**Table S5. Results of similarity percentage analysis (SIMPER**), based on Bray-Curtis similarities, showing within-group similarities in AMD composition for the four sampled regions. (A) All AMD items, (B) only items with pelagic epibionts. Only items found during quantitative daily samplings within the defined sampling sections were included (no items from opportunistic samplings).

**A) All AMD items**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Litter** **category** | **Abundance (mean)** | **Similarity (mean)** | **Similarity \* SD-1** | **Contribution [%]** | **Cumulative Contribution [%]** |
| **Group Oceanic\_Rapa Nui: Average similarity: 80.96** |
| **Hard plastics** | 66.95 | 58.03 | 3.96 | 71.67 | 71.67 |
| **Ropes** | 31.05 | 22.41 | 2.30 | 27.68 | 99.36 |
| **Group Continental\_South: Average similarity: 72.74** |
| **Ropes** | 50.96 | 43.00 | 3.49 | 59.12 | 59.12 |
| **Thin plastics** | 22.83 | 15.36 | 1.98 | 21.12 | 80.24 |
| **Hard plastics** | 12.46 | 8.05 | 1.81 | 11.06 | 91.30 |
| **Group Continental\_Center: Average similarity: 72.98** |
| **Thin plastics** | 58.38 | 48.91 | 3.14 | 67.01 | 67.01 |
| **Hard plastics** | 20.50 | 12.36 | 1.41 | 16.94 | 83.95 |
| **Other plastics** | 9.88 | 5.92 | 1.74 | 8.10 | 92.06 |
| **Group Continental\_North: Average similarity: 74.83** |
| **Ropes** | 32.50 | 26.74 | 4.32 | 35.73 | 35.73 |
| **Thin plastics** | 28.08 | 23.75 | 3.51 | 31.74 | 67.47 |
| **Other plastics** | 20.33 | 16.85 | 4.65 | 22.52 | 89.98 |
| **Other, mix** | 11.17 | 5.15 | 1.16 | 6.88 | 96.87 |

**B) Items with pelagic epibionts only**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Litter** **category** | **Abundance (mean)** | **Similarity (mean)** | **Similarity \* SD-1** | **Contribution [%]** | **Cumulative Contribution [%]** |
| **Group Oceanic\_Rapa Nui: Average similarity: 93.79** |
| **Hard plastics** |  96.37 |  93.26 |  10.80 |  99.44 | 99.44 |
| **Group Continental\_South: Average similarity: 20.00** |
| **Ropes** | 33.33 | 6.67 | 0.26 | 33.33 | 33.33 |
| **Other, Mix** | 33.33 | 6.67 | 0.26 | 33.33 | 66.67 |
| **Hard plastics** | 33.33 | 6.67 | 0.26 | 33.33 | 100.00 |
| **Group Continental\_Center: Average similarity: 34.98** |
| **Thin plastics** |  44.22 |  20.89 |  0.72 |  59.73 | 59.73 |
| **Hard plastics** |  27.73 |  11.72 |  0.64 |  33.51 | 93.24 |