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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary Material 3.A.** List of species used for morphometric, particle size and elemental analyses. N1= number of specimens from each site. N2= total number of specimens. | | | | | | | |
| Species | N1 | N2 | Light images | Morphometric comparisons | SEM images | Particle size analysis | ESEM-EDS |
| *Adercotryma glomerata* | P4 (5), H4 (6) | 11 | 11 | 11 | 11 | 11 | 11 |
| *Ammobaculites agglutinans* | H1 (1) | 1 | 1 | 1 | 1 | 1 | 1 |
| *Cribrostomoides subglobosus* | H1 (1), P3 (1) | 2 | 2 | 2 | 2 | 2 | 2 |
| *Lagenammina* aff. *arenulata* \*1 | P4 (5), H1 (4), H4 (8) | 17 | 17 | 17 | 16 | 16 | 16 |
| *Nodulina dentaliniformis* \*2 | P3 (2), P4 (3), H1 (1), H4 (2) | 8 | 8 | 8 | – | – | – |
| *Portatrochammina murrayi* | P3 (1), H4 (3) | 4 | 4 | 4 | 4 | 4 | 4 |
| *Recurvoides* sp.1 | H1 (1) | 1 | 1 | 1 | 1 | 1 | 1 |
| *Reophax* sp. 9 | H4 (2) | 2 | 2 | 2 | 2 | 2 | 2 |
| *Reophax* sp. 21 \*3 | P4, H4 | 12 | 12 | 11 | 12 | 12 | 12 |
| *Reophax* sp. 28 \*4 | P4, H1 | 7 | 7 | 3 | 7 | 7 | 7 |
| **Total** |  | **65** | **65** | **60** | **56** | **56** | **56** |
| \*1 = One specimen collapsed upon transfer to SEM stubs  \*2 = All eight specimens collapsed upon transfer to SEM stubs  \*3 = Three specimens producing long spicules were not used for morphometric analysis  \*4 = Specimens producing long spicules and others collapsing upon transfer to SEM stubs | | | | | | | |