**Table S2.** Similarity percentage analysis (SIMPER) of litter composition for each pooled physiographic settings (based on similarities revealed by ANOSIM ) and the contribution of litter category to group similarity.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Pooled physiographic settings** | **Average group similarity:**  | **Litter category** | **Average Similarity** | **Ratio****(Similarity/Standard deviation)** | **Percentage Contribution** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| RIDGE and SBM | 48.82 | Fishing gear | 44.08 | 1.03 | 90.29 |
|  |  |  |  |  |  |
| CANY and SHELF | 47.91 | Plastic | 39.17 | 1.04 | 81.75 |
|  |  |  |  |  |  |
| BASIN and SLOPE | 48.95 | Plastic | 22.49 | 1.45 | 45.72 |
|  |  | Clinker | 17.13 | 0.86 | 34.82 |
|  |  | Fishing gear | 2.63 | 0.27 | 5.35 |
|  |  | Other | 4.31 | 0.46 | 8.77 |
|  |  |  |  |  |  |