Supplementary Table S2

Mean density (ind./10cm²) and mean richness (number of groups/genera) of meiofauna and Nematoda in each environment, zone, and layer.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | **Meiofauna** | | **Nematoda** | |
|  | | **Density** | **Richness** | **Density** | **Richness** |
| Sandy A | | 6.95 | 2.48 | 1.47 | 0.68 |
| Sandy B | | 3.36 | 1.15 | 0.62 | 0.28 |
| Muddy A | | 165.38 | 2.37 | 156.32 | 4.04 |
| Muddy B | | 77.59 | 1.75 | 72.43 | 3.51 |
| **Sandy A** | | | | | |
| P1 | | 5.85 | 2.46 | 1.22 | 0.60 |
| P2 | | 4.62 | 1.80 | 0.47 | 0.26 |
| P3 | | 10.37 | 3.20 | 2.73 | 1.20 |
| P1 | 0-2 | 6.60 | 2.33 | 3.30 | 1.00 |
| 2-4 | 5.18 | 2.66 | 0.94 | 0.66 |
| 4-6 | 2.83 | 1.00 | 0.47 | 0.33 |
| 6-8 | 8.96 | 3.33 | 2.35 | 0.66 |
| 8-10 | 5.66 | 3.00 | 0.47 | 0.33 |
| P2 | 0-2 | 3.77 | 1.66 | 0.47 | 0.33 |
| 2-4 | 2.35 | 1.00 | --- | --- |
| 4-6 | 4.24 | 2.33 | 0.47 | 0.33 |
| 6-8 | 6.13 | 2.33 | 0.47 | --- |
| 8-10 | 6.60 | 1.66 | 0.94 | 0.66 |
| P3 | 0-2 | 4.24 | 1.66 | 2.83 | 1.66 |
| 2-4 | 10.85 | 3.33 | 5.18 | 2.33 |
| 4-6 | 13.68 | 3.66 | 1.88 | --- |
| 6-8 | 14.62 | 4.00 | 0.94 | 0.66 |
| 8-10 | 8.49 | 3.33 | 2.83 | 1.33 |
| **Sandy B** | | | | | |
| P1 | | 1.88 | 0.86 | 0.94 | 0.40 |
| P2 | | 1.79 | 0.80 | 0.37 | 0.20 |
| P3 | | 6.41 | 1.80 | 0.56 | 0.26 |
| P1 | 0-2 | 3.30 | 2 | 3.30 | 1.33 |
| 2-4 | --- | --- | --- | --- |
| 4-6 | 1.41 | 0.66 | --- | --- |
| 6-8 | 0.47 | 0.33 | --- | --- |
| 8-10 | 4.24 | 1.33 | 1.41 | 0.66 |
| P2 | 0-2 | 0.47 | 0.33 | --- | --- |
| 2-4 | 0.94 | 0.33 | 1.88 | 0.66 |
| 4-6 | --- | --- | --- | --- |
| 6-8 | 2.83 | 1.66 | 0.94 | 0.33 |
| 8-10 | 4.71 | 1.66 | --- | --- |
| P3 | 0-2 | 4.24 | 2.66 | --- | --- |
| 2-4 | 1.88 | 1.33 | --- | 0.66 |
| 4-6 | 0.94 | 0.66 | 0.47 | --- |
| 6-8 | 8.49 | 2.33 | 0.47 | 0.33 |
| 8-10 | 16.51 | 2.00 | 1.41 | 0.33 |
| **Muddy A** | | | | | |
| P1 | | 187.84 | 2.20 | 26.61 | 4.00 |
| P2 | | 188.06 | 2.73 | 21.04 | 3.60 |
| P3 | | 132.20 | 2.20 | 24.34 | 4.53 |
| P1 | 0-2 | 753.47 | 4.33 | 712.90 | 9.66 |
| 2-4 | 76.43 | 1.33 | 75.01 | 6.00 |
| 4-6 | 37.74 | 1.33 | 35.85 | 1.66 |
| 6-8 | 5.66 | 0.66 | 4.24 | 1.00 |
| 8-10 | 6.13 | 2.00 | 4.24 | 1.66 |
| P2 | 0-2 | 888.88 | 5.33 | 840.29 | 8.33 |
| 2-4 | 10.37 | 2.33 | 7.07 | 2.66 |
| 4-6 | 4.71 | 1.66 | 2.35 | 0.66 |
| 6-8 | 9.43 | 2.00 | 4.71 | 1.66 |
| 8-10 | 26.89 | 2.33 | 19.81 | 4.66 |
| P3 | 0-2 | 599.19 | 4.66 | 587.40 | 10.00 |
| 2-4 | 41.51 | 1.66 | 33.97 | 7.66 |
| 4-6 | 15.56 | 2.33 | 13.68 | 3.00 |
| 6-8 | 2.35 | 1.66 | 0.94 | 0.66 |
| 8-10 | 2.35 | 0.66 | 2.35 | 1.33 |
| **Muddy B** | | | | | |
| P1 | | 71.05 | 1.73 | 17.74 | 3.46 |
| P2 | | 71.24 | 2.00 | 17.07 | 3.06 |
| P3 | | 90.49 | 1.53 | 18.49 | 4.00 |
| P1 | 0-2 | 332.62 | 5.33 | 314.22 | 10.33 |
| 2-4 | 14.62 | 1.33 | 14.15 | 4.33 |
| 4-6 | 2.35 | 1.33 | 1.88 | 1.00 |
| 6-8 | 5.66 | 0.66 | 5.18 | 1.66 |
| 8-10 | --- | --- | --- | --- |
| P2 | 0-2 | 336.40 | 5.00 | 320.35 | 8.00 |
| 2-4 | 13.68 | 2.00 | 11.32 | 5.33 |
| 4-6 | 2.83 | 1.33 | 2.35 | 1.00 |
| 6-8 | 2.35 | 1.33 | 1.41 | 0.66 |
| 8-10 | 0.94 | 0.33 | 0.94 | 0.33 |
| P3 | 0-2 | 421.79 | 4.33 | 389.24 | 10.66 |
| 2-4 | 28.30 | 2.33 | 17.69 | 8.00 |
| 4-6 | 1.41 | 0.33 | 1.41 | 1.00 |
| 6-8 | 0.94 | 0.66 | 0.47 | 0.33 |
| 8-10 | --- | --- | --- | --- |

---represents zero