5, 6, 11
Bathyporeia sarsi (Watkin, 1938)-1, 2, 14, 15
Bathyporeia tenuipes Meinert, 1877-13
Haustorius arenarius (Slabber, 1769)-1, 2, 5, 6, 8, 11, 13, 14, 15, 16
Urothoe brevicornis Bate, 1862-1, 2, 3, 6, 7, 8, 11, 15
Urothoe elegans (Bate, 1856)-3, 6, 8, 11
Urothoe marina (Bate, 1857)-3, 6
Urothoe poseidonis (Reibisch, 1905)-1, 2, 3, 7, 8, 11, 13
Urothoe pulchella (Costa, 1853)-3, 6, 7, 8, 9/12, 11, 13
Huale crassipes (Heller, 1866) F. Hyalidae-14
Huale perieri (Lucas, 1846)-10, 14
Huale stebbingi Chevreux, 1888-14
Gammaropsis maculata Johnston, 1828 F. Isaeidea-3, 6, 7
Megamphopus cornutus Norman, 1869-3, 9/12
Microtopus maculatus Norman, 1867-7, 9
Ericthonius brasiliensis (Dana, 1855) F. Ischyroceridae-1, 7
Ericthonius difformis (Milne-Edwards, 1830)-1, 7, 9, 12
Jassa falcata (Montagu, 1808)-13, 14
Leucothoe incisa Robertson, 1892 F. Leucothoidae-1, 3, 8, 9/12, 13
Leucothoe oboa Karaman, 1972-1
Leucothoe spinicarpa (Abildgaard, 1789)-3, 7
Liljeborgia fissicornis (Sars, 1894) F. Liljeborgiidae-6
Listriella picta (Norman, 1889)-7
Sextonia longirostris Chevreux, 1920-13
Hippomedon denticulatus (Bate, 1857) F. Lysianassidae-3, 6, 8, 9/12, 11, 13
Hippomedon oculatus Chevreux and Fage, 1925-8
Ichonopus spinicornis Boeck, 1861-3
Lepidepecreum longicorne (Bate and Westwood, 1861)-3, 8
Lysianassa bispinosa (Della Valle, 1893)-6
Lysianassa ceratina (Walker, 1889)-
Lysianassa plumosa Boeck, 1871-3, 8

- Perrierella audouiniana* (Bate, 1857)-13
Orchomene humilis (A. Costa, 1853)-1, 5, 9
Orchomene nana (Kroyer, 1846)-6, 9/12, 13
Tryphosites longipes (Bate and Westwood, 1861)-8, 11
Ceradocus semiserratus (Bate, 1862) F. Melitidae-3, 6
Elasmopus rapax Costa, 1853 F.-7
Eriopisa elongata (Bruzelius, 1859) -3
Gammarella fucicola (Leach, 1814)-1, 7
Gammarus insensibilis Stock, 1966-2, 9, 12
Gammarus locusta (Linnaeus, 1758)-2, 5, 7, 9, 15
Maera grossimana (Montagu, 1808)-3
Maera inaequipes (A. Costa, 1857)-11
Maera othonis (Milne Edwards, 1830)-3, 6
Melita gladiosa Bate, 1862-6, 7
Melita hergensis? Reid, 1939-3
Melita obtusata (Montagu, 1813)-3, 6, 7, 13
Melita palmata (Montagu, 1804)-1, 2, 5, 7, 9, 10, 12, 14, 15
Melita pellucida (Sars, 1882)-15
Cheirocratus intermedius Sars, 1894 F. Melphidippidae-1
Cheirocratus sundevallii (Rathke, 1843)-1, 3, 7, 8
Megaluropus massiliensis Ledoyer, 1976-3
Monoculodes carinatus (Bate, 1856) F. Oedicerotidae-1, 3, 8, 9/12
Monoculodes subnudus Norman, 1889-3, 8
Perioculodes longimanus (Bate and Westwood, 1868)-1, 3, 6, 9/12, 13
Pontocrates altamarinus (Bate and Westwood, 1862)-3, 8, 9/12, 11, 13
Pontocrates arenarius (Bate and Westwood, 1858)-1, 3, 6, 8, 11, 13
Synchelidium haplocheles (Grube, 1864)-3, 8
Synchelidium longidigittatum Ruffo, 1947-9
Synchelidium maculatum Stebbing, 1906-3, 6, 8, 13
Phtisica marina Slabber, 1769 F. Phtisicidae-1, 3, 7, 8
Harpinia della-vallei Chevreux F. Phoxocephalidae-7
Paraphoxus maculatus Chevreux-7
Podocerus variegatus Leach, 1814 F. Podoceridae-1
Parametopa kervillei Chevreux, 1901 F. Stenothoidae-9/12
Orchestia gammarellus (Pallas, 1766) F. Talitridae-10, 14
Orchestia mediterranea Costa, 1857-10, 14
Orchestia platensis Kroyer, 1845-1, 10
Orchestia stephenseni Cecchini, 1928-10
Talitrus saltator (Montagu, 1808)-1, 10, 11
Talorchestia brito Stebbing, 1891-11, 13
Talorchestia deshayesii (Audouin, 1826)-10
Leptostraea spp.
Nebalia bipes (Fabricius)-3, 7, 8, 9
Nebalia geoffroyi Milne Edwards-11
Decapoda: Natantia-26 species
Alpheus glaber (Olivi, 1792) F. Alpheidae-3
Alpheus macrocheles (Hailstone, 1835)-3
Athanas nitescens (Leach, 1814)-3, 5, 6
Atyaephyra desmaresti (Millet, 1831) F. Atyidae-4, 16
Crangon crangon (Linnaeus, 1758) F. Crangonidae-1, 3, 5, 7, 9, 13, 15, 16
Philocheras bispinosus (Hailstone)-3, 8
Philocheras sculptus (Bell, 1847)-3
Philocheras trispinosus (Hailstone, 1835)-6, 8
Hippolyte varians Leach F. Hippolytidae-1, 6
Chlorotocus crassicornis (Costa, 1871) F. Pandalidae-3
Pandalina brevirostris (Rathke, 1843)-3, 6
Plesionika heterocarpus (Costa, 1871)-3

- Parapenaeus longirostris* (Lucas, 1846) F. Penaeidae-3
Penaeus kerathurus (Forsk., 1775)-7
Solenocera membranacea (Risso, 1816)-3
Palaemon elegans Rathke, 1837 F. Palaemonidae-5, 9, 12
Palaemon serratus (Pennant, 1777)-1, 5, 7, 12, 16
Palaemonetes varians (Leach, 1814)-4, 5, 9, 12, 13
Pasiphaea (Pasiphaea) sivado (Risso, 1816) F. Pasiphaeidae-1
Processa edulis (Risso, 1816) F. Processidae-5
Processa macrophthalma Nouvel and Holthuis, 1957-6
Processa mediterranea (Parisi, 1915)-1
Processa parva Holthuis, 1951-5, 6, 8
Processa robusta Nouvel and Holthuis, 1957-1
Processa rostrata-1
Thoralus cranchii (Leach, 1817)-3, 5, 6, 7
Decapoda: Reptantia: Anomura-26 species
Callianassa (Callianassa) subterranea (Montagu, 1808) F. Callianassidae-3
Callianassa (Callichirus) tyrrhena (Petagna, 1792)-1, 7
Upogebia deltaura (Leach, 1815)-1, 3
Upogebia pusilla (Petagna, 1792)-1, 7
Clibanarius erythropus (Latreille, 1818) F. Diogenidae-1, 3, 7
Diogenes pugilator (Roux, 1829)-1, 3, 5, 6, 7, 8, 11
Galathea bolivari Alvarez, 1950 F. Galatheididae-5
Galathea cenarroi Zariquiey Alvarez, 1986-3
Galathea intermedia Lilljeborg, 1851-3, 5, 6
Munida intermedia Milne Edwards and Bouvier, 1899-3
Jaxea nocturna Nardo, 1847 F. Laomediidae-3
Anapagurus bicorniger Milne Edwards and Bouvier, 1892 F. Paguridae-3
Anapagurus brevicarpus Milne Edwards and Bouvier, 1892-3
Anapagurus curvidactylus Chevreux and Bouvier, 1892-6
Anapagurus hyndmanni (Bell, 1846)-3
Anapagurus laevis (Bell, 1846)-3
Anapagurus longispina Milne Edwards and Bouvier, 1900-3, 7
Catapaguroides timidus (Roux, 1830)-3
Pagurus alatus Fabricius, 1775-3
Pagurus anachoretus Risso, 1827-1, 3, 6
Pagurus bernhardus (Linnaeus, 1758)-1, 7
Pagurus cuanensis Bell, 1846-3, 5, 6
Pagurus prideauxi Leach, 1815-1, 3, 6, 11
Pagurus sculptimanus Lucas, 1846-3
Pisidia longicornis (Linnaeus, 1767) F. Porcellanidae-3, 6
Porcellana platycheles (Pennant, 1777)-1
Decapoda: Reptantia: Brachyura-40 species
Atelecyclus rotundatus (Olivi, 1792) F. Atelecyclidae-3, 6
Atelecyclus undecimdentatus (Herbst, 1783)-1, 3, 7
Corystes cassivelaunus (Pennant, 1777) F. Corystidae-11, 13
Dorippe lanata (Linnaeus, 1767) F. Dorippidae-3, 7
Ethusa mascarone (Herbst, 1785)-3
Goneplax rhomboides (Linnaeus, 1758) F. Goneplacidae-3
Pachygrapsus marmoratus (Fabricius, 1787) F. Grapsidae-1
Planes minutus (Linnaeus)-4
Ebalia cranchi Leach, 1817 F. Leucosiidae-3, 6
Ebalia granulosa H. Milne Edwards, 1837-3
Ebalia tuberosa (Pennant, 1777)-3, 6
Ebalia tumefacta (Montagu, 1808)-8
Eurynome aspera (Pennant, 1777) F. Majidae-3
Herbstia condyliata (Fabricius, 1787)-13
Inachus communissimus Rizza, 1839-7

- Inachus dorsettensis* (Pennant, 1777)-3
Macropodia longirostris (Fabricius, 1775)-3
Macropodia rostrata (Linnaeus, 1761)-1, 3, 5, 7, 12
Uca tangeri (Eydoux, 1835) F. Ocypodidae-1
Parthenope massena (Roux, 1830) F. Parthenopidae-3
Asthenognathus atlanticus Monod, 1933 F. Pinnotheridae-3
Pinnotheres pisum (Linnaeus, 1767)-7
Pirimela denticulata (Montagu, 1808) F. Pirimelidae-9
Carcinus maenas (Linnaeus, 1758) F. Portunidae-1, 4, 5, 7, 9, 10, 12, 15, 16
Liocarcinus arcuatus (Leach, 1814)-1, 7
Liocarcinus corrugatus (Pennant, 1777)-3, 6, 7
Liocarcinus depurator (Linnaeus, 1758)-5, 13
Liocarcinus holsatus (Fabricius, 1798)-3, 7
Liocarcinus marmoreus (Leach, 1814)-1, 7
Liocarcinus puber (Linnaeus, 1767)-1, 3, 6, 7
Liocarcinus pusillus (Leach, 1816)-3
Liocarcinus vernalis (Risso, 1816)-3, 5
Liocarcinus zariquieyi (Gordon, 1968)-3, 6
Polybius henslowi Leach, 1820-7, 11, 13
Portumnus latipes (Pennant, 1777)-1, 11, 13
Xaiva biguttata (Risso, 1816)-3
Thia scutellata (Fabricius, 1793) F. Thiidae-1, 3, 6, 8
Panopeus africanus (Milne Edwards, 1867) F. Xanthidae-1
Pilumnus hirtellus (Linnaeus, 1761)-7
Xantho incisus (Leach, 1814)-3
CHELICERATA, Pycnogonida-3 species
Achelia franciscana (Dorn, 1881)-3, 7
Achelia langi (Dorn, 1881)-11
Anoplodactylus petiolatus (Krøyer, 1844)-7
HEXAPODA, Insecta-11 species
Caenis horaria (Linnaeus)-4
Hydrous piceus (Linnaeus)-4
Hygrobia hermani (Fabricius)-4
Laccophilus variegatus Germ.-4
Lestes viridis (Van der Linden)-4
Lipura maritima (Laboulbène)-10
Naucoris maculatus Fabricius, 1798-4
Nepa cinerea Linnaeus, 1758-4
Platambus maculatus (Linnaeus)-4
Sympetrum fonscolombei (Selys)-4
Tridactylus variegatus (Latreille)-4
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