Appendix 1 List of species with average biomass per station (mgAFDW)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Phylum** | **Class** | **Order** | **Family** | **Taxa** | **A** | **B** | **C** | **D** | **E** | **F** | **G** | **H** | **I** | **J** | **K** | **L** | **M** |
| Arthropoda | Malacostraca | Decapoda | Alpheidae | *Alpheus macrocheles* |  |  |  |  |  |  |  |  |  |  | 0.2 | 0.1 | 0.4 |
|  |  |  | Atelecyclidae | *Atelecyclus undecimdentatus* | 4.6 |  |  |  |  |  | 3.2 |  | 1.7 | 4.2 | 49.5 |  |  |
|  |  |  | Carcinidae | *Carcinus maenas* |  |  |  |  | 388.0 | 247.1 | 8.7 | 391.5 | 3644 | 5631 | 1278 | 2212 | 90.0 |
|  |  |  | Crangonidae | *Crangon crangon* |  |  | 221.0 | 1050 | 189.4 | 452.6 | 828.8 | 663.0 | 792.0 | 574.6 | 720.9 | 816.2 | 647.2 |
|  |  |  | Diogenidae | *Clibanarius erythropus* |  | 125.0 |  |  | 71.4 | 166.6 | 93.7 | 187.4 | 198.5 | 100.0 | 656.4 | 511.5 | 62.5 |
|  |  |  |  | *Diogenes pugilator* | 4.1 |  |  | 60.4 | 2.9 |  | 15.4 |  | 5.0 | 17.9 | 7.5 | 12.3 | 12.2 |
|  |  |  | Dromiidae | *Dromia personata* |  |  |  |  | 992.8 |  |  |  |  |  | 1.4 |  |  |
|  |  |  | Epialtidae | *Pisa armata* |  |  | 202.9 |  |  |  | 523.8 | 3640 | 368.6 | 482.0 | 1666 | 130.6 | 14.4 |
|  |  |  | Galatheidae | *Galathea strigosa* |  |  |  |  |  |  |  | 475.5 | 26.4 |  | 26.4 |  |  |
|  |  |  | Grapsidae | *Pachygrapsus marmoratus* |  |  |  |  | 45.8 | 5.8 |  |  | 0.6 |  |  | 0.5 | 4.3 |
|  |  |  | Hippolytidae | *Hippolyte inermis* |  |  | 22.4 |  |  |  |  |  |  |  | 1.6 | 0.1 |  |
|  |  |  | Inachidae | *Macropodia rostrata* |  |  | 31.7 |  | 0.4 |  | 2.3 |  | 2.8 | 0.5 | 5.8 | 1.7 | 1.2 |
|  |  |  | Majidae | *Maja squinado* |  |  |  |  |  |  | 9.7 |  |  |  | 2.3 |  | 146.4 |
|  |  |  | Paguridae | *Pagurus forbesii* |  |  |  |  |  |  |  |  | 1.2 |  |  | 1.6 | 2.1 |
|  |  |  | Palaemonidae | *Palaemon* |  |  | 11.2 |  | 4.0 | 4.7 | 5.6 | 5.6 | 8.3 | 2.2 | 11.0 | 2.8 | 0.5 |
|  |  |  | Pilumnidae | *Pilumnus hirtellus* |  |  |  |  | 52.9 |  |  | 197.8 | 20.2 |  | 71.2 | 1.6 | 2.3 |
|  |  |  | Polybiidae | *Liocarcinus holsatus* | 5.4 |  |  |  |  |  | 5.9 |  |  |  |  |  | 0.4 |
|  |  |  |  | *Liocarcinus navigator* |  |  | 136.9 |  | 55.8 |  | 20.4 | 2119 | 318.2 | 298.5 | 799.3 | 81.7 | 33.8 |
|  |  |  | Processidae | undet. Processidae |  |  |  |  |  |  | 1.4 | 2.8 |  |  |  | 0.1 |  |
|  |  |  | Varunidae | *Hemigrapsus takanoi* |  |  |  |  |  | 11.3 |  |  | 1.4 |  |  |  |  |
|  |  |  | Xanthidae | *Xantho pilipes* |  |  |  |  |  |  |  | 417.3 | 33.6 |  | 25.3 | 6.5 |  |
| Chordata | Actinopteri | Gobiesociformes | Gobiesocidae | *Apletodon dentatus* |  |  | 88.0 |  |  |  |  |  | 1.5 |  | 27.5 | 3.1 |  |
|  |  | Perciformes | Blenniidae | undet. Bleniidae |  |  |  |  |  |  |  |  |  |  | 9.3 |  |  |
|  |  |  | Callionymidae | *Callionymus lyra* |  |  |  |  |  |  |  |  | 4.7 |  |  |  |  |
|  |  |  | Gobiidae | Gobiidae |  |  |  |  | 225.7 | 267.6 | 45.8 |  | 312.9 | 149.2 | 295.0 | 53.0 | 20.5 |
|  |  |  |  | *Pomatoschistus* |  |  |  |  |  |  |  |  |  |  |  |  | 6.8 |
|  |  |  | Labridae | *Symphodus bailloni* |  |  |  |  |  |  |  |  | 36.8 |  |  |  |  |
|  |  |  |  | *Symphodus cinereus* |  |  |  |  | 400.0 |  |  | 672.0 |  |  |  | 21.3 |  |
|  |  | Pleuronectiformes | Bothidae | *Arnoglossus thori* |  |  |  |  |  |  |  |  |  |  |  |  | 16.0 |
|  |  |  | Soleidae | undet. Soleidae |  |  |  | 3309 |  |  |  |  |  |  | 10.8 | 116.0 |  |
|  |  | Syngnathiformes | Syngnathidae | *Entelurus aequoreus* |  | 74.7 |  |  |  |  |  |  |  |  |  | 3.0 |  |
|  |  |  |  | *Hippocampus guttulatus* |  |  |  |  |  |  |  |  | 206.7 |  | 177.3 | 165.8 |  |
|  |  |  |  | *Hippocampus hippocampus* |  |  |  |  |  |  |  | 112.0 | 88.7 | 156.8 | 168.0 | 9.0 |  |
|  |  |  |  | *Nerophis ophidion* |  |  | 1351 |  |  |  |  |  |  |  | 18.8 | 0.8 |  |
|  |  |  |  | *Syngnathus acus* |  |  |  |  |  |  | 1008 |  |  |  | 28.0 | 22.4 |  |
|  |  |  |  | *Syngnathus typhle* |  |  |  |  |  |  |  |  | 18.7 |  |  |  |  |
| Chordata | Ascidiacea | Aplousobranchia | Didemnidae | undet. Didemnidae |  |  |  |  |  | 34.9 |  |  | 7.3 |  | 360.5 | 79.6 | 4.2 |
|  |  | Phlebobranchia | Ascidiidae | *Ascidiella aspersa* |  |  |  |  |  | 263.7 |  | 3448 | 1678 | 125.4 | 12824 | 74.6 | 0.0746 |
|  |  |  | Cionidae | *Ciona intestinalis* |  |  |  |  |  | 52.2 |  |  | 13.1 |  | 19.6 | 79.4 |  |
|  |  | Stolidobranchia | Styelidae | *Styela clava* |  |  |  |  |  |  |  |  |  |  | 16.7 | 4.0 | 14.5 |
|  |  |  |  | *Styela plicata* |  |  |  |  |  |  |  | 313.4 |  |  | 107.0 | 2.1 | 33.6 |
|  |  |  | Molgulidae | undet. Molgulidae |  |  |  |  |  | 7.7 |  | 23.0 | 61.3 |  | 5.7 | 25.7 | 1.1 |
|  |  | other Ascidiacea | | undet. Ascidiacea (sp#1) |  |  |  |  |  |  |  | 18.2 | 1.5 |  | 28.8 | 8.3 |  |
|  |  |  |  | undet. Ascidiacea (sp#2) |  |  |  |  |  |  |  |  |  | 21.8 | 22.8 | 1.0 | 0.9 |
| Cnidaria | Anthozoa | Actiniaria | Actiniidae | *Anemonia viridis* |  |  |  |  |  |  |  |  | 0.2 |  |  | 0.2 |  |
|  |  | Actiniaria | Hormathiidae | *Calliactis parasitica* |  |  |  |  |  |  |  |  | 13.3 |  | 14.0 |  |  |
|  |  | Actiniaria |  | undet. Actiniaria (sp#1) |  |  |  |  |  |  |  |  |  |  |  | 0.1 |  |
| Echinodermata | Asteroidea | Forcipulatida | Asteriidae | *Asterias rubens* |  |  |  |  |  |  |  |  | 4125 | 26031 | 2908 | 100.2 | 18.1 |
|  |  | Forcipulatida | Asteriidae | *Marthasterias glacialis* |  |  |  |  |  |  |  |  | 378.6 |  |  | 113.6 | 345.3 |
|  |  | Paxillosida | Astropectinidae | *Astropecten irregularis* |  |  |  |  |  |  |  |  |  |  |  | 11.0 |  |
|  |  | Valvatida | Asterinidae | *Asterina gibbosa* |  |  |  |  |  |  |  | 379.4 | 11.5 |  |  | 5.5 |  |
|  | Echinoidea | Camarodonta | Parechinidae | *Psammechinus miliaris* |  |  |  |  | 8.7 | 1619 |  |  | 1255 | 1360 | 2449 | 19.4 | 11.6 |
|  |  | Spatangoida | Loveniidae | *Echinocardium cordatum* | 1.9 |  |  |  |  |  |  |  | 2814 |  | 202.4 | 51.8 |  |
|  | Ophiuroidea | Ophiurida | Ophiotrichidae | *Ophiothrix fragilis* |  |  |  |  | 0.0 |  |  |  | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 |
| Mollusca | Bivalvia | Cardiida | Cardiidae | *Acanthocardia tuberculata* |  |  |  |  |  |  |  |  | 9.2 |  | 12.5 | 13.8 |  |
|  |  |  |  | *Cerastoderma edule* |  |  |  | 35.6 | 3.1 | 7.8 |  |  | 780.0 | 3.6 |  | 638.5 | 1.3 |
|  |  |  |  | *Laevicardium crassum* |  |  |  |  |  |  |  |  |  |  | 20.2 | 0.1 |  |
|  |  |  | Donacidae | *Donax trunculus* | 0.9 |  |  | 6.4 |  |  |  |  |  |  |  |  |  |
|  |  | Limida | Limidae | *Limaria hians* |  |  |  |  | 39.0 |  |  |  |  |  |  |  |  |
|  |  | Mytilida | Mytilidae | *Modiolus barbatus* |  |  |  |  | 12.2 |  |  |  |  |  | 8.1 |  |  |
|  |  |  |  | *Mytilus edulis* | 22.6 |  |  |  | 129.9 | 6.6 | 4737 | 26874 | 145176 | 2684 | 294.0 | 58.5 | 17.6 |
|  |  | Ostreida | Ostreidae | *Crassostrea gigas* |  |  |  |  | 2107 | 5292 |  |  | 111.8 |  |  | 14.3 | 19.9 |
|  |  |  |  | *Ostrea edulis* |  |  |  |  |  |  |  |  |  |  |  |  | 4.0 |
|  |  | Pectinida | Pectinidae | *Mimachlamys varia* |  |  |  |  | 280.8 |  |  | 2868 | 409.9 | 2415 | 2285 | 88.4 |  |
|  |  | Venerida | Veneridae | *Chamelea gallina* | 0.3 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | *Polititapes aureus* |  |  |  |  |  |  |  |  |  |  | 0.3 | 1.0 | 0.2 |
|  |  |  |  | *Polititapes rhomboides* |  |  |  |  |  |  |  |  | 0.4 |  |  |  |  |
|  |  |  |  | *Ruditapes philippinarum* |  |  |  |  | 5.3 | 60.3 |  | 47.5 | 80.0 | 24.7 | 6.2 | 436.4 | 23.2 |
|  |  |  |  | *Venerupis corrugata* |  |  |  |  |  |  |  |  |  |  | 1.5 |  |  |
|  |  |  | Mactridae | *Mactra glauca* | 766.8 |  |  |  |  |  | 4.8 |  |  |  |  |  | 0.4 |
|  |  |  |  | *Spisula* |  |  |  |  |  |  |  |  | 1.5 |  |  | 1.1 |  |
|  | Gastropoda | Anaspidea | Akeridae | *Akera bullata* |  |  |  |  |  |  |  |  |  |  |  | 0.1 |  |
|  |  |  | Aplysiidae | *Aplysia punctata* |  |  |  |  |  |  |  | 5.0 |  |  |  | 0.1 |  |
|  |  | Cephalaspidea | Haminoeidae | *Haminoea navicula* |  |  |  |  |  |  |  | 0.6 | 0.2 |  | 0.0 | 0.4 |  |
|  |  |  | Philinidae | *Philine quadripartita* |  |  |  |  |  |  |  |  |  |  | 0.1 | 0.0 |  |
|  |  | Littorinimorpha | Calyptraeidae | *Calyptraea chinensis* |  |  |  |  |  |  |  | 3.5 | 0.6 |  |  | 0.6 | 0.3 |
|  |  |  |  | *Crepidula fornicata* | 3.0 | 500 | 0.0 | 40.0 | 500 | 2000 | 300 | 3100 | 4500 | 17500 | 68000 | 8100 | 800 |
|  |  |  | Littorinidae | *Littorina littorea* |  |  |  |  |  |  |  |  | 1.6 |  | 0.2 | 4.8 |  |
|  |  |  | Naticidae | *Euspira catena* | 0.2 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Neogastropoda | Muricidae | *Ocenebra erinaceus* |  |  |  |  | 56.4 |  |  | 494.5 | 359.8 | 329.7 | 243.1 | 227.0 | 27.5 |
|  |  |  | Nassariidae | *Nassarius incrassatus* |  |  |  |  |  |  |  | 70.8 | 11.8 |  | 17.7 | 9.4 |  |
|  |  |  |  | *Cyclope neritea* | 0.7 |  |  |  |  |  |  |  | 12.3 |  | 2.4 | 21.2 | 1.2 |
|  |  |  |  | *Nassarius reticulatus* | 28.4 | 47.2 |  | 18.3 | 101.1 | 1321 | 468.5 | 4177 | 3628 | 623.0 | 1533 | 4187 | 391.8 |
|  |  | Nudibranchia | Dorididae | *Doris pseudoargus* |  |  |  |  |  |  |  | 30.7 |  |  | 4.9 |  |  |
|  |  |  |  | other Dorididae |  |  |  |  |  |  |  |  |  |  |  |  | 0.1 |
|  |  | Pleurobranchomorpha | Pleurobranchidae | *Berthella plumula* |  |  |  |  |  |  |  |  |  |  | 4.9 |  |  |
|  |  |  | Fissurellidae | *Diodora graeca* |  |  |  |  |  |  |  | 382.4 |  |  | 175.3 | 8.5 |  |
|  |  |  | Trochidae | *Gibbula albida* |  |  |  |  | 2.0 |  |  |  | 1.4 |  | 0.6 | 0.6 |  |
|  |  |  |  | *Gibbula cineraria* |  |  | 889 |  |  |  |  |  |  |  | 105.9 |  | 0.3 |
|  |  |  |  | *Gibbula magus* |  | 25.9 |  |  | 5.6 |  |  | 77.8 | 13.0 |  | 19.5 | 29.8 | 13.9 |
|  |  |  |  | *Gibbula umbilicalis* |  |  |  |  |  |  |  |  |  |  |  | 35.6 | 0.7 |
|  | Scaphopoda | Dentaliida | Dentaliidae | *Antalis vulgaris* |  |  |  |  |  |  |  |  | 1.5 |  |  | 0.5 |  |
| Porifera | Demospongiae | Clionaida | Clionaidae | *Cliona celata* |  |  |  |  | 389856 | 1533 | 282 | 110944 | 597.0 | 282.2 | 2283 | 656.1 | 16.1 |
|  |  | Dictyoceratida | Dysideidae | *Dysidea fragilis* |  |  |  |  | 1413 | 2850 |  | 103.0 | 301.7 | 129.9 | 6472 | 106.3 | 181.5 |
|  |  | Suberitida | Halichondriidae | *Ciocalypta penicillus* |  |  |  |  | 32.2 |  |  |  |  |  |  |  |  |
|  |  |  |  | *Halichondria (Halichondria) panicea* |  |  |  |  |  |  |  |  |  |  | 42.3 | 10.5 |  |
|  |  | other Demospongiae | | undet. Porifera (sp#1) |  |  |  |  | 370.8 |  |  | 2257 |  |  | 206.9 | 13.4 |  |
|  |  |  |  | undet. Porifera (sp#2) |  |  |  |  |  |  |  | 6518 |  |  |  |  |  |
|  |  |  |  | undet. Porifera (sp#3) |  |  |  |  |  |  |  |  |  |  |  | 4.0 |  |
|  |  |  |  | undet. Porifera (sp#4) |  |  |  |  |  |  |  |  |  |  |  | 1.1 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |