| Sample name | sample Location | Species | Living or dead specimens | Crushed or uncrushed | Number of specimens | Intracellular Nitrate Blank corrected (µmol/cell) | Intracellular Phosphate Blank corrected (µmol/cell) | Intracellular Phosphate per cell (µmol/cell) | Water depth (m) |
|---|---|---|---|---|---|---|---|---|---|
| 11 BIG/1-G1 | B.esmeinsula | Living | uncrushed | | 42 | 0 | 0.006+00 | 0.333 | 3.17142857142857E-001 |
| 12 BIG/1-G2 | B.esmeinsula | Living | uncrushed | | 81 | 0.604 | 2.84E-05 | 0.728 | 3.42308222619436E-005 |
| 13 BIG/1-G3 | B.esmeinsula | Living | uncrushed | | 83 | 0.584 | 2.75E-05 | 0.705 | 3.31518324607329E-005 |
| 14 BIG/1-G4 | B. costata | Living | uncrushed | | 80 | 0.006 | 4.15E-01 | 0.834 | 5.20606060606060E-005 |
| 21 BIG/1-G1 | B.esmeinsula | Living | uncrushed | | 41 | 0.774 | 1.67E-01 | 0.307 | 7.83715126968031E-006 |
| 23 BIG/1-G3 | C. linibuta | Living | uncrushed | | 21 | 0 | 0.00E+00 | 0.047 | 0.0000506211 |
| 24 BIG/1-G3 | B.esmeinsula | Living | uncrushed | | 58 | 0.14 | 7.21E-06 | 0.247 | 1.27884567298812E-005 |
| 31 MUC/16 | C. linibuta | Dead (empty tests) | crushed | | 25 | 3.222 | 3.87E-04 | 0.094 | 1.15151351351351E-005 |
| 32 MUC/16 | C. linibuta | Living | crushed | | 22 | 16.444 | 2.27E-03 | 2.317 | 0.00029446368 |
| 33 MUC/16 | C. linibuta | Living | crushed | | 20 | 12.983 | 1.95E-03 | 1.897 | 0.000284834948 |
| 34 MUC/16 | B.esmeinsula | Living | crushed | | 130 | 17.091 | 3.95E-04 | 2.389 | 0.00005518 |
| 40 MUC/18 | C. inflatus | Living | crushed | | 21 | 141.72 | 2.44E-02 | 14.686 | 0.002151537 |
| 41 MUC/18 | C. inflatus | Living | crushed | | 21 | 169.16 | 2.42E-02 | 16.044 | 0.002234429 |
| 42 MUC/18 | B. interjuncta | Dead (empty tests) | crushed | | 21 | 0.603 | 7.46E-05 | 0.176 | 2.17687074829931E-005 |
| 43 MUC/18 | B. interjuncta | Living | crushed | | 20 | 6.116 | 7.17E-04 | 2.192 | 0.000284832 |
| 44 MUC/18 | B. interjuncta | Living | crushed | | 18 | 11.489 | 1.45E-03 | 3.042 | 0.000374286 |
| 50 MUC B11 | B.esmeinsula | Living | crushed | | 39 | 1.06 | 8.16E-05 | 0.497 | 0.000382829 |
| 51 MUC B11 | B.esmeinsula | Living | crushed | | 40 | 1.18 | 8.86E-05 | 0.499 | 3.74626426426425E-005 |
| 52 MUC B11 | B.esmeinsula | Dead (empty tests) | crushed | | 38 | 0.289 | 2.28E-05 | 0.015 | 1.18129532228018E-006 |
| 54 MUC B21 | B.esmeinsula | Living | crushed | | 35 | 4.858 | 4.17E-04 | 0.917 | 7.84786786786787E-005 |
| 55 MUC B21 | B.esmeinsula | Living | crushed | | 46 | 3.909 | 2.51E-04 | 0.997 | 6.50868237453972E-005 |
| 56 MUC B26 | C. inflatus | Living | crushed | | 12 | 8.043 | 2.01E-03 | 8.066 | 0.002035385 |
| 57 MUC B26 | B.esmeinsula | Living | crushed | | 40 | 1.464 | 1.32E-04 | 1.102 | 0.000327638 |
| 59 MUC B38 | B. costata | Living | crushed | | 44 | 1.047 | 3.41E-05 | 0.927 | 2.94147215048385E-005 |
| 60 MUC B41 | B.esmeinsula | Living | crushed | | 38 | 1.228 | 9.76E-05 | 0.816 | 4.51735511790746E-005 |
| 70 MUC B58 | C. inflatus | Living | crushed | | 8 | 53.565 | 2.05E-02 | 9.543 | 0.003582072 |
| 71 MUC B58 | B. interjuncta | Living | crushed | | 20 | 10.446 | 1.60E-03 | 3.01 | 0.000378078 |

| N (specimens) | total cell volume (µm3) | mean cell volume (µm3) | std | biom | total cell volume (litre) | mean cell volume (litre) | std | biom | specific intracellular nitrate storage (nmol/l) | specific intracellular phosphate storage (nmol/l) |
|---|---|---|---|---|---|---|---|---|---|---|
| 42 | 2.15E+08 | 1.78E+06 | 4.36E+05 | 6.7E+04 | 2.15E-07 | 1.77E-09 | 4.36E-10 | 6.71E-11 | 0.00 | 18.55 |
| 81 | 4.29E+07 | 1.68E+06 | 1.68E+05 | 1.47E+04 | 4.29E-08 | 1.68E-09 | 1.68E-10 | 1.47E-11 | 20.36 | 20.36 |
| 83 | 4.14E+07 | 1.49E+06 | 2.03E+05 | 1.29E+04 | 4.14E-08 | 1.49E-09 | 2.03E-10 | 1.29E-11 | 19.29 | 19.29 |
| 80 | 1.96E+08 | 8.18E+05 | 1.03E+05 | 1.29E+04 | 1.96E-07 | 8.18E-10 | 1.03E-10 | 1.29E-11 | 30.73 | 88.21 |
| 41 | 2.03E+08 | 1.61E+06 | 2.93E+05 | 4.58E+04 | 2.03E-07 | 1.61E+09 | 2.93E-10 | 4.58E-11 | 34.27 | 4.74 |
| 21 | 2.28E+08 | 1.14E+07 | 4.68E+06 | 1.01E+06 | 2.28E-07 | 1.14E+08 | 4.68E-09 | 1.01E+09 | 0.00 | 0.19 |
| 58 | 2.27E+08 | 1.38E+06 | 4.62E+05 | 6.07E+04 | 2.27E-07 | 1.38E+09 | 4.62E-10 | 6.07E-11 | 5.54 | 9.81 |
| 25 | 3.51E+08 | 1.41E+07 | 7.30E+06 | 1.41E+06 | 3.51E-07 | 1.41E-08 | 7.30E-09 | 1.41E-09 | 27.51 | 0.82 |
| 22 | 3.91E+08 | 1.80E+07 | 4.23E+06 | 9.02E+05 | 3.91E-07 | 1.80E-08 | 4.23E-09 | 9.02E-10 | 126.31 | 16.38 |
| 20 | 4.23E+08 | 2.12E+07 | 5.08E+06 | 1.34E+06 | 4.23E-07 | 2.12E-08 | 5.08E-09 | 1.34E-09 | 92.11 | 13.46 |
| 130 | 5.46E+08 | 1.40E+06 | 4.58E+05 | 4.02E+04 | 5.46E-07 | 1.40E-09 | 4.58E-10 | 4.02E-11 | 282.26 | 29.41 |
| 21 | 2.98E+09 | 1.42E+08 | 6.54E+07 | 1.43E+07 | 2.98E-06 | 1.42E-07 | 6.54E-08 | 1.43E-08 | 172.37 | 17.74 |
| 21 | 3.14E+09 | 1.50E+08 | 3.46E+07 | 1.24E+07 | 3.14E-06 | 1.50E-07 | 3.46E-08 | 1.24E-08 | 162.18 | 15.34 |
| 21 | 3.72E+08 | 1.77E+07 | 5.45E+06 | 1.29E+06 | 3.72E-07 | 1.77E+08 | 5.45E-09 | 1.29E-09 | 4.21 | 1.23 |
| 20 | 3.23E+08 | 1.62E+07 | 1.39E+06 | 1.20E+06 | 3.23E-07 | 1.62E+08 | 1.39E-09 | 1.20E-09 | 44.40 | 17.44 |
| 18 | 2.88E+08 | 1.60E+07 | 5.02E+06 | 1.38E+06 | 2.88E-07 | 1.60E+08 | 5.02E-09 | 1.38E-09 | 87.74 | 23.23 |
| 39 | 1.80E+08 | 1.54E+06 | 4.88E+05 | 7.81E+04 | 1.80E-07 | 1.54E+09 | 4.88E-10 | 7.81E-11 | 53.16 | 24.91 |
| 40 | 1.85E+08 | 1.54E+06 | 4.39E+05 | 6.43E+04 | 1.85E-07 | 1.54E+09 | 4.39E-10 | 6.43E-11 | 57.54 | 24.33 |
| 38 | 1.99E+08 | 1.75E+06 | 5.86E+05 | 9.42E+04 | 1.99E-07 | 1.75E+09 | 5.86E-10 | 9.42E-11 | 13.07 | 0.68 |
| 35 | 1.75E+08 | 1.67E+06 | 4.43E+05 | 7.44E+04 | 1.75E-07 | 1.67E+09 | 4.43E-10 | 7.44E-11 | 249.45 | 47.13 |
| 46 | 2.09E+08 | 1.53E+06 | 4.80E+05 | 7.08E+04 | 2.09E-07 | 1.53E+09 | 4.80E-10 | 7.08E-11 | 368.22 | 42.90 |
| 12 | 1.01E+09 | 8.78E+07 | 3.79E+07 | 1.09E+07 | 1.01E-06 | 8.78E-08 | 3.79E-08 | 1.09E-08 | 22.92 | 22.99 |
| 40 | 2.97E+08 | 2.48E+06 | 1.09E+05 | 9.33E+04 | 2.97E-07 | 2.48E-09 | 1.09E-10 | 9.33E-11 | 44.47 | 45.16 |
| 44 | 2.21E+08 | 7.99E+05 | 1.78E+05 | 1.83E+04 | 2.21E-07 | 7.99E-10 | 1.78E-10 | 1.83E-11 | 42.48 | 37.08 |
| 38 | 1.76E+08 | 1.55E+06 | 4.13E+05 | 7.35E+04 | 1.76E-07 | 1.55E+09 | 4.13E-10 | 7.35E-11 | 42.75 | 42.21 |
| 8 | 1.38E+09 | 1.42E+08 | 1.47E+07 | 1.93E+07 | 1.38E-06 | 1.42E-07 | 1.47E-08 | 1.93E-08 | 120.02 | 22.08 |
| 20 | 2.94E+08 | 1.47E+07 | 4.74E+06 | 1.06E+06 | 2.94E-07 | 1.47E-08 | 4.74E-09 | 1.06E-09 | 308.54 | 20.90 |

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