**Electronical Supplementary Table S1.** Densities (ind./0.2 m²) of meiofaunal taxa at each station (#1 – #21) on the Great Meteor Seamount plateau, empty cell: absent. The total densities (SUM) for each station in the last row, and for each taxon in the penultimate column. Relative abundances (%) on the plateau for each taxon in the last column.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Middle** | #12 | 59.3 | 1.3 | 696.7 | 4.7 |  |  |  | 1,765.3 |  |  | 26.0 |  | 10.7 | 131.3 | 4.7 | 1,178.7 | 6,888.0 | 22.7 | 25.3 |  | 4.7 |  |  | 20.0 |  | 1.3 | 10,840.7 |
| #11 | 59.3 | 4.7 | 630.7 | 2.0 |  |  |  | 1,395.3 |  |  | 47.3 |  | 6.7 | 100.7 | 24.0 | 1,138.0 | 6,577.3 | 40.0 | 20.0 |  | 4.7 | 0.7 |  | 16.0 | 4.7 | 6.0 | 10,078.0 |
| #10 | 25.3 | 2.0 | 902.7 | 9.3 |  | 0.7 | 6.7 | 1,448.0 |  |  | 12.7 |  | 2.7 | 128.0 |  | 1,012.0 | 10,853.3 | 37.3 | 20.7 |  | 13.3 |  |  | 20.0 | 1.3 | 7.3 | 14,503.3 |
| #9 | 30.7 | 1.3 | 544.7 | 5.3 |  |  | 0.7 | 1,498.7 |  | 0.7 |  |  | 2.0 | 44.7 |  | 92.7 | 5,960.0 | 5.3 | 8.7 |  |  |  |  | 40.0 |  |  | 8,235.3 |
| #8 | 25.3 | 6.0 | 658.7 | 1.3 |  |  | 21.3 | 1,095.3 |  |  | 4.0 |  | 4.0 | 157.3 | 55.3 | 532.0 | 7,064.0 | 11.3 | 26.7 | 0.7 | 5.3 |  | 0.7 | 10.7 |  | 0.7 | 9,680.7 |
| #7 | 28.7 | 0.7 | 259.3 | 2.7 |  |  | 3.3 | 602.7 |  |  |  |  | 4.0 | 36.0 |  | 1,272.7 | 11,053.3 | 4.7 | 4.7 |  | 0.7 | 0.7 |  | 5.3 | 0.7 | 3.3 | 13,283.3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **North** | #6 | 26.7 | 8.0 | 1,414.7 | 6.0 |  |  | 9.3 | 1,439.3 | 0.7 |  | 8.7 |  | 7.3 | 259.3 | 4.0 | 1,114.7 | 12,320.7 | 48.0 | 37.3 |  | 1.3 |  |  | 16.0 |  | 8.0 | 16,730.0 |
| #5 | 16.7 | 8.7 | 1,052.7 | 2.0 |  | 1.3 | 2.0 | 1,512.0 |  |  | 16.0 |  | 3.3 | 160.7 | 10.0 | 1,055.3 | 9,014.0 | 32.7 | 46.0 |  |  |  |  | 17.3 |  | 6.7 | 12,957.3 |
| #4 | 12.7 | 5.3 | 1,142.0 | 8.7 |  |  |  | 1,754.0 |  |  | 37.3 |  | 6.0 | 199.3 | 30.7 | 1,757.3 | 14,559.3 | 48.7 | 32.0 |  | 7.3 |  |  | 9.3 |  | 12.0 | 19,622.0 |
| #3 | 46.7 | 6.7 | 878.0 | 11.3 |  | 1.3 | 11.3 | 1,427.3 | 0.7 |  | 16.7 |  | 5.3 | 111.3 | 0.7 | 588.7 | 12,488.7 | 17.3 | 9.3 |  |  |  |  | 12.7 | 0.7 |  | 15,634.7 |
| #2 | 47.3 | 16.0 | 786.0 | 3.3 |  |  | 7.3 | 1,463.3 |  |  | 12.0 |  | 5.3 | 134.0 |  | 834.7 | 6,030.7 | 57.3 | 38.7 |  | 4.0 |  |  | 11.3 |  | 8.7 | 9,460.0 |
| #1 | 34.0 | 2.7 | 676.7 | 1.3 |  |  |  | 970.7 | 0.7 | 0.7 | 28.7 |  | 0.7 | 93.3 | 0.7 | 999.3 | 6,316.0 | 57.3 | 10.7 |  | 5.3 | 0.7 |  | 2.7 | 2.7 | 4.7 | 9,209.3 |
| **Taxon** | | Acari | Amphipoda | Annelida (incl.fragments) | Bivalvia | Brachiopoda | Chaetognatha | Coelenterata | Copepoda | Cumacea | Gastropoda | Gastrotricha | Holothuroidea | Isopoda | Kinorhyncha | Loricifera | Nauplii | Nematoda | Ostracoda | Others | Pantopoda | Priapulida | Rotifera | Sipunculida | Tanaidacea | Tantulocarida | Tardigrada | SUM |
| **No.** | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

**Electronical Supplementary Table S1.** Continued.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **%** | | 0.3 | 0.0 | 6.6 | 0.1 | 0.0 | 0.0 | 0.0 | 11.4 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.9 | 0.1 | 7.3 | 72.5 | 0.3 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 100.0 |
| **SUM** | | 746.7 | 107.5 | 17,265.5 | 138.8 | 0.5 | 10.8 | 86.3 | 30,013.7 | 4.8 | 5.8 | 367.7 | 1.0 | 160.2 | 2,454.5 | 178.7 | 19,122.2 | 191,109.8 | 794.8 | 549.7 | 0.7 | 67.8 | 2.7 | 0.7 | 327.2 | 17.3 | 113.2 | 263,648.5 |
| **South** | #21 | 65.3 | 4.7 | 760.7 | 7.3 |  |  | 0.7 | 1,889.3 |  |  | 40.7 |  | 22.0 | 81.3 | 4.7 | 524.0 | 7,061.3 | 70.0 | 13.3 |  |  |  |  | 17.3 | 0.7 | 4.7 | 10,568.0 |
| #20 | 71.0 | 5.0 | 813.0 | 27.0 |  |  |  | 1,709.0 |  |  | 3.0 | 1.0 | 20.0 | 51.0 | 5.0 | 579.0 | 11,728.0 | 42.0 | 23.0 |  | 3.0 |  |  | 21.0 | 2.0 | 7.0 | 15,110.0 |
| #19 | 17.3 | 12.0 | 809.3 | 2.7 |  |  |  | 1,410.7 |  |  | 30.0 |  | 7.3 | 85.3 | 12.7 | 911.3 | 7,262.0 | 81.3 | 17.3 |  |  | 0.7 |  | 1.3 |  |  | 10,661.3 |
| #18 | 16.0 | 0.5 | 648.5 | 11.5 | 0.5 | 0.5 | 1.0 | 992.0 | 0.5 | 4.5 | 28.0 | 0.0 | 6.5 | 82.5 | 13.0 | 871.5 | 7,525.5 | 41.5 | 26.0 | 0.0 | 7.5 | 0.0 | 0.0 | 5.5 | 2.0 | 3.5 | 10,288.5 |
| #17 | 30.0 | 5.3 | 1,328.0 | 12.0 |  |  | 1.3 | 1,856.0 | 1.3 |  | 4.7 |  | 20.0 | 210.0 |  | 1,040.7 | 13,534.7 | 64.7 | 46.0 |  | 6.7 |  |  | 21.3 |  | 35.3 | 18,218.0 |
| #16 | 17.3 | 6.0 | 813.3 | 4.0 |  |  | 6.7 | 1,020.0 |  |  |  |  | 3.3 | 78.0 |  | 370.0 | 7,792.0 | 16.7 | 2.7 |  | 2.0 |  |  | 6.7 |  |  | 10,138.7 |
| #15 | 85.3 | 2.0 | 1,127.3 | 12.0 |  |  | 14.7 | 2,039.3 |  |  | 24.0 |  | 14.7 | 142.7 | 6.0 | 1,677.3 | 13,079.3 | 41.3 | 28.7 |  | 2.0 |  |  | 27.3 | 2.7 | 4.0 | 18,330.7 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Middle (cont.)** | #14 | 7.0 | 2.0 | 742.0 | 1.0 |  | 7.0 |  | 1,386.0 | 1.0 |  |  |  | 3.0 | 49.0 | 6.0 | 625.0 | 7,689.0 | 22.0 | 38.0 |  |  |  |  | 12.0 |  |  | 10,590.0 |
| #13 | 24.7 | 6.7 | 580.7 | 3.3 |  |  |  | 1,339.3 |  |  | 28.0 |  | 5.3 | 118.7 | 1.3 | 947.3 | 6,312.7 | 32.7 | 74.7 |  |  |  |  | 33.3 |  |  | 9,508.7 |
| **Taxon** | | Acari | Amphipoda | Annelida (incl.fragments) | Bivalvia | Brachiopoda | Chaetognatha | Coelenterata | Copepoda | Cumacea | Gastropoda | Gastrotricha | Holothuroidea | Isopoda | Kinorhyncha | Loricifera | Nauplii | Nematoda | Ostracoda | Others | Pantopoda | Priapulida | Rotifera | Sipunculida | Tanaidacea | Tantulocarida | Tardigrada | SUM |
| **No.** | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

**Electronical Supplementary Table S2.** Species-station matrix for the 18 families identified to species level. Densities are given (ind./0.2 m²), empty cell: absent. Information about emergent species (E) on the plateau: a: active emergent, n: non-emergent. Total densities (SUM) for each taxon in the last column. Total number of unique species per region in last row.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **SUM** |  |  | 3.3 | 14.7 | 47.0 |  | 45.0 | 1.3 | 1.3 | 40.3 | 3.3 | 2.0 | 13.3 | 24.7 | 3.3 | 31.2 | 17.5 | 19.3 | 2.0 |  | 120.3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **South** | **#21** |  |  | 0.7 | 2.0 | 2.0 |  |  |  |  | 4.7 |  |  |  |  |  |  |  |  |  |  | 6.7 |
| **#20** |  |  |  |  | 3.0 |  | 1.0 |  |  |  |  |  |  |  |  |  |  |  |  |  | 17.0 |
| **#19** |  |  |  |  | 6.0 |  |  |  |  | 2.0 |  | 1.3 |  |  |  | 0.7 |  | 0.7 |  |  | 13.3 |
| **#18** |  |  |  |  | 5.0 |  |  |  |  |  |  |  |  |  |  | 0.5 | 1.5 | 2.0 |  |  | 5.0 |
| **#17** |  |  |  |  | 2.0 |  | 2.7 | 1.3 | 0.7 | 3.3 | 3.3 | 0.7 | 12.0 |  |  | 2.7 |  | 2.0 |  |  | 1.3 |
| **#16** |  |  |  | 0.7 | 1.3 |  | 2.0 |  |  |  |  |  |  | 12.7 | 0.7 | 1.3 |  | 1.3 |  |  | 1.3 |
| **#15** |  |  | 2.0 | 4.0 | 2.7 |  | 3.3 |  | 0.7 | 2.0 |  |  | 0.7 | 3.3 |  | 3.3 | 2.7 |  |  |  | 5.3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Middle** | **#14** |  |  |  |  | 1.0 |  | 6.0 |  |  | 9.0 |  |  |  |  |  |  |  |  |  |  | 7.0 |
| **#13** |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.7 |  |  |  |  |  |  | 5.3 |
| **#12** |  |  |  |  |  |  | 2.7 |  |  | 8.7 |  |  |  | 0.7 |  | 2.7 |  |  | 1.3 |  | 10.7 |
| **#11** |  |  |  | 1.3 |  |  | 6.7 |  |  | 0.7 |  |  |  |  |  | 4.7 | 2.0 |  |  |  | 1.3 |
| **#10** |  |  |  | 1.3 | 0.7 |  | 6.0 |  |  | 3.3 |  |  |  | 6.7 |  | 6.7 | 4.7 |  |  |  | 1.3 |
| **#9** |  |  |  |  | 2.7 |  |  |  |  |  |  |  |  |  |  | 1.3 | 0.7 |  | 0.7 |  | 8.7 |
| **#8** |  |  |  |  |  |  | 0.7 |  |  | 0.7 |  |  |  | 0.7 |  | 0.7 |  | 2.0 |  |  | 2.0 |
| **#7** |  |  |  | 0.7 |  |  | 7.3 |  |  | 4.0 |  |  |  |  | 2.0 | 0.7 | 1.3 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **North** | **#6** |  |  |  |  | 8.7 |  | 0.7 |  |  |  |  |  |  |  |  |  | 0.7 | 2.7 |  |  | 3.3 |
| **#5** |  |  |  |  | 2.7 |  | 0.7 |  |  |  |  |  |  |  |  | 1.3 | 0.7 | 5.3 |  |  | 3.3 |
| **#4** |  |  | 0.7 |  | 4.0 |  | 0.7 |  |  |  |  |  | 0.7 |  |  | 1.3 |  |  |  |  |  |
| **#3** |  |  |  |  | 2.7 |  | 3.3 |  |  | 2.0 |  |  |  |  | 0.7 | 3.3 | 1.3 | 3.3 |  |  | 1.3 |
| **#2** |  |  |  | 2.7 | 2.0 |  | 0.7 |  |  |  |  |  |  |  |  |  | 1.3 |  |  |  | 16.0 |
| **#1** |  |  |  | 2.0 | 0.7 |  | 0.7 |  |  |  |  |  |  |  |  |  | 0.7 |  |  |  | 10.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **E** |  |  | a | a | n |  | a | a | a | a | a | a | ? | n | n | n | n | n | n |  | n |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Taxon** | **Harpacticoida** | **Aegisthidae Giesbrecht, 1893** | Aegisthidae gen. 1 sp. | *Cerviniella* sp.1 | *Cerviniopsis* sp.1 | **Argestidae Por, 1986** | Argestidae gen.1 sp.1 | Argestidae gen.1 sp.2 | *Bodinia meteorensis G*eorge, 2004 | *Bodinia peterrummi* George, 2004 | *Bodinia* sp.1 | *Bodinia* sp.2 | *Dizahavia* sp.1 | *Eurycletodes* sp.1 | *Eurycletodes* sp.2 | *Malacopsyllus* sp.1 | *Malacopsyllus* sp.2 | *Mesocletodes* sp.1 | *Mesocletodes* sp.2 | **Canthocamptidae Brady, 1880** | Canthocamptidae gen.1 sp. |
|  | **No.** |  |  | 1 | 2 | 3 |  | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |  | 17 |

**Electronical Supplementary Table S2.** Continued.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **SUM** |  | 4.7 | 4.0 | 1.3 | 0.7 | 2.0 | 11.3 | 30.7 | 7.0 | 9.0 | 7.3 | 2.0 | 0.7 | 0.7 | 8.7 |  | 3.7 | 3.3 |  | 3.7 |  | 12.0 | 160.7 | 51.2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **South** | **#21** |  | 0.7 | 0.7 |  |  |  |  | 2.7 |  | 0.7 |  |  |  |  |  |  | 0.7 |  |  |  |  | 8.0 | 13.3 | 6.0 |
| **#20** |  |  |  |  |  |  |  |  |  | 3.0 | 2.0 |  |  |  |  |  | 3.0 |  |  |  |  | 4.0 | 14.0 | 8.0 |
| **#19** |  |  |  |  |  |  | 4.0 |  |  |  | 0.7 |  |  |  | 1.3 |  |  |  |  | 1.3 |  |  | 4.0 |  |
| **#18** |  |  |  |  |  |  |  | 2.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 7.0 | 2.5 |
| **#17** |  | 0.7 | 0.7 |  |  | 1.3 | 0.7 | 0.7 |  |  | 0.7 |  |  | 0.7 | 0.7 |  |  |  |  |  |  |  | 1.3 | 0.7 |
| **#16** |  |  |  |  |  |  | 1.3 | 0.7 |  |  |  |  |  |  | 2.7 |  |  |  |  |  |  |  | 1.3 |  |
| **#15** |  |  | 0.7 |  |  |  |  | 2.0 |  | 1.3 |  |  |  |  |  |  |  |  |  |  |  |  | 12.7 | 2.7 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Middle** | **#14** |  |  |  |  |  |  |  |  | 1.0 |  |  |  |  |  |  |  |  |  |  | 1.0 |  |  | 13.0 |  |
| **#13** |  |  |  |  |  | 0.7 |  | 2.7 | 0.7 |  |  | 0.7 |  |  | 0.7 |  |  |  |  |  |  |  | 8.0 | 2.7 |
| **#12** |  | 0.7 |  |  |  |  | 3.3 | 2.0 |  | 0.7 |  |  |  |  | 0.7 |  |  |  |  |  |  |  | 10.7 | 10.0 |
| **#11** |  | 2.7 | 0.7 |  |  |  | 0.7 | 3.3 |  | 1.3 | 0.7 |  |  |  | 0.7 |  |  |  |  |  |  |  | 8.7 | 2.0 |
| **#10** |  |  |  |  | 0.7 |  |  | 1.3 |  | 1.3 | 0.7 |  |  |  | 0.7 |  |  |  |  |  |  |  | 8.0 | 6.0 |
| **#9** |  |  |  | 0.7 |  |  |  | 2.0 | 2.0 |  |  |  |  |  |  |  |  |  |  |  |  |  | 5.3 | 1.3 |
| **#8** |  |  |  |  |  |  |  | 1.3 |  |  |  |  |  |  |  |  |  | 1.3 |  |  |  |  | 8.7 | 0.7 |
| **#7** |  |  |  |  |  |  |  | 1.3 |  |  |  | 1.3 |  |  |  |  |  | 0.7 |  |  |  |  | 6.7 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **North** | **#6** |  |  |  |  |  |  |  | 3.3 | 1.3 |  | 1.3 |  | 0.7 |  |  |  |  |  |  | 0.7 |  |  | 3.3 | 0.7 |
| **#5** |  |  |  | 0.7 |  |  | 0.7 | 0.7 | 0.7 |  |  |  |  |  |  |  |  | 0.7 |  |  |  |  | 4.7 |  |
| **#4** |  |  | 1.3 |  |  |  |  | 0.7 | 0.7 |  |  |  |  |  | 0.7 |  |  | 0.7 |  | 0.7 |  |  | 6.0 | 4.0 |
| **#3** |  |  |  |  |  |  | 0.7 |  | 0.7 |  | 0.7 |  |  |  | 0.7 |  |  |  |  |  |  |  | 8.7 | 0.7 |
| **#2** |  |  |  |  |  |  |  | 3.3 |  | 0.7 |  |  |  |  |  |  |  |  |  |  |  |  | 6.7 | 2.0 |
| **#1** |  |  |  |  |  |  |  | 0.7 |  |  | 0.7 |  |  |  |  |  |  |  |  |  |  |  | 8.7 | 1.3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **E** |  | ? | n | n | n | n | n | n | n | n | n | n | n | n | n |  | n | n |  | n |  | n | n | n |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Taxon** | **Canthocamptidae Brady, 1880 (cont.)** | Canthocamptidae gen.2 sp. | Canthocamptidae gen.3 sp. | Canthocamptidae gen.4 sp. | Canthocamptidae gen.5 sp. | *Nannomesochra* sp.1 | *Psammocamptus* sp.1 | *Metahuntemannia* sp.1 | *Metahuntemannia* sp.2 | *Metahuntemannia* sp.3 | *Metahuntemannia* sp.4 | *Metahuntemannia* sp.5 | *Metahuntemannia* sp.6 | *Metahuntemannia* sp.7 | *Talpina* sp.1 | **Cletodidae T. Scott, 1905** | *Cletodes* sp.1 | *Stylicletodes* sp.1 | **Cletopsyllidae Huys & Willems, 1989** | *Isocleptopsyllus* sp.1 | **Cylindropsyllidae Sars, 1909** | *Cylindropsyllus flexibilis*  Pointner, in press | *Cylindropsyllus valentini*  Pointner, in press | *Boreopontia* *heipi* Willems, 1981 |
| **No.** |  | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  | 32 | 33 |  | 34 |  | 35 | 36 | 37 |

**Electronical Supplementary Table S2.** Continued.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **SUM** |  | 96.5 | 17.2 | 10.3 |  | 4.3 | 1.3 |  | 10.0 | 1.3 | 0.7 |  | 0.7 | 7.7 | 1.8 |  | 3.0 | 5.3 | 27.7 | 3.0 | 91.8 | 0.7 | 3.3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **South** | **#21** |  | 7.3 | 4.0 |  |  | 0.7 |  |  | 10.0 |  |  |  |  |  |  |  |  | 5.3 | 17.3 |  | 0.7 | 0.7 |  |
| **#20** |  | 9.0 | 3.0 | 1.0 |  |  |  |  |  |  |  |  |  |  |  |  | 3.0 |  | 9.0 | 3.0 |  |  | 2.0 |
| **#19** |  | 4.7 | 2.7 | 0.7 |  | 0.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.3 |  |  |
| **#18** |  | 1.5 | 3.5 |  |  | 1.0 |  |  |  |  |  |  |  |  | 0.5 |  |  |  |  |  | 3.5 |  |  |
| **#17** |  | 6.0 | 1.3 |  |  |  | 1.3 |  |  |  |  |  |  |  |  |  |  |  |  |  | 8.7 |  |  |
| **#16** |  |  |  |  |  |  |  |  |  |  | 0.7 |  |  |  |  |  |  |  |  |  | 1.3 |  | 1.3 |
| **#15** |  | 6.7 | 0.7 | 1.3 |  |  |  |  |  | 0.7 |  |  |  | 2.7 |  |  |  |  |  |  | 6.0 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Middle** | **#14** |  | 12.0 |  |  |  |  |  |  |  |  |  |  |  | 1.0 |  |  |  |  |  |  | 1.0 |  |  |
| **#13** |  | 2.7 |  | 1.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6.7 |  |  |
| **#12** |  | 21.3 | 1.3 | 2.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5.3 |  |  |
| **#11** |  | 1.3 |  | 0.7 |  |  |  |  |  |  |  |  |  | 2.0 |  |  |  |  |  |  | 6.7 |  |  |
| **#10** |  | 0.7 |  |  |  | 0.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6.7 |  |  |
| **#9** |  | 5.3 |  | 2.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3.3 |  |  |
| **#8** |  | 0.7 | 0.7 |  |  | 0.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8.7 |  |  |
| **#7** |  | 3.3 |  |  |  |  |  |  |  | 0.7 |  |  | 0.7 | 2.0 | 1.3 |  |  |  |  |  | 7.3 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **North** | **#6** |  | 0.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.0 |  |  |
| **#5** |  | 2.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3.3 |  |  |
| **#4** |  | 2.0 |  |  |  | 0.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2.7 |  |  |
| **#3** |  | 3.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.7 |  | 10.7 |  |  |
| **#2** |  | 2.7 |  | 1.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.7 |  | 4.7 |  |  |
| **#1** |  | 2.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1.3 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **E** |  | n | n | n |  | a | a |  | a | a | a |  | ? | a | a |  | n | n | n | n | n | n | n |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Taxon** | **Cylindropsyllidae Sars, 1909 (cont.)** | *Monsmeteoris reductus*  Pointner, in press | *Monsmeteoris wiesheuorum*  Pointner, in press | *Selenopsyllus* *dahmis*  Moura & Pottek, 1998 | **Dactylopusiidae Lang, 1936** | *Dactylopodopsis* sp.1 | *Dactylopodopsis* sp.2 | **Harpacticidae Dana, 1846** | *Harpacticus* sp.1 | *Perissocope* sp.1 | *Perissocope* sp.2 | **Idyanthidae Lang, 1944** | *Idyanthe* sp.1 | *Meteorina magnifica* George, 2004 | *Nematovorax* sp.1 | **Laophontidae T. Scott, 1905** | Laophontidae gen.1 sp. | *Asellopsis intermedia* (Scott T., 1895) | *Hololaophonte* sp.1 | *Klieonychocamptus* sp.1 | *Laophonte* sp.1 | *Laophonte* sp.2 | *Paralaophonte* sp.2 |
| **No.** |  | 38 | 39 | 40 |  | 41 | 42 |  | 43 | 44 | 45 |  | 46 | 47 | 48 |  | 49 | 50 | 51 | 52 | 53 | 54 | 55 |

**Electronical Supplementary Table S2.** Continued.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **SUM** |  | 167.8 | 99.5 |  | 56.5 | 74.8 | 37.0 | 16.7 | 2.3 |  | 2.7 | 0.7 | 2.0 | 2.0 |  | 2.7 | 2.0 | 0.7 | 1.0 | 1.0 | 0.5 |  | 4.0 | 2.8 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **South** | **#21** |  |  | 0.7 |  | 1.3 | 4.7 | 2.7 | 16.7 |  |  |  | 0.7 |  |  |  | 1.3 |  |  |  |  |  |  |  |  |
| **#20** |  |  | 19.0 |  |  | 2.0 | 25.0 |  | 1.0 |  |  |  |  |  |  |  |  |  | 1.0 | 1.0 |  |  |  |  |
| **#19** |  | 6.0 | 2.0 |  | 3.3 | 2.0 | 0.7 |  |  |  | 0.7 |  |  | 0.7 |  |  |  |  |  |  |  |  |  |  |
| **#18** |  | 1.5 | 8.5 |  | 4.5 | 1.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.5 |  |  | 0.5 |
| **#17** |  | 2.0 | 1.3 |  | 2.7 | 0.7 | 0.7 |  |  |  |  |  |  |  |  |  | 1.3 |  |  |  |  |  |  |  |
| **#16** |  | 6.0 | 0.7 |  | 7.3 | 2.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **#15** |  | 18.0 |  |  | 2.0 | 13.3 |  |  |  |  | 1.3 |  |  | 0.7 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Middle** | **#14** |  | 15.0 | 2.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4.0 | 1.0 |
| **#13** |  | 5.3 | 22.7 |  | 4.0 | 9.3 | 4.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.7 |
| **#12** |  |  | 14.7 |  | 0.7 | 8.0 | 2.7 |  | 0.7 |  |  |  |  | 0.7 |  |  |  |  |  |  |  |  |  |  |
| **#11** |  | 13.3 |  |  | 1.3 | 2.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **#10** |  | 10.7 |  |  | 1.3 | 2.0 |  |  |  |  | 0.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **#9** |  | 6.7 | 11.3 |  | 2.7 | 12.0 | 0.7 |  |  |  |  |  | 1.3 |  |  | 0.7 |  |  |  |  |  |  |  |  |
| **#8** |  | 14.7 | 11.3 |  |  | 4.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.7 |
| **#7** |  | 6.7 | 0.7 |  |  | 0.7 |  |  |  |  |  |  |  |  |  |  | 0.7 | 0.7 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **North** | **#6** |  | 5.3 |  |  | 8.7 | 0.7 |  |  |  |  |  |  | 0.7 |  |  |  |  |  |  |  |  |  |  |  |
| **#5** |  | 3.3 |  |  | 4.7 | 2.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **#4** |  | 16.7 | 0.7 |  | 4.7 | 2.0 |  |  | 0.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **#3** |  | 14.0 | 0.7 |  | 2.0 | 4.0 |  |  |  |  |  |  |  |  |  | 0.7 |  |  |  |  |  |  |  |  |
| **#2** |  | 7.3 | 0.7 |  | 3.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **#1** |  | 15.3 | 2.7 |  | 2.0 | 0.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **E** |  | n | n |  | n | n | n | n | n |  | n | n | n | n |  | a | a | a | n | n | n |  | a | a |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Taxon** | **Leptastacidae Lang, 1948** | *Sextonis* sp.1 | *Sextonis* sp.2 | **Leptopontiidae Lang, 1948** | *Notopontia* sp.1 | *Syrticola* sp.1 | *Syrticola* sp.2 | *Syrticola* sp.3 | *Syrticola* sp.4 | **Nannopodidae Brady, 1880** | Nannopodidae gen.1 sp. | *Huntemannia jadensis* Poppe, 1884 | *Nannopus* sp.1 | *Nannopus* sp.2 | **Neobradyidae Olofsson, 1917** | *Marsteinia* sp.1 | *Marsteinia* sp.2 | *Marsteinia* sp.3 | *Neobradya* sp.1 | *Neobradya* sp.2 | *Neobradya* sp.3 | **Pseudotachidiidae Lang, 1936** | *Danielssenia* sp.1 | *Danielssenia* sp.2 |
| **No.** |  | 56 | 57 |  | 58 | 59 | 60 | 61 | 62 |  | 63 | 64 | 65 | 66 |  | 67 | 68 | 69 | 70 | 71 | 72 |  | 73 | 74 |

**Electronical Supplementary Table S2.** Continued.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **SUM** |  | 1.3 | 0.7 | 0.7 | 5.2 | 0.7 | 129.7 | 129.2 | 90.0 | 24.0 | 4.0 | 1.3 | 2.0 |  | 5.3 | 0.7 | 4.0 | 9.7 | 2.5 | 2.0 | 1.3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **South** | **#21** |  |  |  |  |  |  | 14.7 |  | 0.7 | 0.7 |  |  |  |  |  |  |  | 3.3 |  | 0.7 | 0.7 |
| **#20** |  |  |  |  |  |  | 5.0 |  | 2.0 |  |  |  |  |  |  |  |  | 3.0 |  |  |  |
| **#19** |  |  |  |  | 1.3 |  | 8.7 | 8.0 | 2.0 | 0.7 |  |  |  |  |  |  |  |  |  |  |  |
| **#18** |  |  |  |  | 0.5 |  |  | 0.5 |  |  |  |  |  |  |  |  |  |  | 0.5 |  |  |
| **#17** |  |  |  |  |  | 0.7 | 3.3 | 5.3 | 37.3 | 2.0 | 0.7 |  | 2.0 |  | 1.3 | 0.7 | 4.0 |  |  |  |  |
| **#16** |  |  |  | 0.7 |  |  | 2.7 | 14.7 | 0.7 | 4.7 |  |  |  |  |  |  |  |  |  |  |  |
| **#15** |  |  |  |  |  |  | 2.0 |  | 0.7 |  | 1.3 |  |  |  | 1.3 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Middle** | **#14** |  |  |  |  |  |  |  |  | 4.0 |  |  |  |  |  | 2.0 |  |  |  |  |  |  |
| **#13** |  |  |  |  |  |  | 26.0 |  | 9.3 | 1.3 |  |  |  |  |  |  |  |  |  |  |  |
| **#12** |  |  |  |  |  |  | 4.7 | 5.3 | 0.7 | 1.3 |  |  |  |  |  |  |  | 3.3 |  |  |  |
| **#11** |  |  |  |  |  |  |  | 4.0 |  | 0.7 |  | 0.7 |  |  |  |  |  |  |  |  |  |
| **#10** |  |  | 0.7 |  |  |  | 0.7 | 4.0 |  | 5.3 |  |  |  |  |  |  |  |  |  |  |  |
| **#9** |  |  |  |  |  |  | 39.3 | 6.0 | 8.7 | 2.7 |  |  |  |  |  |  |  |  |  |  |  |
| **#8** |  |  |  |  |  |  | 16.7 | 2.0 | 8.0 | 0.7 |  |  |  |  |  |  |  |  | 0.7 |  |  |
| **#7** |  |  |  |  |  |  | 0.7 |  |  |  |  | 0.7 |  |  |  |  |  |  |  | 1.3 | 0.7 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **North** | **#6** |  | 0.7 |  |  | 1.3 |  |  | 33.3 | 2.7 | 2.7 |  |  |  |  | 0.7 |  |  |  |  |  |  |
| **#5** |  |  |  |  | 0.7 |  | 5.3 | 14.7 | 13.3 |  |  |  |  |  |  |  |  |  |  |  |  |
| **#4** |  | 0.7 |  |  |  |  |  | 13.3 |  | 1.3 |  |  |  |  |  |  |  |  |  |  |  |
| **#3** |  |  |  |  | 0.7 |  |  | 18.0 |  |  | 0.7 |  |  |  |  |  |  |  | 1.3 |  |  |
| **#2** |  |  |  |  |  |  |  |  |  |  | 1.3 |  |  |  |  |  |  |  |  |  |  |
| **#1** |  |  |  |  | 0.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **E** |  | a | a | ? | n | a | a | n | a | a | ? | a | a |  | n | n | n | n | n | n | n |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Taxon** | **Pseudotachidiidae Lang, 1936 (cont.)** | *Danielssenia* sp.3 | *Danielssenia* sp.4 | *Micropsammis* sp.1 | *Paradanielssenia* sp.1 | *Paradanielssenia* sp.2 | *Pseudomesochra* sp.1 | *Pseudomesochra* sp.2 | *Pseudomesochra* sp.3 | *Pseudomesochra* sp.4 | *Pseudotachidius* sp.1 | *Pseudotachidius* sp.2 | *Xouthous* sp.1 | **Tetragonicipitidae Lang, 1944** | Tetragonicipitidae gen.1 sp. | *Agiondiceps* sp.1 | *Odaginiceps* sp.1 | *Pteropsyllus* sp.1 | *Tetragoniceps* sp.1 | *Tetragoniceps* sp.2 | *Tetragoniceps* sp.3 |
| **No.** |  | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 |  | 87 | 88 | 89 | 90 | 91 | 92 | 93 |

**Electronical Supplementary Table S2.** Continued.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **SUM** |  | 396.7 | 142.0 | 69.2 | 551.7 | 608.3 | 259.5 | 56.7 | 18.7 | 14.7 | 4.7 | 0.7 | 0.7 |  |  | 351.7 | 4367.0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **South** | **#21** |  | 6.7 | 1.3 | 1.3 | 24.0 | 94.0 | 6.7 |  |  |  |  |  |  |  |  | 4.0 | 281.3 | 26 |
| **#20** |  | 3.0 | 5.0 | 1.0 | 15.0 | 16.0 | 4.0 | 16.0 |  |  |  |  |  |  |  | 1.0 | 205.0 |
| **#19** |  | 20.0 | 6.7 | 2.7 | 20.7 | 54.7 | 8.7 |  |  |  |  |  |  |  |  | 31.3 | 226.0 |
| **#18** |  | 19.0 | 3.0 | 3.5 | 19.0 | 18.0 | 2.5 | 1.0 | 2.0 |  |  |  |  |  |  | 29.0 | 151.0 |
| **#17** |  | 12.7 | 2.7 | 1.3 | 18.7 | 45.3 | 2.7 | 0.7 |  | 14.7 |  |  |  |  |  | 13.3 | 235.3 |
| **#16** |  | 12.0 | 6.0 | 2.7 | 18.7 | 26.7 | 11.3 |  |  |  |  |  |  |  |  | 8.0 | 155.3 |
| **#15** |  | 22.0 | 2.7 | 4.7 | 17.3 | 18.7 | 12.7 | 4.7 |  |  | 0.7 |  |  |  |  | 20.0 | 211.3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Middle** | **#14** |  | 10.0 | 8.0 | 2.0 | 21.0 | 17.0 | 93.0 | 1.0 |  |  |  |  |  |  |  | 19.0 | 251.0 | 9 |
| **#13** |  | 25.3 | 8.0 | 8.0 | 28.0 | 13.3 | 5.3 | 4.0 | 7.3 |  |  |  |  |  |  | 10.7 | 226.0 |
| **#12** |  | 17.3 | 9.3 | 4.0 | 21.3 | 29.3 | 16.7 | 3.3 | 2.0 |  |  |  |  |  |  | 18.7 | 249.3 |
| **#11** |  | 33.3 | 7.3 | 6.7 | 38.7 | 6.0 | 10.0 | 9.3 | 1.3 |  | 0.7 |  |  |  |  | 22.0 | 206.0 |
| **#10** |  | 35.3 | 12.0 | 6.0 | 33.3 | 6.7 | 6.7 |  |  |  |  | 0.7 |  |  |  | 6.7 | 190.0 |
| **#9** |  | 12.7 | 10.0 | 8.0 | 19.3 | 48.0 | 6.0 | 1.3 | 2.0 |  |  |  | 0.7 |  |  | 19.3 | 255.3 |
| **#8** |  | 14.0 | 6.0 | 2.0 | 21.3 | 4.7 | 10.0 | 1.3 | 2.0 |  |  |  |  |  |  | 7.3 | 156.7 |
| **#7** |  | 3.3 | 2.7 | 2.0 | 2.7 | 6.0 | 24.7 |  |  |  | 0.7 |  |  |  |  | 11.3 | 107.3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **North** | **#6** |  | 15.3 | 6.7 | 1.3 | 20.7 | 44.7 |  |  |  |  |  |  |  |  |  | 9.3 | 184.7 | 2 |
| **#5** |  | 8.7 | 8.0 | 3.3 | 40.0 | 63.3 | 4.0 |  |  |  | 2.7 |  |  |  |  | 20.7 | 223.3 |
| **#4** |  | 39.3 | 20.0 | 3.3 | 74.0 | 22.0 | 6.0 | 0.7 | 2.0 |  |  |  |  |  |  | 14.7 | 249.3 |
| **#3** |  | 43.3 | 12.0 | 2.0 | 35.3 | 23.3 | 20.7 | 4.7 |  |  |  |  |  |  |  | 21.3 | 249.3 |
| **#2** |  | 28.0 | 2.0 | 1.3 | 21.3 | 33.3 | 5.3 | 4.7 |  |  |  |  |  |  |  | 42.0 | 195.3 |
| **#1** |  | 15.3 | 2.7 | 2.0 | 41.3 | 17.3 | 2.7 | 4.0 |  |  |  |  |  |  |  | 22.0 | 158.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **E** |  | a | a | a | a | a | a | a | a | a | a | a | a |  |  | ? |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Taxon** | **Zosimeidae Seifried, 2003** | *Zosime anneae*  Koller & George, 2011 | *Zosime bergensis* Drzycimski, 1968 | *Zosime carsteni* Pointner, 2017 | *Zosime eliasi* Pointner, 2017 | *Zosime* sp.1 | *Zosime* sp.2 | *Zosime* sp.3 | *Zosime* sp.4 | *Zosime* sp.5 | *Zosime* sp.6 | *Zosime* sp.7 | *Zosime* sp.8 | **Canuelloida** | **Canuellidae Lang, 1944** | *Microcanuella secunda*  Pointner, 2015 | **Sum of individuals per station (ind./0.2 m²)** | **Total number of unique species per region** |
| **No.** |  | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 |  |  | 106 |