**Supplementary material S3**

Table S3. Distribution of families across all the stations (pooled data) and discriminated into three categories according to depth.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Families | N | S | ≤ 50 m |  50 – 100 m | > 100 m |
| Nuculidae | 18 | 2 | 5 | 5 | 8 |
| Neilonellidae | 122 | 1 | 0 | 122 | 0 |
| Sareptidae | 6 | 1 | 3 | 3 | 0 |
| Malletidae | 28 | 1 | 0 | 27 | 1 |
| Glycimerididae | 44 | 2 | 0 | 31 | 13 |
| Pinnidae | 8 | 1 | 1 | 7 | 0 |
| Ostreidae | 3 | 1 | 0 | 3 | 0 |
| Mytilidae | 112 | 2 | 57 | 50 | 5 |
| Plicatulidae | 76 | 1 | 5 | 71 | 0 |
| Pectinidae | 399 | 2 | 78 | 157 | 164 |
| Limidae | 2 | 1 | 0 | 0 | 2 |
| Carditidae | 7 | 1 | 0 | 0 | 7 |
| Ungulinidae | 12 | 1 | 8 | 4 | 0 |
| Mactridae | 139 | 5 | 111 | 28 | 0 |
| Mesodesmatidae | 4 | 1 | 4 | 0 | 0 |
| Veneridae | 430 | 7 | 197 | 168 | 65 |
| Hiatellidae | 12 | 2 | 6 | 3 | 3 |
| Tellinidae | 20 | 3 | 8 | 12 | 0 |
| Semelidae | 76 | 2 | 39 | 37 | 0 |
| Corbulidae | 9 | 2 | 1 | 8 | 0 |
| Myidae | 1 | 1 | 1 | 0 | 0 |
| Pandoridae | 53 | 1 | 0 | 16 | 37 |
| Nacellidae | 2 | 1 | 1 | 1 | 0 |
| Fissurellidae | 5 | 3 | 0 | 4 | 1 |
| Calliostomatidae | 58 | 5 | 28 | 17 | 13 |
| Tegullidae | 2 | 1 | 0 | 2 | 0 |
| Trochida Indet | 4 | 1 | 0 | 4 | 0 |
| Calyptraeidae | 319 | 6 | 166 | 122 | 31 |
| Naticidae | 28 | 3 | 6 | 14 | 8 |
| Cymatiidae | 15 | 1 | 0 | 5 | 10 |
| Newtoniellidae | 4 | 1 | 4 | 0 | 0 |
| Epitoniidae | 11 | 1 | 2 | 6 | 3 |
| Muricidae | 90 | 7 | 41 | 45 | 4 |
| Marginellidae | 11 | 1 | 0 | 0 | 11 |
| Cominellidae | 20 | 3 | 5 | 11 | 4 |
| Volutidae | 20 | 2 | 5 | 7 | 8 |
| Borsoniidae | 1 | 1 | 0 | 0 | 1 |
| Conoidea | 1 | 1 | 1 | 0 | 0 |
|  | 2172 | 79 | 783 | 990 | 399 |

N, number of specimens; S, number of species.