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| **Supplementary Material 4.B.1.** Density of 'live' (Rose-Bengal-stained) specimens (complete and fragmentary) and number of species per station (see also Table 4.1). (N= density of complete specimens; NF: density of fragments;SN: number of species with complete tests; SN+NF: number of species including fragmentary tests). | | | | | | | | | | | | | | | | |
|  | H1 |  |  |  | H2 | H4 |  |  | P3 |  |  |  | P4 |  |  |  |
| **Station** | **-53** | **-60** | **-61** | **-115** | **-129** | **-123** | **-126** | **-128** | **66** | **-67** | **-101** | **-131** | **-73** | **-75** | **-76** | **-77** |
| Density |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| N 25.5 cm-2 | 153 | 65 | 117 | 116 | 134 | 322 | 142 | 180 | 84 | 105 | 122 | 135 | 87 | 70 | 175 | 85 |
| N 10 cm-2 | 64 | 25 | 46 | 45 | 53 | 126 | 56 | 71 | 33 | 41 | 48 | 53 | 34 | 27 | 69 | 33 |
| NF25.5 cm-2 | 0 | 56 | 132 | 121 | 11 | 197 | 28 | 189 | 357 | 2 | 4 | 1183 | 25 | 73 | 56 | 11 |
| NF10 cm-2 | 0 | 22 | 52 | 47 | 4 | 77 | 11 | 74 | 140 | 1 | 2 | 464 | 10 | 29 | 22 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Species richness | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SN | 45 | 23 | 37 | 33 | 39 | 52 | 40 | 49 | 27 | 35 | 34 | 39 | 36 | 28 | 45 | 29 |
| SN+NF | 48 | 32 | 46 | 39 | 41 | 70 | 44 | 53 | 33 | 36 | 37 | 47 | 38 | 37 | 48 | 32 |

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| **Supplementary Material 4.B.2.** Absolute and relative (%) densities (number of specimens per four Megacorer samples for H1, P3, P4, 102 cm2; three samples for H4, 76.5 cm2; one sample for H2, 25.5 cm2) of the major taxa and informal groupings based on complete (N) and fragmentary (NF) ‘live’ (Rose-Bengal-stained) specimens for each study site. The informal term ‘saccamminids’ is used for flask-shaped monothalamids with one or two apertures. | | | | | | | | | | | | | | | | | | | | |
|  | **H1** |  |  |  | **H2** |  |  |  | **H4** |  |  |  | **P3** |  |  |  | **P4** |  |  |  |
| Major grouping | N | %N | NF | %NF | N | %N | NF | %NF | N | %N | NF | %NF | N | %N | NF | %NF | N | %N | NF | %NF |
| **Monothalamids** |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Lagenammina* | 48 | 10.4 | 0 | 0 | 16 | 12 | 0 | 0 | 24 | 3.7 | 0 | 0 | 48 | 10.8 | 0 | 0 | 66 | 15.8 | 0 | 0 |
| *Nodellum*-like | 13 | 2.8 | 0 | 0 | 2 | 1.5 | 0 | 0 | 30 | 4.7 | 0 | 0 | 3 | 0.7 | 0 | 0 | 5 | 1.2 | 0 | 0 |
| Organic-walled | 16 | 3.5 | 0 | 0 | 1 | 0.7 | 0 | 0 | 19 | 2.9 | 0 | 0 | 6 | 1.3 | 2 | 0.1 | 1 | 0.2 | 1 | 0.6 |
| ‘Saccamminids’ | 31 | 6.7 | 0 | 0 | 7 | 5.2 | 0 | 0 | 6 | 0.9 | 0 | 0 | 16 | 3.6 | 0 | 0 | 20 | 4.8 | 0 | 0 |
| Spheres (no aperture) | 21 | 4.6 | 0 | 0 | 4 | 3 | 0 | 0 | 40 | 6.2 | 0 | 0 | 16 | 3.6 | 0 | 0 | 3 | 0.7 | 0 | 0 |
| Tubular | 6 | 1.3 | 308 | 99.7 | 1 | 0.7 | 11 | 100 | 0 | 0 | 406 | 98.1 | 1 | 0.2 | 1540 | 99.6 | 1 | 0.2 | 164 | 99.4 |
| Others | 63 | 13.7 | 0 | 0 | 29 | 21.7 | 0 | 0 | 51 | 7.9 | 1 | 0.2 | 44 | 9.9 | 0 | 0 | 33 | 7.9 | 0 | 0 |
| **Multichambered** |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ammodiscacea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.5 | 0 | 0 |
| Hormosinacea | 114 | 24.7 | 1 | 0.3 | 19 | 14.2 | 0 | 0 | 140 | 21.7 | 4 | 1.0 | 106 | 23.8 | 1 | 0.1 | 128 | 30.7 | 0 | 0 |
| Lageniida | 5 | 1.1 | 0 | 0 | 2 | 1.5 | 0 | 0 | 3 | 0.5 | 0 | 0 | 5 | 1.1 | 0 | 0 | 9 | 2.2 | 0 | 0 |
| Milioliida | 16 | 3.4 | 0 | 0 | 4 | 3 | 0 | 0 | 14 | 2.2 | 0 | 0 | 8 | 1.8 | 0 | 0 | 7 | 1.7 | 0 | 0 |
| Rotaliida | 51 | 11.1 | 0 | 0 | 7 | 5.2 | 0 | 0 | 79 | 12.3 | 0 | 0 | 84 | 18.8 | 0 | 0 | 61 | 14.6 | 0 | 0 |
| Textulariida | 16 | 3.5 | 0 | 0 | 9 | 6.7 | 0 | 0 | 43 | 6.7 | 0 | 0 | 24 | 5.4 | 3 | 0.2 | 19 | 4.6 | 0 | 0 |
| Trochamminacea | 61 | 13.2 | 0 | 0 | 33 | 24.6 | 0 | 0 | 194 | 30.1 | 3 | 0.7 | 85 | 19 | 0 | 0 | 62 | 14.9 | 0 | 0 |
| Total number of specimens | 461 |  | 309 |  | 134 |  | 11 |  | 644 |  | 414 |  | 446 |  | 1546 |  | 417 |  | 165 |  |
| Total percentages |  | 100 |  | 100 |  | 100 |  | 100 |  | 100 |  | 100 |  | 100 |  | 100 |  | 100 |  | 100 |

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| **Supplementary Material 4.B.3.** Total number of ‘live’ (Rose-Bengal-stained) species (complete and fragmentary; SN+NF) within each major taxon and informal grouping per study site (four samples for H1, P3, P4; three samples for H4; one sample for H2). | | | | | |
|  | **H1** | **H2** | **H4** | **P3** | **P4** |
| Major grouping | SN+NF | SN+NF | SN+NF | SN+NF | SN+NF |
| **Monothalamids** |  | |  |  |  |
| *Lagenammina* | 5 | 5 | 7 | 7 | 8 |
| *Nodellum*-like | 2 | 2 | 3 | 2 | 2 |
| Organic-walled | 2 | 1 | 1 | 3 | 1 |
| ‘Saccamminids’ | 6 | 2 | 2 | 3 | 7 |
| Spheres (no aperture) | 5 | 2 | 3 | 3 | 2 |
| Tubular | 18 | 3 | 18 | 11 | 10 |
| Others | 1 | 1 | 2 | 2 | 2 |
| **Multichambered** |  | |  |  |  |
| Ammodiscacea | 0 | 0 | 1 | 0 | 2 |
| Hormosinacea | 17 | 10 | 18 | 17 | 18 |
| Lageniida | 3 | 2 | 3 | 4 | 7 |
| Milioliida | 5 | 2 | 3 | 4 | 2 |
| Rotaliida | 13 | 5 | 18 | 18 | 13 |
| Textulariida | 7 | 3 | 10 | 9 | 4 |
| Trochamminacea\* | 6 | 3 | 10 | 4 | 4 |
| Total number of species | 90 | 41 | 99 | 87 | 82 |

\*H4 has significant more trochamminaceans spp. than H1, P3 and P4 (ANOVA and Tukey’s, p<0.05).

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| **Supplementary Material 4.B.4.** Ten top-ranked species with complete (N) and fragmentary (NF) tests, taking all samples as a whole (hills and plain combined). (Pr: number of samples in which the species is present, Horm: Hormosinacea, Lag: *Lagenammina*, Nod: *Nodellum*-like, Rot: Rotaliida, Sac: ‘Saccamminids’, Sph: Spheres (no aperture), Troch: Trochamminacea, Tub: Tubular). | | | | | | | | | | | |
| Rank | Group | Species | N | N% | Pr | Rank | Group | Species | NF | NF% | Pr |
| 1 | Troch | *Adercotryma glomerata* | 261 | 12.4 | 16 | 1 | Tub | *Rhizammina algaeformis* | 1130 | 46.2 | 12 |
| 2 | Horm | *Reophax* sp. 21 | 103 | 4.9 | 15 | 2 | Tub | Tubular sp. 27 | 600 | 24.5 | 1 |
| 3 | Lag | *Lagenammina* sp. 19 | 90 | 4.3 | 13 | 3 | Tub | Tubular sp. 12 | 89 | 3.6 | 7 |
| 4 | Rot | *Epistominella exigua* | 81 | 3.9 | 15 | 4 | Tub | Tubular sp. 1 | 82 | 3.4 | 11 |
| 5 | Horm | *Nodulina dentaliniformis* | 78 | 3.7 | 14 | 5 | Tub | Tubular sp. 6 | 75 | 3.1 | 5 |
| 6 | Lag | *Lagenammina* aff. *arenulata* | 68 | 3.2 | 15 | 6 | Tub | Tubular sp. 14 | 74 | 3 | 2 |
| 7 | Sac | *Thurammina albicans* | 52 | 2.5 | 15 | 7 | Tub | Tubular sp. 8 | 60 | 2.5 | 10 |
| 8 | Sph | *Psammosphaera* sp. 1 | 42 | 2 | 7 | 8 | Tub | Tubular sp. 13 | 45 | 1.8 | 6 |
| 9 | Horm | *Reophax* sp. 19 | 42 | 2 | 11 | 9 | Tub | Tubular sp. 9 | 43 | 1.8 | 2 |
| 10 | Rot | *Globocassidulina subglobosa* | 41 | 2 | 14 | 10 | Tub | Tubular sp. 16 | 26 | 1.1 | 3 |

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| **Supplementary Material 4.B.5.** Ten top-ranked species with complete tests (N) per topographic setting (hills, plain). (Pr: number of samples in which the species is present, Horm: Hormosinacea, Lag: *Lagenammina*, Nod: *Nodellum*-like, Org: Organic-walled, Rot: Rotaliida, Sac: ‘Saccamminids’, Spheres (no aperture), Tex: Textulariida, Troch: Trochamminacea). | | | | | | | | | | | |
| **Hills** |  |  |  |  |  | **Plain** |  |  |  |  |  |
| Rank | Group | Species | N | N% | Pr | Rank | Group | Species | N | N% | Pr |
| 1 | Troch | *Adercotryma glomerata* | 167 | 13.5 | 8 | 1 | Troch | *Adercotryma glomerata* | 94 | 10.9 | 8 |
| 2 | Horm | *Reophax* sp. 21 | 68 | 5.5 | 7 | 2 | Lag | *Lagenammina* sp. 19 | 68 | 7.9 | 8 |
| 3 | Horm | *Nodulina dentaliniformis* | 49 | 4 | 8 | 3 | Rot | *Epistominella exigua* | 50 | 5.8 | 8 |
| 4 | Lag | *Lagenammina* aff. *arenulata* | 45 | 3.6 | 7 | 4 | Horm | *Reophax* sp. 21 | 35 | 4.1 | 8 |
| 5 | Sph | *Psammosphaera* sp. 1 | 39 | 3.1 | 5 | 5 | Horm | *Reophax bilocularis* | 30 | 3.5 | 6 |
| 6 | Nod | *Nodellum-*like sp. | 35 | 2.8 | 8 | 6 | Horm | *Nodulina dentaliniformis* | 29 | 3.4 | 6 |
| 7 | Org | Organic-walled domes | 34 | 2.7 | 2 | 7 | Horm | *Reophax* sp. 19 | 29 | 3.4 | 7 |
| 8 | Rot | *Epistominella exigua* | 31 | 2.5 | 7 | 8 | Horm | *Reophax* sp. 28 | 28 | 3.2 | 7 |
| 9 | Tex | *Recurvoides* sp. 1 | 29 | 2.3 | 6 | 9 | Lag | *Lagenammina* aff. *arenulata* | 23 | 2.7 | 8 |
| 10 | Sac | *Thurammina albicans* | 29 | 2.3 | 7 | 10 | Sac | *Thurammina albicans* | 23 | 2.7 | 8 |

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| **Supplementary Material 4.B.6.** Ten top-ranked species with fragmentary tests (NF) per topographic setting (hills, plain). (Pr: number of samples in which the species is present, Tub: Tubular). | | | | | | | | | | | |
| **Hills** |  |  |  |  |  | **Plain** |  |  |  |  |  |
| Rank | Group | Species | N | NF% | Pr | Rank | Group | Species | NF | NF% | Pr |
| 1 | Tub | *Rhizammina algaeformis* | 208 | 28.3 | 6 | 1 | Tub | *Rhizammina algaeformis* | 922 | 53.9 | 6 |
| 2 | Tub | Tubular sp. 14 | 73 | 9.9 | 1 | 2 | Tub | Tubular sp. 27 | 600 | 35.1 | 1 |
| 3 | Tub | Tubular sp. 6 | 70 | 9.5 | 4 | 3 | Tub | Tubular sp. 1 | 46 | 2.7 | 5 |
| 4 | Tub | Tubular sp. 12 | 56 | 7.6 | 4 | 4 | Tub | Tubular sp. 8 | 35 | 2.0 | 6 |
| 5 | Tub | Tubular sp. 9 | 43 | 5.9 | 2 | 5 | Tub | Tubular sp. 12 | 33 | 1.9 | 3 |
| 6 | Tub | Tubular sp. 1 | 36 | 4.9 | 1 | 6 | Tub | Tubular sp. 2 | 10 | 0.6 | 1 |
| 7 | Tub | Tubular sp. 13 | 36 | 4.9 | 3 | 7 | Tub | Tubular sp. 19 | 10 | 0.6 | 1 |
| 8 | Tub | Tubular sp. 8 | 25 | 3.4 | 4 | 8 | Tub | Tubular sp. 13 | 9 | 0.5 | 3 |
| 9 | Tub | Xenophyophore-like tube type 1 | 23 | 3.1 | 1 | 9 | Tub | Tubular sp. 16 | 9 | 0.5 | 1 |
| 10 | Tub | Tubular sp. 15 | 22 | 3.0 | 1 | 10 | Tub | Tubular sp. 6 | 5 | 0.3 | 1 |