

BIOLOGISKE DATA  
BRYRUP LANGSØ 1997



FYTOPLANKTON  
DATALISTER 1997







| Fytoplankton<br>µgC/l                   | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|   | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 | 961216 |  |
| Taxonomisk gruppe                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cyanophyta                              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Woronichinia naegeliana                 |        |        |        |        |        |        |        |        |        | 8.2    | 8.6    | 82.0   | 167.2  | 439.9  | 263.0  | 381.5  | 82.6   | 5.2    | 2.9    |  |
| Snowella lacustris                      |        |        |        |        |        |        |        |        |        | 47.0   |        | 17.7   | 10.1   | 13.2   | 8.0    | 2.2    |        |        |        |  |
| Microcystis aeruginosa                  |        |        |        |        |        |        |        |        |        |        |        | 139.6  | 143.5  | 246.9  | 277.5  | 33.4   |        |        |        |  |
| Microcystis viridis                     |        |        |        |        |        |        |        |        |        |        |        | 4.1    | 4.9    | 23.5   | 9.2    | 2.5    |        |        |        |  |
| Microcystis wesenbergii                 |        |        |        |        |        |        |        |        |        |        |        | 1.6    | 4.9    | 23.5   | 33.2   | 35.2   | 7.4    |        |        |  |
| Anabaena flos-aquae                     |        |        |        |        |        |        |        |        |        |        |        |        | .7     | 153.4  | 230.4  | 18.6   |        |        |        |  |
| Anabaena solitaria                      |        |        |        |        |        |        |        |        |        |        |        | 2.2    | 8.7    | 27.3   | 26.3   |        |        |        |        |  |
| Anabaena spiroides                      |        |        |        |        |        |        |        |        |        |        |        | 10.7   | 2.3    | 2.6    | .7     |        |        |        |        |  |
| Anabaena Lemmermannii                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 1.9    | .2     |        |        |        |  |
| Aphanizomenon sp.                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Aphanizomenon flos-aquae                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Pseudanabaena mucicola                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptophyceae                           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptomonas spp. (20-30µm)              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptophyceae spp. (5-10 µm)            | 3.4    |        |        | 21.7   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Dinophyceae                             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ceratium hirundinella                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diplopsalis acuta                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Gymnodinium helveticum                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridiniopsis polonicum                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium sp.                          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium cinctum                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium spp.                         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Chrysophyceae                           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Dinobryon divergens                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Uroglena sp.                            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Synurophyceae                           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Mallomonas akrokomos                    |        |        | 1.7    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diatomophyceae                          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Aulacoseira granulata var. angustissima |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Aulacoseira italica                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Stephanodiscus rotula                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Centriske kiselalger spp. (< 10 µm)     |        | 16.3   | 101.1  | 160.2  | 66.2   | 20.8   | 18.2   |        |        | 15.8   | 65.2   |        | 436.6  | 82.2   |        |        |        |        |        |  |
| Centriske kiselalger spp. (10-20 µm)    |        |        |        | 4.8    |        |        |        |        |        | 413.5  |        |        |        |        |        |        |        |        |        |  |
| Asterionella formosa                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diatoma elongatum                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Fragilaria crotonensis                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Fragilaria berolinensis                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Synedra acus                            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Synedra ulna                            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |

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| Fytoplankton<br>µgC/L   | DATO   |        |        |        |        |        |        |        |        |        |        |        |  |             |             |        |        |           |        |    |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|-------------|-------------|--------|--------|-----------|--------|----|
|   | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813                                   | 960828      | 960910      | 960925 | 961023 | 961120    | 961216 |    |
| Prymnesiophyceae<br>Prymnesiophyceae spp.<br>Chlorophyceae<br>Pandorina morum<br>Eudorina elegans<br>Volvox aureus<br>Scenedesmus spp.<br>Actinastrum hantzschii<br>Ankyra judayi<br>Closterium sp.<br>Closterium acutum<br>Ubestemte eller fåtallige celler<br>Ubestemte flagellater (A) (< 5<br>µm) |        |        | 6.3    |        |        | 15.1   | 76.9   | 5.0    |        |        |        | 8.7    | 4.6<br>7.8<br>212.1<br>7.5<br>6.0<br>1.1 | 2.8<br>18.7 | 4.5<br>25.8 |        |        | 7.3<br>.7 | 1.8    | .5 |





| Fytoplankton volumenbiomasse<br>mm <sup>3</sup> /l = mg vådvægt/l | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|   | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 | 961216 |  |
| Taxonomisk gruppe   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cyanophyta  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Woronichinia naegeliana   |        |        |        |        |        |        |        |        |        | .0743  | .0783  | .7456  | 1.5200 | 3.9992 | 2.3908 | 3.4682 | .7510  | .0475  | .0263  |  |
| Snowella lacustris  |        |        |        |        |        |        |        |        |        | .4272  |        | .1610  | 1.2695 | 1.3046 | .0725  | .0198  |        |        |        |  |
| Microcystis aeruginosa  |        |        |        |        |        |        |        |        |        |        |        |        |        | 2.2448 | 2.5230 | .3033  |        |        |        |  |
| Microcystis viridis   |        |        |        |        |        |        |        |        |        |        |        |        | .0373  | .0834  | .0229  |        |        |        |        |  |
| Microcystis wesenbergii   |        |        |        |        |        |        |        |        |        |        |        | .0148  | .0449  | .2140  | .3016  | .3198  | .0671  |        |        |  |
| Anabaena flos-aquae   |        |        |        |        |        |        |        | .1301  |        | .2440  | .0220  |        | .0067  | 1.3944 | 2.0949 | .1691  |        |        |        |  |
| Anabaena solitaria  |        |        |        |        |        |        |        |        |        | .2947  |        |        | .0790  | .2480  | .2393  |        |        |        |        |  |
| Anabaena spiroides  |        |        |        |        |        |        |        |        |        |        |        | .0198  | .0849  | .0206  | .0062  |        |        |        |        |  |
| Anabaena Lemmermannii   |        |        |        |        |        |        |        |        |        |        |        |        | .0240  | .0174  |        |        |        |        |        |  |
| Aphanizomenon sp.   |        |        |        |        |        |        |        |        |        |        |        | .0970  |        |        |        |        |        |        |        |  |
| Aphanizomenon flos-aquae  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Pseudanabaena mucicola  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptophyceae   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptomonas spp. (20-30µm)  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptophyceae spp. (5-10 µm)                                      | .0310  |        |        | .1970  |        |        | .2085  | .2008  | .2490  |        | .3012  | .3228  | .2443  | .5357  | .0521  | .2224  | .1118  |        | .0593  |  |
| Dinophyceae   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ceratium hirundinella   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diplodsalis acuta   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Gymnodinium helveticum  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridiniopsis polonicum   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium sp.  |        |        |        |        |        |        | .0027  |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium cinctum  |        |        |        |        |        |        | .0135  | .0687  | .0356  |        | .7985  | .0469  | .0119  | .0803  | .0182  | .0118  | .0108  |        |        |  |
| Peridinium spp.   |        |        |        |        |        |        | .0028  |        | .1941  |        |        |        |        | .1560  | .1672  | .0313  | .0166  |        | .0233  |  |
| Chrysophyceae   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Dinobryon divergens   |        |        |        |        | .2506  | 1.0337 | .6579  | .4090  |        |        | .0054  | .0631  | .2370  | .6225  | .2691  | .0019  |        |        |        |  |
| Uroglena sp.  |        |        |        |        |        |        |        | .6533  |        |        | .0102  | .0034  | .0143  |        | .0258  |        |        |        |        |  |
| Synurophyceae   |        |        |        |        |        |        |        |        | .8587  |        |        |        |        |        |        |        |        |        |        |  |
| Mallomonas akrokomos  |        |        | .0152  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diatomophyceae  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Aulacoseira granulata var.<br>angustissima                        |        |        |        |        |        |        |        |        |        | .1439  |        | .1322  |        |        |        |        |        |        |        |  |
| Aulacoseira italica   |        | .1485  | .9190  | 1.4567 | .6022  | .1887  | .1656  |        |        | .0839  | .5926  | 3.9687 | .7475  |        |        |        |        |        |        |  |
| Stephanodiscus rotula   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Centriske kiselalger spp. (< 10<br>µm)                            |        |        | .5276  | 7.8746 | .6845  |        |        |        |        | 3.7593 |        |        |        |        |        |        |        |        |        |  |
| Centriske kiselalger spp.<br>(10-20 µm)                           |        |        |        | .0437  |        |        |        | .0255  | .0360  | .4246  |        | .3229  |        |        |        |        |        | .1768  | .3540  |  |
| Asterionella formosa  |        |        |        |        |        |        |        |        |        | .0397  |        |        | .1136  |        |        |        |        |        |        |  |
| Diatoma elongatum   |        |        |        |        |        |        |        |        |        |        |        |        | .0739  |        |        |        |        |        |        |  |
| Fragilaria crotonensis  |        |        |        |        | .3373  | 1.9383 | .0376  |        | .1282  | .5248  |        |        | .5909  | .8491  |        |        |        |        |        |  |
| Fragilaria berolinensis   |        |        |        |        |        | .2002  | .2787  |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Synedra acus  |        |        |        |        |        |        |        |        |        |        |        | .0122  | .0041  |        |        |        |        |        |        |  |
| Synedra ulna  |        |        |        |        |        |        |        |        |        |        |        | .4477  |        |        |        |        |        |        |        |  |

Bryrup Langsø 1996

| Fytoplankton volumenbiomasse<br>mm <sup>3</sup> /l = mg vådvægt/l  | DATO   |        |        |        |        |        |        |        |        |        |        |                          |   |                |                |        |        |        |        |                |                |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------------|---|----------------|----------------|--------|--------|--------|--------|----------------|----------------|
|  | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801                   | 960813  | 960828         | 960910         | 960925 | 961023 | 961120 | 961216 |                |                |
| Prymnesiophyceae<br>Prymnesiophyceae spp.<br>Chlorophyceae<br>Pandorina morum<br>Eudorina elegans<br>Volvox aureus<br>Scenedesmus spp.<br>Actinastrum hantzschii<br>Ankya judayi<br>Closterium sp.<br>Closterium acutum<br>Ubestemte eller fåtallige celler<br>Ubestemte flagellater (A) (< 5<br>µm) |        |        | .0568  |        |        | .1370  | .6993  | .0454  | .0590  | .5827  | 8.8415 | .0230<br>2.6651<br>.0036 | .0418<br>.0705<br>1.9283<br>.0685<br>.0546<br>.0100 | .0257<br>.1700 | .0413<br>.2342 |        |        |        |        | .0661<br>.0064 | .0166<br>.0046 |





| Fytoplankton<br>individer/ml     | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|                                  | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 | 961216 |  |
| Taxonomisk gruppe                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cyanophyta                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Woronichinia naegeliana          |        |        |        | +      | +      | +      | +      |        | +      | 1.2    | 1.7    | 7.1    | 12.6   | 37.7   | 42.4   | 51.4   | 7.2    | 7.2    | .4     |  |
| Snowella sp.                     |        |        |        |        |        |        |        |        |        | +      | +      | +      | 31.8   | 33.6   | 23.6   | 6.4    |        |        |        |  |
| Snowella lacustris               |        |        |        |        |        |        |        |        |        | +      | +      | +      | +      | +      | +      | +      |        |        |        |  |
| Merismopedia sp.                 |        |        |        |        |        |        |        |        |        | 5.7    | +      | 23.7   | 73.6   | 121.0  | 172.8  | 87.4   | 18.6   |        | +      |  |
| Microcystis aeruginosa           |        |        |        |        | +      | +      | +      |        |        |        |        | +      | 8.8    | +      | 27.2   | 14.0   |        |        | +      |  |
| Microcystis viridis              |        |        |        |        |        |        |        |        |        |        |        | 7.0    | 10.0   | 109.2  | 97.0   | 81.8   | 12.0   |        | +      |  |
| Microcystis wesenbergii          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | +      |  |
| Anabaena sp.                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Anabaena flos-aquae              |        |        |        |        |        |        |        |        |        | 30.4   | 11.9   | +      | 5.9    | +      | 2315.4 | 182.0  |        |        |        |  |
| Anabaena solitaria               |        |        |        |        |        |        |        |        |        |        |        | +      | +      | +      | +      | +      |        |        |        |  |
| Anabaena spiroides               |        |        |        |        | +      |        |        |        |        | 41.2   | +      | +      | 7.9    | +      | 25.0   | 21.4   |        |        |        |  |
| Anabaena Lemmermannii            |        |        |        |        |        |        |        |        |        |        |        | 5.7    | 17.0   |        |        |        |        |        |        |  |
| Aphanizomenon sp.                |        |        |        |        |        |        |        |        |        |        |        | +      | +      | +      | +      | +      |        |        | +      |  |
| Aphanizomenon flos-aquae         |        |        |        |        |        |        |        |        |        |        |        | +      | +      | +      | +      | +      |        |        |        |  |
| Oscillatoria sp.                 |        |        |        |        |        |        |        |        |        |        |        | +      | +      | +      | +      | +      |        |        |        |  |
| Pseudanabaena limnetica          |        |        |        |        |        |        |        |        |        |        |        | +      | +      | +      | +      | +      |        |        |        |  |
| Planktothrix agardhii            |        |        |        |        |        |        |        |        |        |        |        | +      | +      | +      | +      | +      |        |        |        |  |
| Pseudanabaena mucicola           |        |        |        |        |        |        |        |        |        |        |        | +      | +      | +      | +      | +      |        |        |        |  |
| Cryptophyceae                    |        |        |        |        |        |        |        |        |        |        |        | 10051  | +      | +      | +      | +      |        |        |        |  |
| Cryptomonas spp. (20-30µm)       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptomonas spp. (> 30µm)        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptophyceae spp. (5-10 µm)     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptophyceae spp. (15-20 µm)    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Dinophyceae                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ceratium hirundinella            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ceratium hirundinella (cyste)    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diplopsalis acuta                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Gymnodinium helveticum           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridiniopsis polonicum          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium sp.                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium cinctum               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium spp.                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Nøgne furealger (A) (10-20 µm)   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Nøgne furealger (A) (20-50 µm)   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Thekate furealger (A) (< 10 µm)  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Thekate furealger (A) (10-20 µm) |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Thekate furealger (A) (20-50 µm) |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Chrysophyceae                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Dinobryon divergens              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Uroglena sp.                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |

+: til stede

(fortsættes)

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| Fytoplankton<br>individer/ml               | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
|  | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 | 961216 |   |
| Synurophyceae                              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Mallomonas sp.                             |        |        | +      | +      | +      | +      |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Mallomonas akrokomos                       |        |        | 133.5  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Synura sp.                                 |        |        | +      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Diatomophyceae                             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Melosira varians                           |        |        |        | +      | +      | +      |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Aulacoseira granulata var.<br>angustissima |        |        |        |        |        |        |        |        |        | 225.6  |        |        |        |        |        |        |        |        |        |   |
| Aulacoseira italica                        | +      | 328.3  | 2112.1 | 3152.4 | 1419.9 | 452.5  | 418.4  | +      | +      | 228.2  | 1073.1 | +      | 228.2  | +      | +      | +      | +      | +      | +      | + |
| Aulacoseira italica var.<br>tenuissima     |        |        |        | +      | +      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Aulacoseira granulata                      |        |        | +      | +      | +      | +      | +      | +      |        |        |        |        |        |        |        |        |        |        |        |   |
| Stephanodiscus rotula                      |        |        | +      | +      | +      | +      | +      | +      |        |        |        |        |        |        |        |        |        |        |        |   |
| Centriske kiselalger spp. (< 10<br>µm)     | +      |        | 4281.9 | 55007  | 6649.4 | +      |        |        |        |        | 10925  | +      | 494.5  | 80.9   | +      | +      | +      | +      | +      | + |
| Centriske kiselalger spp.<br>(10-20 µm)    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Asterionella formosa                       | +      |        | +      |        |        |        |        |        |        |        | 422.4  | 444.4  | +      |        |        |        |        |        |        |   |
| Diatoma elongatum                          |        |        | +      | 141.4  | +      | +      | 66.8   | 92.3   |        | +      | 153.9  | +      | 300.3  | +      | +      | +      | 287.5  | 583.6  |        |   |
| Fragilaria sp.                             |        |        |        |        | +      | +      | +      | +      |        |        |        |        | 52.2   | +      |        |        |        |        |        |   |
| Fragilaria crotonensis                     |        |        |        |        | +      | +      | +      | +      |        |        |        |        |        |        |        |        |        |        |        |   |
| Fragilaria berolinensis                    |        |        | +      |        | +      | +      | +      | 318.1  | 1127.1 |        |        |        | 631.3  | 1013.0 |        |        |        |        |        |   |
| Licmophora spp.                            |        |        |        | +      | 1439.0 | 7753.4 | 158.2  | +      |        |        |        |        |        |        |        |        |        |        |        |   |
| Nitzschia acicularis                       |        |        |        |        | +      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Synedra acus                               |        |        | +      | +      | +      | 206.9  | 258.3  | +      |        |        |        | 11.3   | +      | +      | +      |        |        |        |        |   |
| Synedra ulna                               |        |        | +      |        | +      | +      | +      | +      |        |        |        | 2.2    | 20.6   | +      | +      |        |        |        |        |   |
| Tabellaria flocculosa                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Pennate kiselalger spp. (30-50<br>µm)      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Prymnesiophyceae                           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Prymnesiophyceae spp.                      | +      |        |        |        | +      | 3650.1 | 18634  | 1544.3 |        |        |        | 2112.2 | +      | +      | +      | +      |        |        |        |   |
| Euglenophyceae                             |        |        | 1142.3 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Euglena sp.                                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Trachelomonas hispida                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Trachelomonas volvocinopsis                |        |        | +      |        |        | +      |        | +      |        |        |        |        |        |        |        |        |        |        |        |   |
| Chlorophyceae                              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Pandorina morum                            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Eudorina elegans                           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Volvox aureus                              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Gonium sociale                             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Volvocale grønalger spp. (5-10<br>µm)      |        | +      |        |        |        |        |        | 1762.0 | 6744.4 | 135088 |        |        |        |        |        |        |        |        |        |   |
| Volvocale grønalger spp. (> 10<br>µm)      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |   |
| Paulschulzia tenera                        |        |        | +      | +      |        | +      | +      |        |        |        |        |        |        |        |        |        |        |        |        |   |

+: til stede

(fortsættes)

| Fytoplankton<br>individer/ml                       | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|  | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 | 961216 |  |
| Botryococcus braunii                               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Coelastrum microporum                              |        |        | +      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Coelastrum astroideum                              |        |        |        |        |        |        |        | +      |        |        |        |        |        |        |        |        |        |        |        |  |
| Dictyosphaerium pulchellum                         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Dictyosphaerium ehrenbergianum                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Dictyosphaerium elegans                            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Kirchneriella obesa                                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Oocystis sp.                                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Pediastrum boryanum                                |        |        |        |        |        | +      |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Pediastrum duplex                                  |        |        |        |        |        | +      |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Pediastrum tetras                                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Scenedesmus spp.                                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Actinastrum hantzschii                             |        |        |        | +      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Sphaerocystis<br>schroeteri/Eutetramorus<br>fottii |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Tetraëdron minimum                                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Tetraëdron caudatum                                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Monoraphidium contortum                            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Monoraphidium griffithii                           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ankyra judayi                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Micractinium pusillum                              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Koliella longiseta                                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Elakathrix genevensis                              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Closterium sp.                                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Closterium acutum                                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Closterium aciculare                               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Staurostrum sp.                                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ubestemte eller fátallige celler                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ubestemte flagellater (A) (< 5<br>µm)              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ubestemte flagellater (A) (5-10<br>µm)             |        |        |        |        |        |        |        | 3216.2 | 5858.1 |        |        |        |        |        |        |        |        |        |        |  |
| Zoomastigophora                                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Monosiga spp.                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Choanoflagellater spp.                             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Gyromitus cordiformis                              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Paramastix confifera                               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ubestemte flagellater (H) (5-10<br>µm)             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ubestemte flagellater (H)<br>(10-15 µm)            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ubestemte flagellater (H)<br>(15-20 µm)            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |

+: til stede





| Fytoplankton<br>Biomasse (C) -<br>procentvis sammensætning | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|  | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 | 961216 |  |
| Taxonomisk gruppe  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cyanophyta   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Woronichinia naegeliana                                    |        |        |        |        |        |        |        |        |        | 2.9    | .5     | 16.2   | 13.6   | 38.4   | 28.7   | 50.7   | 50.9   | 12.3   | 5.6    |  |
| Snowella lacustris   |        |        |        |        |        |        |        |        |        | 16.8   |        | 3.5    | .8     | 1.1    | .9     | .3     |        |        |        |  |
| Microcystis aeruginosa                                     |        |        |        |        |        |        |        |        |        |        |        | 11.3   | 12.5   | 26.9   | 26.9   | 36.9   | 20.5   |        |        |  |
| Microcystis viridis  |        |        |        |        |        |        |        |        |        |        |        | .3     | .3     | 1.0    | 1.0    | .3     |        |        |        |  |
| Microcystis wesenbergii                                    |        |        |        |        |        |        |        |        |        |        |        | .3     | .4     | 2.1    | 3.6    | 4.7    | 4.5    |        |        |  |
| Anabaena flos-aquae  |        |        |        |        |        |        |        | 6.4    |        | 9.6    | .1     | .4     | .1     | 13.4   | 25.1   | 2.5    |        |        |        |  |
| Anabaena solitaria   |        |        |        |        |        |        |        |        |        | 11.6   |        |        | .7     |        | 3.0    | 3.5    |        |        |        |  |
| Anabaena spiroides   |        |        |        |        |        |        |        |        |        |        |        |        | .8     | .2     | .1     | .1     |        |        |        |  |
| Anabaena Lemmermannii                                      |        |        |        |        |        |        |        |        |        |        |        |        | .2     | .2     | .3     | .2     |        |        |        |  |
| Aphanizomenon sp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Aphanizomenon flos-aquae                                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Pseudanabaena mucicola                                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptophyceae  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptomonas spp. (20-30µm)                                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptophyceae spp. (5-10 µm)                               | 100.0  |        |        | 2.1    |        |        |        | 12.2   |        |        | 2.0    | 7.0    | 2.2    | 5.1    | .6     | 15.1   | 28.9   |        | 12.7   |  |
| Dinophyceae  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ceratium hirundinella                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diplopsalis acuta  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Gymnodinium helveticum                                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridiniopsis polonicum                                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium sp.   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium cinctum   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium spp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Chrysophyceae  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Dinobryon divergens  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Uroglena sp.   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Synurophyceae  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Mallomonas akrokomos                                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diatomophyceae   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Aulacoseira granulata var.<br>angustissima                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Aulacoseira italica  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Stephanodiscus rotula                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Centricke kiselalger spp. (< 10<br>µm)                     | 100.0  |        |        | 15.2   | 32.1   | 5.4    | 7.9    |        |        | 5.7    | 3.9    |        | 1.2    |        |        |        |        |        |        |  |
| Centricke kiselalger spp.<br>(10-20 µm)                    |        |        |        | 82.3   | 36.5   |        |        |        |        | 3.3    |        |        | 35.5   | 7.2    |        |        |        |        |        |  |
| Asterionella formosa                                       |        |        |        | .5     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diatoma elongatum  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Fragilaria crotonensis                                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Fragilaria berolinensis                                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Synedra acus   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Synedra ulna   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |



Bryrup Langsø 1996

| Fytoplankton<br>Biomasse (C) -<br>procentvis sammensætning | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       |  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--|
|  | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 | 961216 |       |  |
| GRAND TOTAL  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0 |  |
| Taxonomisk gruppe  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       |  |
| Cyanophyta   |        |        |        |        |        |        |        | 6.4    | 40.9   | .7     | 22.6   | 28.0   | 67.9   | 89.3   | 99.2   | 76.1   | 12.3   | 5.6    |        |       |  |
| Cryptophyceae  | 100.0  |        | 2.1    |        |        |        | 12.7   | 12.2   | 3.4    | 7.0    | 5.1    | 2.2    | 5.1    | 6.6    | 17.0   | 28.9   | 12.7   |        |        |       |  |
| Dinophyceae  |        |        |        |        | 13.4   |        | 7.0    | 14.1   | 4.0    | 6.3    | 2.9    | 2.8    | 9.7    | 6.8    | .8     | 2.0    | 8.9    | 5.0    |        |       |  |
| Chrysophyceae  |        |        |        |        |        | 29.6   | 67.3   | 42.1   | 2.6    |        |        |        |        |        |        |        |        |        |        |       |  |
| Synurophyceae  |        |        | 1.0    |        |        | 66.5   | 1.6    | 8.1    | 29.6   | 31.6   | 7.3    | 47.6   | 15.3   |        |        |        |        |        |        |       |  |
| Diatomophyceae   |        | 100.0  | 95.3   | 97.9   | 86.6   | 3.9    | 2.9    | 2.9    | 2.9    | 58.0   | 1.7    | 19.4   | 1.9    | 3.3    |        | 4.9    | 45.7   | 75.7   |        |       |  |
| Prymnesiophyceae   |        |        | 3.7    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       |  |
| Chlorophyceae  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       |  |
| Ubestemte eller fåtallige celler                           |        |        |        |        |        |        | 8.5    | 14.3   | 22.9   | 58.0   | 58.5   | 58.5   | 19.4   | 1.9    | 3.3    | 4.9    | 4.3    | 1.0    |        |       |  |



Bryrup Langsø 1996

| Fytoplankton<br>Volumenbiomasse<br>procentvis sammensætning | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|   | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 | 961216 |  |
| Taxonomisk gruppe   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cyanophyta  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Woronichinia naegeliana                                     |        |        |        |        |        |        |        |        |        | 2.9    | .5     | 16.3   | 13.6   | 39.0   | 29.0   | 50.8   | 50.9   | 12.3   | 5.6    |  |
| Snowella lacustris  |        |        |        |        |        |        |        |        |        | 16.9   |        | 3.5    | .8     | 1.2    | .9     | .3     |        |        |        |  |
| Microcystis aeruginosa                                      |        |        |        |        |        |        |        |        |        |        |        |        | 11.4   | 12.7   | 27.2   | 36.9   | 20.6   |        |        |  |
| Microcystis viridis   |        |        |        |        |        |        |        |        |        |        |        |        | .3     |        | 1.0    | .3     |        |        |        |  |
| Microcystis wesenbergii                                     |        |        |        |        |        |        |        |        |        |        |        | .3     | .4     | 2.1    | 3.7    | 4.7    | 4.5    |        |        |  |
| Anabaena flos-aquae   |        |        |        |        |        |        |        | 6.5    |        | 9.6    | .1     |        | .1     | 13.6   | 25.4   | 2.5    |        |        |        |  |
| Anabaena solitaria  |        |        |        |        |        |        |        |        |        | 11.7   |        | .4     | .7     | 3.0    | 3.5    |        |        |        |        |  |
| Anabaena spiroides  |        |        |        |        |        |        |        |        |        |        |        |        | .8     |        |        |        |        |        |        |  |
| Anabaena Lemmermannii                                       |        |        |        |        |        |        |        |        |        |        |        |        |        | .2     |        | .1     |        |        |        |  |
| Aphanizomenon sp.   |        |        |        |        |        |        |        |        |        |        |        |        |        | .2     |        | .3     |        |        |        |  |
| Aphanizomenon flos-aquae                                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Pseudanabaena mucicola                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptophyceae   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptomonas spp. (20-30µm)                                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptophyceae spp. (5-10 µm)                                | 100.0  |        |        | 2.1    |        |        | 10.0   | 12.9   | 12.5   |        | 2.0    | 7.0    | 2.2    | 5.2    | .6     | 15.1   | 28.9   | 12.7   |        |  |
| Dinophyceae   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ceratium hirundinella                                       |        |        |        |        |        |        | .9     | 1.6    | .7     |        | 5.3    | 1.0    | .1     | .8     | .2     | .2     | .7     |        |        |  |
| Diplopsalis acuta   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Gymnodinium helveticum                                      |        |        |        |        |        |        | .1     |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridiniopsis polonicum                                     |        |        |        |        |        |        | .6     | 4.4    | 1.8    |        | .0     |        |        |        |        |        |        |        |        |  |
| Peridinium sp.  |        |        |        |        |        |        | .1     | 9.7    | 9.7    |        | .1     |        |        |        |        |        |        |        |        |  |
| Peridinium cinctum  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium spp.   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Chrysophyceae   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Dinobryon divergens   |        |        |        |        |        |        | 31.5   | 26.2   |        |        |        |        |        |        |        |        |        |        |        |  |
| Uroglena sp.  |        |        |        |        |        |        | 41.8   | 43.0   |        |        |        |        |        |        |        |        |        |        |        |  |
| Synurophyceae   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Mallomonas akrokomos  |        |        | 1.0    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diatomophyceae  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Aulacoseira granulata var. angustissima                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Aulacoseira italica   |        |        |        |        |        |        |        |        |        | 5.7    |        |        | 1.2    |        |        |        |        |        |        |  |
| Stephanodiscus rotula                                       | 100.0  |        |        | 15.2   | 32.1   | 5.4    | 7.9    |        |        | 3.3    | 3.9    |        | 35.6   | 7.3    |        |        |        |        |        |  |
| Centriske kiselalger spp. (< 10 µm)                         |        |        |        | 82.3   | 36.5   |        |        |        |        |        | 24.9   |        |        |        |        |        |        |        |        |  |
| Centriske kiselalger spp. (10-20 µm)                        |        |        |        | .5     |        |        |        | 1.6    | 1.8    |        | 2.8    | 7.0    |        |        |        |        | 45.7   | 75.7   |        |  |
| Asterionella formosa  |        |        |        |        |        |        |        |        |        |        | .3     |        |        |        |        |        |        |        |        |  |
| Diatoma elongatum   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Fragilaria crotonensis                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Fragilaria berolinensis                                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Synedra acus  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Synedra ulna  |        |        |        |        |        |        |        |        |        |        |        | .3     | .0     |        |        |        |        |        |        |  |

(fortsættes)

| Fytoplankton<br>Volumenbiomasse<br>procentvis sammensætning | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |     |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
|   | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 | 961216 |     |
| Prymnesiophyceae  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |     |
| Prymnesiophyceae spp.                                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |     |
| Chlorophyceae   |        |        | 3.7    |        |        | 3.9    | 33.5   | 2.9    |        |        |        | 1.7    |        |        |        |        |        |        |        |     |
| Pandorina morum   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |     |
| Eudorina elegans  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |     |
| Volvox aureus   |        |        |        |        |        |        |        |        | 3.0    | 23.0   | 58.6   | 58.2   | 17.3   | 1.7    | 2.8    |        |        |        |        |     |
| Scenedesmus spp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |     |
| Actinastrum hantzschii                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |     |
| Ankyra judayi   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |     |
| Closterium sp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |     |
| Closterium acutum   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |     |
| Ubestemte eller fåtallige celler                            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |     |
| Ubestemte flagellater (A) (< 5<br>µm)                       |        |        |        |        |        |        |        | 8.6    | 14.6   |        |        |        |        |        |        | 4.5    | 4.3    |        |        | 1.0 |



| Arternes specifikke volumener<br>i 10+3 µm <sup>3</sup> /individ<br>= 10-3 µg vådvægt/individ | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|   | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 | 961216 |  |
| Taxonomisk gruppe   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cyanophyta  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Woronichinia naegeliana   |        |        |        |        |        |        |        |        |        | 61947  | 46061  | 105015 | 120637 | 106082 | 56371  | 67474  | 104310 | 67873  | 65868  |  |
| Snowella lacustris  |        |        |        |        |        |        |        |        |        | 74955  |        | 6793.3 | 2879.7 | 3560.9 | 3070.8 | 3089.0 |        |        |        |  |
| Microcystis aeruginosa  |        |        |        |        |        |        |        |        |        |        |        |        | 17248  | 10782  | 12991  | 28867  | 16309  |        |        |  |
| Microcystis viridis   |        |        |        |        |        |        |        |        |        |        |        |        | 4241.2 |        | 3064.8 | 1636.2 |        |        |        |  |
| Microcystis wesenbergii   |        |        |        |        |        |        |        |        |        |        |        | 2120.6 | 4489.9 | 1960.0 | 3109.5 | 3910.1 | 5590.7 |        |        |  |
| Anabaena flos-aquae   |        |        |        |        |        |        |        | 4278.6 |        | 2551.9 | 1850.6 |        | 1135.0 |        |        |        |        |        |        |  |
| Anabaena solitaria  |        |        |        |        |        |        |        |        |        | 7147.8 |        |        |        | 821.6  | 904.8  | 929.3  |        |        |        |  |
| Anabaena spiroides  |        |        |        |        |        |        |        |        |        |        |        |        | 10002  |        | 9918.9 | 11182  |        |        |        |  |
| Anabaena Lemmermannii   |        |        |        |        |        |        |        |        |        |        |        | 3469.8 | 4996.5 |        |        |        |        |        |        |  |
| Aphanizomenon sp.   |        |        |        |        |        |        |        |        |        |        |        |        |        | 4293.5 |        |        |        |        |        |  |
| Aphanizomenon flos-aquae  |        |        |        |        |        |        |        |        |        |        |        | 9.7    |        | 2305.9 |        |        |        |        |        |  |
| Pseudanabaena mucicola  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 2518.3 |        |        |  |
| Cryptophyceae   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptomonas spp. (20-30µm)  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Cryptophyceae spp. (5-10 µm)  | 105.5  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Dinophyceae   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ceratium hirundinella   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diplopsalis acuta   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Gymnodinium helveticum  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridiniopsis polonicum   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium sp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium cinctum  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Peridinium spp.   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Chrysophyceae   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Dinobryon divergens   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Uroglena sp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Synurophyceae   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Mallomonas akrokomos  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diatomophyceae  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Aulacoseira granulata var.<br>angustissima  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Aulacoseira italica   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Stephanodiscus rotula   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Centriske kiselalger spp. (< 10<br>µm)  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Centriske kiselalger spp.<br>(10-20 µm)   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Asterionella formosa  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Diatoma elongatum   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Fragilaria crotonensis  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Fragilaria berolinensis   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Synedra acus  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Synedra ulna  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |



Bryrup Langsø 1996 - Fytoplankton

| Arternes specifikke volumener<br>i 10+3 µm <sup>3</sup> /individ<br>= 10-3 µg vådvægt/individ | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|   | 960125 | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 | 961216 |  |
| Prymnesiophyceae  |        |        |        |        |        | 37.5   | 37.5   |        |        |        |        | 37.5   |        |        |        |        |        |        |        |  |
| Prymnesiophyceae spp.   |        |        |        |        |        |        |        |        |        |        |        | 311.7  | 278.2  | 561.3  | 728.2  |        |        |        |        |  |
| Chlorophyceae   |        |        |        |        |        |        |        |        |        |        |        | 65.4   | 296.2  | 65.4   | 113.1  |        |        |        |        |  |
| Pandorina morum   |        |        |        |        |        |        |        |        |        |        |        | 65.4   | 65.4   | 65.4   |        |        |        |        |        |  |
| Eudorina elegans  |        |        |        |        |        |        |        |        |        |        |        | 56.9   | 90.0   |        |        |        |        |        |        |  |
| Volvox aureus   |        |        |        |        |        |        |        |        |        |        |        | 55.6   | 90.1   |        |        |        |        |        |        |  |
| Scenedesmus spp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Actinastrum hantzschii  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ankyra judayi   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Closterium sp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Closterium acutum   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ubestemte eller fåtallige celler<br>Ubestemte flagellater (A) (< 5<br>µm)                     |        |        | 49.8   |        |        |        |        | 41.9   | 49.8   |        |        |        |        |        |        |        | 8691.7 | 455.7  | 471.7  |  |

Bryrup Langsø 1996  
Tidsvægtede gennemsnit - Fytoplankton, celleantal

| celler/ml                        | Hele perioden |         |            |            | 1/5 - 31/9 |            |            | 1/3 - 31/5 |           |  |
|----------------------------------|---------------|---------|------------|------------|------------|------------|------------|------------|-----------|--|
|                                  | Gennemsnit    | Procent | Maximum    | Gennemsnit | Procent    | Maximum    | Gennemsnit | Procent    | Maximum   |  |
| GRAND TOTAL                      | 19251.637     | 100.0%  | 26868.062  | 30254.237  | 100.0%     | 21772.473  | 23773.939  | 100.0%     | 10034.065 |  |
| TAXONOMISKE GRUPPER              |               |         |            |            |            |            |            |            |           |  |
| Cyanophyta                       | 654.047       | 3.4%    | 10094.160  | 1353.067   | 4.5%       | 10094.160  | .000       | .0%        | .000      |  |
| Cryptophyceae                    | 406.164       | 2.1%    | 2380.627   | 434.521    | 1.4%       | 2380.627   | 521.927    | 2.2%       | 2284.531  |  |
| Dinophyceae                      | 5.329         | .0%     | 41.258     | 9.974      | .0%        | 41.258     | .219       | .0%        | 1.550     |  |
| Chrysophyceae                    | 1313.391      | 6.8%    | 11282.263  | 2554.460   | 8.4%       | 11282.263  | 2463.032   | 10.4%      | 8884.691  |  |
| Synurophyceae                    | 10.030        | .1%     | 133.467    | .000       | .0%        | .000       | 33.247     | .1%        | 133.467   |  |
| Diatomophyceae                   | 5747.865      | 29.9%   | 58301.179  | 2607.683   | 8.6%       | 12574.341  | 17055.762  | 71.7%      | 58301.179 |  |
| Prymnesiophyceae                 | 1199.825      | 6.2%    | 18633.600  | 2316.686   | 7.7%       | 18633.600  | 3588.593   | 15.1%      | 18633.600 |  |
| Chlorophyceae                    | 9544.142      | 49.6%   | 135087.906 | 20192.813  | 66.7%      | 135087.906 | .000       | .0%        | .000      |  |
| Ubestemte eller fåtallige celler | 370.844       | 1.9%    | 5858.098   | 785.033    | 2.6%       | 5858.098   | 111.159    | .5%        | 2067.564  |  |

Bryrup Langsø 1996  
Tidsvægtede gennemsnit - Fytoplankton, kulstof

| µg/l                             | Hele perioden |         |          |            | 1/5 - 31/9 |         |            | 1/3 - 31/5 |          |  |
|----------------------------------|---------------|---------|----------|------------|------------|---------|------------|------------|----------|--|
|                                  | Gennemsnit    | Procent | Maximum  | Gennemsnit | Procent    | Maximum | Gennemsnit | Procent    | Maximum  |  |
| GRAND TOTAL                      | 447.491       | 100.0%  | 357.763  | 680.236    | 100.0%     | 308.150 | 400.798    | 100.0%     | 140.624  |  |
| TAXONOMISKE GRUPPER              |               |         |          |            |            |         |            |            |          |  |
| Cyanophyta                       | 154.123       | 34.4%   | 817.947  | 263.250    | 38.7%      | 817.947 | .000       | .0%        | .000     |  |
| Cryptophyceae                    | 15.993        | 3.6%    | 58.931   | 23.144     | 3.4%       | 58.931  | 8.699      | 2.2%       | 22.936   |  |
| Dinophyceae                      | 17.800        | 4.0%    | 111.648  | 35.907     | 5.3%       | 111.648 | 1.128      | .3%        | 9.588    |  |
| Chrysophyceae                    | 18.435        | 4.1%    | 116.851  | 35.629     | 5.2%       | 116.851 | 36.867     | 9.2%       | 113.708  |  |
| Synurophyceae                    | .125          | .0%     | 1.668    | .000       | .0%        | .000    | .415       | .1%        | 1.668    |  |
| Diatomophyceae                   | 162.815       | 36.4%   | 1031.265 | 159.705    | 23.5%      | 586.421 | 338.027    | 84.3%      | 1031.265 |  |
| Prymnesiophyceae                 | 5.014         | 1.1%    | 76.928   | 9.448      | 1.4%       | 76.928  | 15.150     | 3.8%       | 76.928   |  |
| Chlorophyceae                    | 71.267        | 15.9%   | 972.563  | 149.091    | 21.9%      | 972.563 | .000       | .0%        | .000     |  |
| Ubestemte eller fåtallige celler | 1.919         | .4%     | 32.062   | 4.062      | .6%        | 32.062  | .512       | .1%        | 9.527    |  |

Bryrup Langsø 1996  
Tidsvagede gennemsnit - Fytoplankton, cellevolumen

| mm <sup>3</sup> /l               | Hele perioden |         |         | 1/5 - 31/9 |         |         | 1/3 - 31/5 |         |         |
|----------------------------------|---------------|---------|---------|------------|---------|---------|------------|---------|---------|
|                                  | Gennemsnit    | Procent | Maximum | Gennemsnit | Procent | Maximum | Gennemsnit | Procent | Maximum |
| GRAND TOTAL                      | 4.044         | 100.0%  | 3.235   | 6.133      | 100.0%  | 2.784   | 3.643      | 100.0%  | 1.277   |
| TAXONOMISKE GRUPPER              |               |         |         |            |         |         |            |         |         |
| Cyanophyta                       | 1.401         | 34.6%   | 7.436   | 2.393      | 39.0%   | 7.436   | .000       | .0%     | .000    |
| Cryptophyceae                    | .145          | 3.6%    | .536    | .210       | 3.4%    | .536    | .079       | 2.2%    | .208    |
| Dinophyceae                      | .138          | 3.4%    | .859    | .276       | 4.5%    | .859    | .009       | .2%     | .074    |
| Chrysophyceae                    | .168          | 4.2%    | 1.062   | .324       | 5.3%    | 1.062   | .335       | 9.2%    | 1.034   |
| Synuriphyceae                    | .001          | .0%     | .015    | .000       | .0%     | .000    | .004       | .1%     | .015    |
| Diatomophyceae                   | 1.480         | 36.6%   | 9.375   | 1.452      | 23.7%   | 5.331   | 3.073      | 84.4%   | 9.375   |
| Prymnesiophyceae                 | .046          | 1.1%    | .699    | .086       | 1.4%    | .699    | .138       | 3.8%    | .699    |
| Chlorophyceae                    | .648          | 16.0%   | 8.841   | 1.355      | 22.1%   | 8.841   | .000       | .0%     | .000    |
| Ubestemte eller fåtallige celler | .017          | .4%     | .291    | .037       | .6%     | .291    | .005       | .1%     | .087    |

| Fytoplankton<br>µgC/l                          | DATO   |        |                      |        |                      |                        |                       |                      |                       |                       |                         |                       |                        |                       |                      |                      |              |             |
|--|--------|--------|----------------------|--------|----------------------|------------------------|-----------------------|----------------------|-----------------------|-----------------------|-------------------------|-----------------------|------------------------|-----------------------|----------------------|----------------------|--------------|-------------|
|  | 960125 | 960222 | 960314               | 960411 | 960423               | 960509                 | 960523                | 960606               | 960618                | 960703                | 960718                  | 960801                | 960813                 | 960828                | 960910               | 960925               | 961023       | 961120      |
| Størrelsesklasse<br><=20µm<br>21-50µm<br>>50µm | 3.4    | 16.3   | 64.3<br>1.7<br>101.1 | 887.9  | 75.3<br>37.1<br>93.8 | 15.1<br>213.2<br>156.5 | 76.9<br>29.5<br>123.7 | 91.7<br>22.1<br>59.9 | 126.5<br>57.2<br>40.6 | 43.6<br>35.2<br>236.3 | 484.7<br>35.2<br>1157.0 | 54.9<br>44.6<br>406.7 | 18.8<br>508.9<br>703.7 | 33.0<br>68.0<br>815.4 | 27.0<br>6.8<br>718.8 | 3.2<br>26.3<br>133.0 | 16.1<br>26.5 | 9.1<br>42.3 |

| Fytoplankton volumenbiomasse<br>mm <sup>3</sup> /l = mg vådvægt/l | DATO   |        |                         |        |                         |                           |                          |                         |                          |        |        |                          |                           |                          |                          |                          |                |                |
|---|--------|--------|-------------------------|--------|-------------------------|---------------------------|--------------------------|-------------------------|--------------------------|--------|--------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|----------------|----------------|
|   | 960125 | 960222 | 960314                  | 960411 | 960423                  | 960509                    | 960523                   | 960606                  | 960618                   | 960703 | 960718 | 960801                   | 960813                    | 960828                   | 960910                   | 960925                   | 961023         | 961120         |
| Størrelsesklasse<br><=20µm<br>21-50µm<br>>50µm                    | .0310  | .1485  | .5844<br>.0152<br>.9190 | 8.0716 | .6845<br>.3373<br>.8528 | .1370<br>1.9383<br>1.4226 | .6993<br>.2650<br>1.1214 | .8334<br>.2008<br>.5280 | 1.1502<br>.4787<br>.3666 | .3805  | 4.4067 | .4992<br>.3930<br>3.6884 | .1706<br>4.5830<br>6.3926 | .3001<br>.5345<br>7.4092 | .2455<br>.0554<br>6.5323 | .0289<br>.2390<br>1.2070 | .1463<br>.2410 | .0826<br>.3850 |

| Fytoplankton<br>Biomasse (C) -<br>procentvis sammensætning | DATO   |        |                     |        |                      |                     |                      |                      |                      |        |                     |                     |                     |              |                    |                   |                     |              |              |
|--|--------|--------|---------------------|--------|----------------------|---------------------|----------------------|----------------------|----------------------|--------|---------------------|---------------------|---------------------|--------------|--------------------|-------------------|---------------------|--------------|--------------|
|  | 960125 | 960222 | 960314              | 960411 | 960423               | 960509              | 960523               | 960606               | 960618               | 960703 | 960718              | 960801              | 960813              | 960828       | 960910             | 960925            | 961023              | 961120       | 961216       |
| Størrelsesklasse<br><=20µm<br>21-50µm<br>>50µm             | 100.0  | 100.0  | 38.5<br>1.0<br>60.5 | 84.3   | 36.5<br>18.0<br>45.5 | 3.9<br>55.4<br>40.7 | 33.4<br>12.8<br>53.8 | 52.8<br>12.7<br>34.5 | 56.4<br>25.5<br>18.1 | 15.6   | 28.9<br>2.1<br>69.0 | 10.8<br>8.8<br>80.3 | 1.5<br>41.3<br>57.1 | 22.3<br>77.7 | 3.6<br>7.4<br>89.0 | 3.6<br>.9<br>95.5 | 2.0<br>16.2<br>81.9 | 37.8<br>62.2 | 17.7<br>82.3 |

| Fytoplankton<br>Volumenbiomasse<br>procentvis sammensætning | DATO   |        |                     |        |                      |                     |                      |                      |                      |        |                     |                     |                     |              |                    |                   |                     |              |              |
|---|--------|--------|---------------------|--------|----------------------|---------------------|----------------------|----------------------|----------------------|--------|---------------------|---------------------|---------------------|--------------|--------------------|-------------------|---------------------|--------------|--------------|
|   | 960125 | 960222 | 960314              | 960411 | 960423               | 960509              | 960523               | 960606               | 960618               | 960703 | 960718              | 960801              | 960813              | 960828       | 960910             | 960925            | 961023              | 961120       | 961216       |
| Størrelsesklasse<br><=20µm<br>21-50µm<br>>50µm              | 100.0  | 100.0  | 38.5<br>1.0<br>60.5 | 84.3   | 36.5<br>18.0<br>45.5 | 3.9<br>55.4<br>40.7 | 33.5<br>12.7<br>53.8 | 53.3<br>12.9<br>33.8 | 57.6<br>24.0<br>18.4 | 15.0   | 29.2<br>2.1<br>68.7 | 10.9<br>8.6<br>80.5 | 1.5<br>41.1<br>57.4 | 21.3<br>78.7 | 3.6<br>6.5<br>89.9 | 3.6<br>.8<br>95.6 | 2.0<br>16.2<br>81.8 | 37.8<br>62.2 | 17.7<br>82.3 |





ZOOPLANKTON  
DATALISTER 1997





| Zooplankton<br>µg C/l               | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                     | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| Taxonomisk gruppe                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Rotatoria                           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <i>Brachionus angularis</i>         |        |        |        |        |        | .2     | .1     | .0     |        |        |        | .1     | .5     | .6     | .3     |        |        |
| <i>Brachionus calyciflorus</i>      |        |        |        |        | .3     | .3     |        |        |        |        |        |        |        |        |        |        |        |
| <i>Brachionus diversicornis</i>     | .1     | .1     | .3     | .8     | 4.1    | 12.6   | 9.8    | .6     | .0     | .0     | .1     | .4     | 2.0    | .9     | .7     | .6     | .5     |
| <i>Keratella cochlearis</i>         |        |        |        | .0     |        | .0     |        |        |        |        | .0     | .1     | .9     | 1.5    | .6     |        |        |
| <i>Keratella cochlearis tecta</i>   | .2     | .8     | 1.1    | 1.5    | 6.3    | 12.1   | 2.2    | .0     |        | .0     | .0     | .1     | .3     | .1     | .1     | .4     | .3     |
| <i>Keratella quadrata</i>           | .1     | .0     | .0     | .0     | .0     | .3     | .3     | .1     | .6     | .4     | .6     | 2.2    | .0     | .1     | .1     |        |        |
| <i>Kellikottia longispina</i>       |        |        |        |        |        |        |        |        |        |        |        | .0     |        |        |        |        |        |
| <i>Euchlanis dilatata</i>           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <i>Euchlanis sp.</i>                |        |        |        |        |        | .1     | .3     | .7     |        | .2     | .6     | .1     | 1.5    | .0     |        |        |        |
| <i>Trichocerca sp.</i>              |        |        |        |        |        |        |        |        | 2.4    | 2.4    |        | .0     | .2     | .0     |        |        |        |
| <i>Trichocerca capucina</i>         |        |        |        |        |        |        | .0     |        |        | .1     | .0     | .8     | .8     | .4     | .1     |        |        |
| <i>Trichocerca porcellus</i>        |        |        |        |        |        |        |        |        | .0     | .1     | .0     | .2     | 1.6    | 1.6    | .5     |        |        |
| <i>Trichocerca pusilla</i>          |        |        |        |        |        |        |        |        | .1     |        | .0     | .0     |        |        |        |        |        |
| <i>Trichocerca similis</i>          |        |        |        |        |        |        |        |        |        |        | .0     | .0     |        |        |        |        |        |
| <i>Gastropus minor</i>              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <i>Ascomorpha saltans</i>           |        |        | .0     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <i>Polyarthra spp.</i>              | .4     | .1     | .3     | 1.1    | 4.3    | 3.0    | .7     | .4     | 1.2    | 1.1    | 1.9    | .5     | 2.4    | .7     | .5     | .2     | .2     |
| <i>Synchaeta spp.</i>               |        | .0     |        | .6     | 1.1    | .8     | .1     | .1     | .1     | 1.3    | .3     | 1.1    | .7     | 5.0    | .4     |        |        |
| <i>Asplanchna sp.</i>               |        |        |        |        | 4.6    | 23.2   | 20.9   | 51.9   | 4.1    | 5.1    | 35.3   | .7     | 4.9    | .7     | 1.2    | .2     | .3     |
| <i>Pompholyx complanata</i>         |        |        |        |        |        |        |        |        | .0     | .1     | .1     | .3     | 5.5    | .4     | .1     |        |        |
| <i>Pompholyx sulcata</i>            |        |        |        |        |        | .0     |        |        |        |        |        |        |        |        |        |        |        |
| <i>Filinia longiseta</i>            |        |        |        |        |        | .5     | .1     |        | .3     | .5     | 1.2    | 1.6    | .1     | .2     | .3     | .5     | .4     |
| <i>Conochilus unicornis</i>         |        |        | .0     | .1     | 1.1    | .5     | .2     | .0     | .3     |        | .1     | .4     | .0     | .9     | 1.4    | .2     | .1     |
| <i>Uidentificeret hjuldyr sp. 2</i> |        |        |        |        |        |        |        | .3     |        |        |        |        |        |        |        |        |        |
| <i>Uidentificeret hjuldyr sp. 3</i> |        |        |        |        |        |        |        | .0     |        |        |        |        |        |        |        |        |        |
| <i>Ubestemte hjuldyr spp.</i>       |        |        | .0     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Cladocera                           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <i>Ceriodaphnia sp.</i>             |        |        |        |        |        |        |        |        | .2     |        |        | .0     | .1     | .1     | .5     | 3.0    | 1.2    |
| <i>Daphnia sp.</i>                  |        |        |        |        |        |        |        |        |        |        |        | 2.8    | 59.6   | 76.4   | 176.3  | 126.2  | 50.5   |
| <i>Daphnia cucullata</i>            |        |        |        |        | 6.0    |        |        |        | 272.4  | 41.3   | 72.8   | 35.3   | 22.4   | 1.9    | 21.9   | 1.6    | 22.6   |
| <i>Daphnia galeata</i>              |        |        |        |        |        | 19.2   | 310.4  | 769.6  | 5.0    |        |        | 3.6    |        |        | 2.2    | 11.9   | 37.7   |
| <i>Daphnia hyalina</i>              | 2.4    |        |        |        | 15.1   |        |        | 1.7    |        | 2.2    | 20.1   | 40.8   | 104.5  | 47.3   | 20.2   | 55.8   | 25.1   |
| <i>Bosmina coregoni</i>             |        |        |        |        |        |        |        |        |        | 10.4   | 11.4   | .3     | .1     |        |        |        |        |
| <i>Bosmina longirostris</i>         | .8     | .3     | .5     | .4     | .3     | 2.0    | 16.8   | 7.1    | 1.7    |        | .1     | .5     | 10.6   | 12.0   | 13.3   | 4.3    | 1.2    |
| <i>Chydorus sphaericus</i>          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <i>Leptodora kindtii</i>            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Calanoida                           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <i>Eudiaptomus gracilis</i>         |        |        |        |        |        |        |        | .8     |        |        |        |        |        |        |        |        |        |
| <i>Eudiaptomus graciloides</i>      | 23.5   | 73.3   | 7.1    | 4.4    | 4.1    | 13.3   | 18.9   | 16.1   | 11.6   | 11.4   | 39.0   | 16.8   | 30.3   | 18.4   | 8.4    | 14.2   | 23.9   |
| <i>Calanoida copepoditter</i>       | 5.4    | 3.1    | 1.6    | 3.1    | 11.9   | 23.8   | 20.0   | 18.6   | 32.6   | 10.7   | 23.0   | 10.9   | 10.1   | 11.3   | 10.2   | 5.3    | 6.3    |
| Cyclopoida                          |        |        |        |        |        |        |        |        |        |        | 2.3    |        |        |        |        |        |        |
| <i>Cyclops spp.</i>                 |        | 5.9    | 4.1    | 4.2    |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <i>Cyclops strenuus</i>             |        |        | 9.5    | 3.8    | .5     |        |        |        |        |        |        |        |        |        |        |        |        |
| <i>Mesocyclops leuckarti</i>        | .2     |        |        |        |        |        |        |        |        |        |        | 2.2    | 4.1    | .7     | .3     |        |        |



Brygrup Langsø 1996

| Zooplankton<br>µg C/l      | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                            | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| Thermocyclops oithonooides |        |        |        | 1.3    |        |        | .5     |        | 1.1    | .5     | 20.4   | 5.3    | 8.4    | .6     | .3     |        | .4     |
| Cyclopoide copepoditter    | 49.0   | 194.5  | 21.2   | 35.9   | 168.6  | 77.9   | 54.6   | 7.4    | 25.4   | 18.5   | 67.8   | 25.3   | 56.5   | 81.5   | 73.0   | 60.7   | 6.9    |
| Nauplier                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Copepod nauplier spp.      | .6     | 2.3    | 5.2    | 24.0   | 4.3    | 8.8    | 16.7   | 6.1    | 6.3    | 3.4    | 8.1    | 4.3    | 10.3   | 9.3    | 5.4    | 1.4    | .8     |

Bryrup Langsø 1996

| Zooplankton<br>SUM µg C/l | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                           | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 |
| 80.0                      | 283.2  | 50.9   | 81.3   | 234.1  | 261.2  | 472.5  | 881.7  | 365.4  | 109.6  | 305.5  | 155.2  | 338.5  | 272.7  | 338.5  | 286.5  | 178.5  |
| .8                        | 1.1    | 1.8    | 4.1    | 23.2   | 64.7   | 34.7   | 54.2   | 9.0    | 11.2   | 40.4   | 6.9    | 21.6   | 13.2   | 6.5    | 2.0    | 2.0    |
| .8                        | 2.7    | .5     | .4     | 21.5   | 72.8   | 327.2  | 778.4  | 279.3  | 53.9   | 104.4  | 83.4   | 197.2  | 137.7  | 234.4  | 203.0  | 138.2  |
| 28.9                      | 76.4   | 8.7    | 7.5    | 16.0   | 37.1   | 38.9   | 35.6   | 44.2   | 22.2   | 62.0   | 27.8   | 40.4   | 29.7   | 18.7   | 19.4   | 30.3   |
| 49.0                      | 200.6  | 34.8   | 45.3   | 169.1  | 77.9   | 55.0   | 7.4    | 26.5   | 19.0   | 90.5   | 32.8   | 69.0   | 82.9   | 73.6   | 60.7   | 7.2    |
| .6                        | 2.3    | 5.2    | 24.0   | 4.3    | 8.8    | 16.7   | 6.1    | 6.3    | 3.4    | 8.1    | 4.3    | 10.3   | 9.3    | 5.4    | 1.4    | .8     |

| Zooplankton volumenbiomasse<br>mm <sup>3</sup> /l = mg vådvægt/l | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|  | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| Taxonomisk gruppe  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Rotatoria  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Brachionus angularis   |        |        |        |        |        | .0052  | .0020  | .0006  |        |        |        | .0028  | .0117  | .0141  | .0056  |        |        |
| Brachionus calyciflorus  |        |        |        |        |        | .0071  |        |        |        |        |        |        |        |        |        |        |        |
| Brachionus diversicornis   |        |        |        |        | .0887  | .2722  | .2117  | .0135  | .0008  | .0007  | .0032  | .0084  | .0428  | .0204  | .0160  |        |        |
| Keratella cochlearis   | .0012  | .0017  | .0058  | .0184  |        | .0001  |        |        |        | .0001  | .0008  | .0195  | .0330  | .0141  | .0128  |        | .0114  |
| Keratella cochlearis tecta                                       |        |        |        | .0000  |        | .0001  |        |        |        |        | .0008  | .0016  | .0062  | .0014  |        |        |        |
| Keratella quadrata   | .0045  | .0171  | .0233  | .0331  | .1369  | .2627  | .0471  | .0011  |        |        |        |        |        |        |        |        |        |
| Kellikottia longispina   | .0012  | .0002  | .0005  | .0002  | .0004  | .0061  | .0075  | .0018  | .0139  | .0078  | .0139  | .0470  | .0037  | .0027  | .0015  | .0078  | .0072  |
| Euchlanis dilatata   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Euchlanis sp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Trichocerca sp.  |        |        |        |        |        | .0027  |        |        |        |        |        | .0010  |        |        |        |        |        |
| Trichocerca capucina   |        |        |        |        |        |        | .0060  | .0161  |        | .0038  | .0135  | .0029  | .0318  | .0150  | .0119  | .0046  | .0053  |
| Trichocerca porcellus  |        |        |        |        |        |        | .0005  |        | .0530  | .0519  |        | .0040  | .0007  | .0089  | .0020  |        |        |
| Trichocerca pusilla  |        |        |        |        |        |        |        |        |        |        | .0005  | .00176 | .0089  | .0020  |        |        |        |
| Trichocerca similis  |        |        |        |        |        |        |        |        | .0008  | .0022  | .0007  | .0035  | .0337  | .0337  | .0119  |        |        |
| Gastropus minor  |        |        |        |        |        |        |        |        | .0018  |        |        | .0001  |        |        |        |        |        |
| Ascomorpha saltans   |        |        | .0005  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Polyarthra spp.  | .0095  | .0032  | .0068  | .0234  | .0926  | .0641  | .0157  | .0095  | .0262  | .0235  | .0423  | .0103  | .0517  | .0150  | .0119  | .0046  | .0053  |
| Synchaeta spp.   |        | .0002  |        | .0131  | .0231  | .0168  | .0027  | .0020  | .0029  | .0280  | .0069  | .0231  | .0152  | .1073  | .0084  |        |        |
| Asplanchna sp.   |        |        |        |        | .0989  | .5022  | .4526  | 1.1242 | .0896  | .1098  | .7657  | .1056  | .1056  | .0151  | .0270  |        |        |
| Pompholyx complanata   |        |        |        |        |        |        |        |        | .0002  | .0031  | .0013  | .0069  | .1190  | .0076  | .0032  | .0053  | .0060  |
| Pompholyx sulcata  |        |        |        |        |        | .0004  |        |        |        |        |        |        |        |        |        |        |        |
| Filinia longiseta  |        | .0005  | .0005  | .0011  | .0234  | .0106  | .0017  |        |        | .0117  | .0252  | .0337  | .0013  | .0052  | .0076  | .0101  | .0093  |
| Conochilus unicornis   |        | .0004  | .0009  | .0003  | .0401  | .2509  | .0054  | .0003  | .0066  |        | .0019  | .0079  | .0023  | .0205  | .0311  | .0034  | .0032  |
| Uidentificeret hjuldyr sp. 2                                     |        |        |        |        |        |        | .0058  |        |        |        |        |        |        |        |        |        |        |
| Uidentificeret hjuldyr sp. 3                                     |        |        |        |        |        |        | .0005  |        |        |        |        |        |        |        |        |        |        |
| Ubestemte hjuldyr spp.   |        | .0004  |        |        |        | .0005  |        |        |        |        |        |        |        | .0004  |        |        |        |
| Cladocera  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Ceriodaphnia sp.   |        |        |        |        |        |        |        |        | .0034  |        |        | .0006  | .0120  | .0230  | .0099  | .0658  | .0266  |
| Daphnia sp.  |        |        |        |        | .1297  | 1.1189 | 6.7287 | 16.685 | 5.9067 | .8947  | 1.5776 | .0601  | 1.2930 | 1.6566 | 3.8223 | 2.7369 | 1.0943 |
| Daphnia cucullata  |        |        |        |        |        | .4164  | .0369  |        | .1089  |        |        | .7659  | .4848  | .0423  | .4750  | .0356  | .4890  |
| Daphnia galeata  |        | .0531  |        |        | .3280  |        |        |        |        |        |        | .0785  |        |        | .0485  | .2572  | .8174  |
| Daphnia hyalina  |        |        |        |        |        |        |        |        |        | .0474  | .4361  | .8841  | 2.2648 | 1.0246 | .4381  | 1.2106 | .5440  |
| Bosmina coregoni   |        |        |        |        |        |        | .3643  | .1545  | .0363  | .2263  | .2469  | .0063  | .0021  |        |        |        |        |
| Bosmina longirostris   | .0168  | .0060  | .0115  | .0093  | .0074  | .0423  |        |        |        |        | .0028  | .0112  | .2303  | .2606  | .2873  | .0942  | .0256  |
| Chydorus sphaericus  |        |        |        |        |        |        |        |        |        |        |        | .0019  |        |        |        |        |        |
| Leptodora kindtii  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Calanoida  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Eudiaptomus gracilis   |        |        |        |        |        |        |        | .0177  |        |        |        |        |        |        |        |        |        |
| Eudiaptomus graciloides  | .5100  | 1.5900 | .1530  | .0961  | .0898  | .2892  | .4092  | .3501  | .2522  | .2475  | .8466  | .3647  | .6571  | .3982  | .1829  | .3073  | .5183  |
| Calanoida copepoditter   | .1170  | .0662  | .0345  | .0666  | .2571  | .5153  | .4336  | .4038  | .7069  | .2329  | .4983  | .2370  | .2189  | .2450  | .2221  | .1140  | .1376  |
| Cyclopoidea  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Cyclops spp.   |        | .1283  | .0890  | .0916  |        |        |        |        |        |        | .0508  |        |        |        |        |        |        |
| Cyclops strenuus   |        |        | .1973  | .0797  |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Mesocyclops leuckarti  |        | .0050  |        |        | .0098  |        |        |        |        |        |        | .0470  | .0898  | .0150  | .0063  |        |        |

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| Zooplankton volumenbiomasse<br>mm <sup>3</sup> /l = mg vådvægt/l | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|  | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| Thermocyclops oithonoides  | 1.0621 | 4.2165 | .4599  | .0274  | 3.6557 | 1.6891 | .0100  | .1604  | .0242  | .0109  | .4419  | .1155  | .1813  | .0134  | .0057  |        | .0077  |
| Cyclopoide copepoditter  |        |        | .7791  | .7791  |        |        | 1.1834 |        | .5503  | .4015  | 1.4696 | .5493  | 1.2259 | 1.7680 | 1.5831 | 1.3154 | .1494  |
| Nauplier   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Copepod nauplier spp.  | .0120  | .0507  | .1120  | .5200  | .0940  | .1907  | .3627  | .1313  | .1360  | .0727  | .1767  | .0933  | .2227  | .2007  | .1173  | .0300  | .0173  |



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| Zooplankton volumenbiomasse<br>mm <sup>3</sup> /l = mg vådvægt/l | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|  | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| GRAND TOTAL  | 1.734  | 6.139  | 1.096  | 1.759  | 5.075  | 5.664  | 10.245 | 19.115 | 7.921  | 2.377  | 6.623  | 3.365  | 7.350  | 5.933  | 7.339  | 6.211  | 3.869  |
| Taxonomisk gruppe  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Rotatoria  | .016   | .023   | .039   | .090   | .504   | 1.402  | .753   | 1.175  | .196   | .243   | .875   | .150   | .468   | .286   | .140   | .044   | .042   |
| Cladocera  | .017   | .059   | .012   | .009   | .465   | 1.578  | 7.093  | 16.877 | 6.055  | 1.168  | 2.263  | 1.809  | 4.287  | 3.007  | 5.081  | 4.400  | 2.997  |
| Calanoida  | .627   | 1.656  | .188   | .163   | .347   | .805   | .843   | .771   | .959   | .480   | 1.345  | .602   | .876   | .643   | .405   | .421   | .656   |
| Cyclopoidea  | 1.062  | 4.350  | .746   | .978   | 3.665  | 1.689  | 1.193  | .160   | .575   | .412   | 1.962  | .712   | 1.497  | 1.796  | 1.595  | 1.315  | .157   |
| Naupliar   | .012   | .051   | .112   | .520   | .094   | .191   | .363   | .131   | .136   | .073   | .177   | .093   | .223   | .201   | .117   | .030   | .017   |

| Zooplankton tørvægt<br>µg/l  | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                              | 960222 | 960314 | 960411 | 950423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
|                              | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  |
| Taxonomisk gruppe            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Rotatoria                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Brachionus angularis         |        |        |        |        |        | .6     | .2     | .1     |        |        |        | .4     | 1.5    | 1.8    | .7     |        |        |
| Brachionus calyciflorus      |        |        |        |        |        | .9     |        |        |        |        |        |        |        |        |        |        |        |
| Brachionus diversicornis     |        |        |        |        |        | 34.0   | 26.5   | 1.7    | .1     | .1     | .4     | 1.0    | 5.3    | 2.5    | 2.0    |        |        |
| Keratella cochlearis         | .2     | .2     | .7     | 2.3    | 11.1   | .0     |        |        |        | .0     | .1     | .2     | 2.4    | 4.1    | 1.8    | 1.6    | 1.4    |
| Keratella cochlearis tecta   | .6     | 2.1    | 2.9    | 4.1    | 17.1   | 32.8   | 5.9    | .1     |        |        |        |        | .8     | .2     | .2     | 1.0    | .9     |
| Keratella quadrata           | .2     | .0     | .1     | .0     | .0     | .8     | .9     | .2     | 1.7    | 1.0    | 1.7    | 5.9    | .1     | .3     |        |        |        |
| Kellikottia longispina       |        |        |        |        |        |        |        |        |        |        |        |        | .5     |        |        |        |        |
| Euchlanis dilatata           |        |        |        |        |        |        |        |        |        |        |        |        | .1     |        |        |        |        |
| Euchlanis sp.                |        |        |        |        |        | .3     |        |        |        |        |        |        |        |        |        |        |        |
| Trichocerca sp.              |        |        |        |        |        |        | .7     | 2.0    |        | .5     | 1.7    | .4     | 4.0    |        |        |        |        |
| Trichocerca capucina         |        |        |        |        |        |        |        |        | 6.6    | 6.5    |        |        | .5     | .1     | .2     |        |        |
| Trichocerca porcellus        |        |        |        |        |        |        | .1     |        |        | .3     | .1     | .4     | 2.2    | 1.1    |        |        |        |
| Trichocerca pusilla          |        |        |        |        |        |        |        |        | .1     | .3     |        | .4     | 4.2    | 4.2    | 1.5    |        |        |
| Trichocerca similis          |        |        |        |        |        |        |        |        | .2     |        |        | .0     |        |        |        |        |        |
| Gastropus minor              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Ascomorpha saltans           | 1.2    | .4     | .9     | 2.9    | 11.6   | 8.0    | 2.0    | 1.2    | 3.3    | 2.9    | 5.3    | 1.3    | 6.5    | 1.9    | 1.5    | .6     | .7     |
| Polyarthra spp.              |        | .0     | .1     | 1.6    | 2.9    | 2.1    | .3     | .3     | .4     | 3.5    | .9     | 2.9    | 1.9    | 13.4   | 1.1    |        |        |
| Synchaeta spp.               |        |        |        |        | 12.4   | 62.8   | 56.6   | 140.5  | 11.2   | 13.7   | 95.7   | .9     | 13.2   | 1.9    | 3.4    | .7     | .7     |
| Asplanchna sp.               |        |        |        |        |        |        |        |        | .0     | .4     | .2     | .9     | 14.9   | .9     | .4     |        |        |
| Pompholyx complanata         |        |        |        |        |        | .0     |        |        |        |        |        |        |        |        |        |        |        |
| Pompholyx sulcata            |        |        |        |        |        | 1.3    | .2     | .0     | .8     | 1.5    | 3.1    | 4.2    | .2     | .7     | .9     | 1.3    | 1.2    |
| Filinia longiseta            |        | .1     | .1     | .1     | 2.9    | 1.3    | .7     | .0     |        |        |        | 1.0    | .3     | 2.6    | 3.9    | .4     | .4     |
| Conochilus unicornis         |        | .1     | .1     | .0     | 5.0    | 31.4   | .7     |        |        |        | .2     |        | .1     | .0     |        |        |        |
| Uidentificeret hjuldyr sp. 2 |        |        | .0     |        |        | .1     | .7     | .1     |        |        |        |        |        |        |        |        |        |
| Uidentificeret hjuldyr sp. 3 |        |        |        |        |        |        | .1     | .1     |        |        |        |        |        |        |        |        |        |
| Ubestemte hjuldyr spp.       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Cladocera                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Ceriodaphnia sp.             |        |        |        |        |        |        |        |        | .4     |        |        |        | 1.5    | 2.9    | 1.2    | 8.2    | 3.3    |
| Daphnia sp.                  |        |        |        |        |        |        |        |        |        |        |        |        | 161.6  | 207.1  | 477.8  | 342.1  | 136.8  |
| Daphnia cucullata            |        |        |        |        | 16.2   | 139.9  | 841.1  | 2085.7 | 738.3  | 111.8  | 197.2  | 7.5    | 60.6   | 5.3    | 59.4   | 4.5    | 61.1   |
| Daphnia galeata              |        |        |        |        | 41.0   | 52.0   | 4.6    | 13.6   | 13.6   | 5.9    | 54.5   | 9.8    | 283.1  | 128.1  | 6.1    | 32.2   | 102.2  |
| Daphnia hyalina              |        | 6.6    |        |        |        |        |        |        |        | 28.3   | 30.9   | .8     | .3     |        | 54.8   | 151.3  | 68.0   |
| Bosmina coregoni             |        |        |        |        | .9     | 5.3    | 45.5   | 19.3   | 4.5    |        | .3     | 1.4    | 28.8   | 32.6   | 35.9   | 11.8   | 3.2    |
| Bosmina longirostris         | 2.1    | .7     | 1.4    | 1.2    |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Chydorus sphaericus          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Leptodora kindtii            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Calanoida                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Eudiaptomus gracilis         |        |        |        |        |        |        |        | 2.2    |        | 30.9   | 105.8  | 45.6   | 82.1   | 49.8   | 22.9   | 38.4   | 64.8   |
| Eudiaptomus graciloides      | 63.8   | 198.8  | 19.1   | 12.0   | 11.2   | 36.2   | 51.1   | 43.8   | 31.5   | 30.9   | 62.3   | 29.6   | 27.4   | 30.6   | 27.8   | 14.2   | 17.2   |
| Calanoides copepoditter      | 14.6   | 8.3    | 4.3    | 8.3    | 32.1   | 64.4   | 54.2   | 50.5   | 88.4   | 29.1   |        |        |        |        |        |        |        |
| Cyclopoida                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

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| Zooplankton tørvægt<br>µg/l |       | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|-----------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                             |       | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
|                             |       | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  |
| Cyclops spp.                |       |        | 16.0   | 11.1   | 11.4   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Cyclops strenuus            |       |        |        | 25.7   | 10.4   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Mesocyclops leuckarti       |       | .6     |        |        |        | 1.2    |        |        | 3.0    | 1.4    |        | 5.9    | 11.2   | 1.9    |        |        |        |        |
| Thermocyclops oithonoides   |       |        |        | 3.4    |        |        |        |        | 68.8   | 50.2   | 55.2   | 14.4   | 22.7   | 1.7    |        |        |        |        |
| Cyclopoide copepoditter     | 132.8 | 527.1  | 97.4   | 457.0  | 211.1  | 147.9  | 20.0   |        |        |        | 183.7  | 68.7   | 153.2  | 221.0  | 197.9  | 164.4  |        | 1.0    |
| Nauplier                    |       |        |        |        |        |        |        |        | 17.0   | 9.1    | 22.1   |        |        |        |        |        |        |        |
| Copepod nauplier spp.       | 1.5   | 6.3    | 65.0   | 11.7   | 23.8   | 45.3   | 16.4   |        |        |        |        | 11.7   | 27.8   | 25.1   | 14.7   | 3.7    |        | 2.2    |

Bryrgrup Langsø 1996

| Zooplankton tørvægt<br>µg/l | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                             | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
|                             | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  | DWTOT  |
| GRAND TOTAL                 | 216.8  | 767.4  | 138.0  | 220.3  | 634.4  | 707.9  | 1280.6 | 2389.4 | 990.1  | 297.1  | 827.8  | 420.7  | 918.8  | 741.6  | 917.4  | 776.4  | 483.7  |
| Taxonomisk gruppe           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Rotatoria                   | 2.1    | 2.9    | 4.8    | 11.2   | 63.0   | 175.2  | 94.1   | 146.9  | 24.5   | 30.3   | 109.4  | 18.7   | 58.5   | 35.7   | 17.5   | 5.5    | 5.3    |
| Cladocera                   | 2.1    | 7.4    | 1.4    | 1.2    | 58.1   | 197.2  | 886.6  | 2109.6 | 756.9  | 146.0  | 282.9  | 226.1  | 535.9  | 375.9  | 635.1  | 550.0  | 374.6  |
| Calanoida                   | 78.4   | 207.0  | 23.4   | 20.3   | 43.4   | 100.6  | 105.3  | 96.4   | 119.9  | 60.1   | 168.1  | 75.2   | 109.5  | 80.4   | 50.6   | 52.7   | 82.0   |
| Cyclopoidea                 | 132.8  | 543.7  | 94.3   | 122.6  | 458.2  | 211.1  | 149.2  | 20.0   | 71.8   | 51.6   | 245.3  | 89.0   | 187.1  | 224.5  | 199.4  | 164.4  | 19.6   |
| Naupliar                    | 1.5    | 6.3    | 14.0   | 65.0   | 11.7   | 23.8   | 45.3   | 16.4   | 17.0   | 9.1    | 22.1   | 11.7   | 27.8   | 25.1   | 14.7   | 3.7    | 2.2    |



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| Zooplankton<br>individer/l | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|                            | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |  |
| Taxonomisk gruppe          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Rotatoria                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Brachionus angularis       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        |        | 12.9   | 6.8    | 2.2    |        |        |        | 9.7    | 62.0   | 51.3   | 19.4   |        |        |  |
| Brachionus calyciflorus    |        |        |        | +      |        | 10.0   |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Brachionus diversicornis   |        |        |        |        | +      |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Brachionus urceolaris      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Keratella cochlearis       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               | 17.0   | 24.0   | 76.2   | 289.6  | 1170.9 | 3315.0 | 3042.9 | 216.3  | 19.7   | 21.3   | 77.6   | 429.9  | 976.0  | 1398.0 | 596.3  | 309.1  | 275.4  |  |
| Keratella cochlearis tecta |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        | 1.9    | +      | 3.6    |        |        | +      | 9.0    | 77.6   | 190.3  | 676.0  | 150.7  |        |        |        |  |
| Keratella quadrata         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               | 16.3   | 61.6   | 74.3   | 81.2   | 274.6  | 397.9  | 91.7   | 2.2    |        |        |        |        |        |        |        |        |        |  |
| Kellikottia longispina     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               | 21.1   | 4.8    | 8.9    | 7.1    | 6.0    | 88.6   | 137.6  | 23.7   |        |        |        | 9.3    |        |        | 5.2    | 26.6   | 24.6   |  |
| Notholca sp.               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        | +      |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Euchlanis dilatata         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        |        |        |        |        | 17.4   | 9.0    | 20.9   | 40.3   | 4.7    | 3.3    |        |        |        |  |
| Euchlanis sp.              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        |        |        |        |        |        |        |        | 9.7    |        |        |        |        |        |  |
| Trichocerca sp.            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        |        | 20.0   |        |        |        |        |        |        |        |        |        |        |        |  |
| Trichocerca capucina       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        |        |        | 6.8    | 24.4   |        | 5.8    | 20.9   | 5.2    | 52.7   |        |        |        |        |  |
| Trichocerca porcellus      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        |        |        |        |        | 202.3  | 242.6  |        |        | 19.3   | 3.3    |        |        |        |  |
| Trichocerca pusilla        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        |        |        | 6.8    |        |        |        |        | 14.9   | 266.7  | 198.7  | 44.0   |        |        |  |
| Trichocerca similis        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        |        |        |        |        | 4.5    | 5.8    | 9.0    | 25.4   | 180.7  | 209.3  | 73.9   |        |        |  |
| Gastropus minor            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        |        |        |        |        | 4.5    |        |        | 5.2    |        |        |        |        |        |  |
| Ascomorpha saltans         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        | 3.0    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Polyarthra spp.            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               | 26.5   | 12.8   | 15.8   | 72.7   | 364.2  | 190.7  | 53.4   | 23.7   | 70.5   | 81.9   | 164.2  | 55.2   | 86.0   | 116.7  | 68.7   | 26.6   | 30.6   |  |
| Synchaeta spp.             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        | 2.4    |        | 83.8   | 332.8  | 164.3  | 24.8   | 5.9    | 67.4   | 194.2  | 250.7  | 1209.7 | 109.3  | 308.7  | 34.3   |        |        |  |
| Asplanchna sp.             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Enkelt celle               |        |        |        |        | 6.7    | 32.9   | 45.9   | 77.8   | 9.1    | 12.3   | 104.5  | 23.3   |        | 3.3    | 6.0    |        |        |  |
| Pompholyx complanata       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |

| Zooplankton<br>individer/l   | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                              | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| Enkelt celle                 |        |        |        |        |        |        |        |        | 2.3    | 33.5   | 23.9   | 79.9   | 1542.0 | 92.7   | 39.6   | 60.1   | 67.2   |
| Pompholyx sulcata            |        |        |        | +      |        | 3.6    | +      |        |        |        |        |        |        |        |        |        |        |
| Enkelt celle                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Filinia longiseta            |        | 1.6    | 5.0    | 6.5    | 85.8   | 36.4   | 6.8    |        |        |        | +      |        | 14.0   | 20.7   | 29.9   | 39.9   | 36.6   |
| Enkelt celle                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Conochilus unicornis         |        | 3.2    | 4.0    | 3.9    | 171.6  | 1373.6 | 31.6   | 2.2    | 19.7   | 36.1   | 137.3  | 170.1  | 9.3    | 109.3  | 162.7  | 20.3   | 18.7   |
| Enkelt celle                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Uidentificeret hjuldyr sp. 2 |        |        |        |        |        |        |        | +      |        |        |        |        |        |        |        |        |        |
| Enkelt celle                 |        |        |        |        |        |        |        | 30.4   |        |        |        |        |        |        |        |        |        |
| Uidentificeret hjuldyr sp. 3 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Enkelt celle                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Ubestemte hjuldyr spp.       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Enkelt celle                 |        |        | 3.0    |        | +      | 3.6    |        | 3.7    |        |        |        |        |        | 3.3    |        |        |        |
| Cladocera                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Ceriodaphnia sp.             |        |        |        |        |        |        |        |        |        |        |        |        |        | 1.2    |        |        |        |
| Enkelt celle                 |        |        |        |        |        |        |        |        |        |        |        |        |        | 1.8    |        |        |        |
| Daphnia sp.                  |        |        |        |        |        |        |        |        | 2.2    |        |        | .3     |        |        | .7     | 2.8    | 1.0    |
| Copepodit I-III              |        |        |        |        |        |        |        |        |        |        |        |        |        |        | .7     |        |        |
| Hanner                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Daphnia cucullata            |        |        |        |        | 1.2    |        |        |        |        |        |        |        |        |        |        |        |        |
| Hunner                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Daphnia galeata              |        |        |        |        | +      | 12.3   | 108.5  | 117.0  | 40.2   | 12.8   | 22.2   | 8.0    | 4.5    | .3     | 4.3    | .8     | 5.3    |
| Hunner                       |        |        |        |        |        |        | 1.2    | .7     |        |        |        |        |        |        |        |        |        |
| Hanner                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Daphnia hyalina              |        | .3     |        |        | 1.3    | 1.3    | +      | .5     | .8     |        |        |        |        |        | .5     | 2.8    | 7.3    |
| Hunner                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Hanner                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Bosmina coregoni             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Hunner                       |        |        |        |        |        |        |        |        |        | 3.0    | 36.7   | 57.0   | 174.7  | 66.3   | 32.2   | 66.2   | 31.7   |
| Bosmina longirostris         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Hunner                       |        |        |        |        | .7     | 5.5    | 36.3   | 39.0   | 8.3    | 23.8   | 33.3   | 1.5    | .5     | +      |        |        |        |
| Alona sp.                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Enkelt celle                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Chydorus sphaericus          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Enkelt celle                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Leptodora kindtii            |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Enkelt celle                 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Calanoida                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Eudiaptomus gracilis         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Hunner                       |        |        |        |        |        |        |        | .3     |        |        |        |        |        |        |        |        |        |
| Hanner                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Eudiaptomus graciloides      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Hunner                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Hanner                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Calanoida copepoditter       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                              | 4.7    | 13.7   | 1.5    | 1.2    | .8     | 2.2    | 2.8    | 2.8    | 2.7    | 2.8    | 10.0   | 4.2    | 6.0    | 2.8    | 2.3    | 3.0    | 3.3    |
|                              | 5.2    | 21.5   | 1.5    | .5     | .5     | 2.7    | 4.0    | 3.2    | 3.2    | 3.0    | 10.8   | 3.0    | 8.0    | 6.0    | 2.2    | 3.3    | 6.5    |

(fortsættes)



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| Zooplankton<br>SUM individer/l | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| GRAND TOTAL                    | 119.6  | 254.1  | 236.9  | 707.6  | 2543.0 | 5785.4 | 3754.6 | 646.3  | 585.4  | 747.3  | 1217.0 | 2575.5 | 4445.2 | 2966.7 | 1317.4 | 669.2  | 537.8  |
| Taxonomisk gruppe              | 81.0   | 110.4  | 190.1  | 546.8  | 2412.7 | 5652.9 | 3454.9 | 412.6  | 417.4  | 651.6  | 931.3  | 2425.4 | 4054.7 | 2679.3 | 1085.1 | 482.5  | 453.0  |
| Rotatoria                      | 1.8    | 1.0    | .7     | .8     | 3.2    | 19.2   | 146.0  | 157.2  | 51.5   | 39.7   | 92.7   | 71.7   | 241.5  | 150.2  | 125.3  | 117.2  | 59.7   |
| Cladocera                      | 13.2   | 37.8   | 4.0    | 4.3    | 17.0   | 24.5   | 28.2   | 38.0   | 49.2   | 22.2   | 50.0   | 22.3   | 28.8   | 23.5   | 11.8   | 14.7   | 15.8   |
| Calanoidea                     | 20.7   | 92.2   | 14.2   | 25.7   | 86.7   | 41.2   | 34.8   | 5.7    | 33.3   | 15.7   | 98.8   | 32.8   | 64.5   | 63.5   | 65.8   | 47.3   | 5.0    |
| Cyclopoidea                    | 3.0    | 12.7   | 28.0   | 130.0  | 23.5   | 47.7   | 90.7   | 32.8   | 34.0   | 18.2   | 44.2   | 23.3   | 55.7   | 50.2   | 29.3   | 7.5    | 4.3    |
| Nauplier                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

+: til stede



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| Zooplankton<br>Biomasse (C) -<br>procentvis sammensætning | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|   | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| Taxonomisk gruppe   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Rotatoria   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Brachionus angularis                                      |        |        |        |        |        | .1     | .0     | .0     |        |        |        | .1     | .2     | .2     | .1     |        |        |
| Brachionus calyciflorus                                   |        |        |        |        |        | .1     |        |        |        |        |        |        | .6     | .3     | .2     |        | .3     |
| Brachionus diversicornis                                  | .1     | .0     | .5     | 1.0    | 1.7    | 4.8    | 2.1    | .1     | .0     | .0     | .0     | .2     | .3     | .6     | .2     | .2     |        |
| Keratella cochlearis                                      |        |        |        | .0     |        | .0     |        |        |        |        |        | .0     | .1     | .0     | .0     |        |        |
| Keratella cochlearis tecta                                | .3     | .3     | 2.1    | 1.9    | 2.7    | 4.6    | .5     | .0     |        |        |        |        |        |        |        |        | .2     |
| Keratella quadrata  |        | .0     | .0     | .0     | .0     | .1     | .1     | .0     | .2     | .3     | .2     | 1.4    | .0     | .0     | .0     | .1     |        |
| Kellikottia longispina                                    | .1     | .0     | .0     | .0     | .0     | .1     | .1     | .0     |        |        |        | .0     | .1     | .0     |        |        |        |
| Euchlanis dilatata  |        |        |        |        |        |        |        |        |        |        |        | .0     |        |        |        |        |        |
| Euchlanis sp.   |        |        |        |        |        | .0     | .1     | .1     | .7     | .2     | .2     | .1     | .4     | .0     |        |        |        |
| Trichocerca sp.   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Trichocerca capucina                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Trichocerca porcellus                                     |        |        |        |        |        |        | .0     |        |        |        |        | .0     | .1     | .0     | .0     |        |        |
| Trichocerca pusilla                                       |        |        |        |        |        |        |        |        |        |        |        | .0     | .2     | .2     | .0     |        |        |
| Trichocerca similis                                       |        |        |        |        |        |        |        |        |        | .1     | .0     | .1     | .5     | .6     | .2     |        |        |
| Gastropus minor   |        |        |        |        |        |        |        |        |        | .0     |        | .0     |        |        |        |        |        |
| Ascomorpha saltans  | .5     | .1     | .0     | 1.3    | 1.8    | 1.1    | .2     | .0     | .3     | 1.0    | .6     | .3     | .7     | .3     | .2     | .1     | .1     |
| Polyarthra spp.   |        | .0     | .6     | .7     | .5     | .3     | .0     | .0     | .0     | 1.2    | .1     | .7     | .2     | 1.8    | .1     |        |        |
| Synchaeta spp.  |        |        |        |        | 1.9    | 8.9    | 4.4    | 5.9    | 1.1    | 4.6    | 11.6   | 1.4    | 1.4    | .3     | .4     | .1     | .2     |
| Asplanchna sp.  |        |        |        |        |        |        |        |        |        | .1     | .0     | .2     | 1.6    | .1     | .0     |        |        |
| Pompholyx complanata                                      |        |        |        |        |        | .0     |        |        |        |        |        |        |        |        |        |        |        |
| Pompholyx sulcata   |        |        |        |        |        | .0     | .0     |        |        |        |        |        |        |        |        |        |        |
| Filinia longiseta   |        | .0     | .0     | .1     | .5     | .2     | .0     |        | .1     | .5     | .4     | 1.0    | .0     | .1     | .1     | .2     | .2     |
| Conochilus unicornis                                      |        | .0     | .1     | .0     | .8     | 4.4    | .1     | .0     |        |        | .0     | .2     | .0     | .3     | .4     | .1     | .1     |
| Uidentificeret hjuldyr sp. 2                              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Uidentificeret hjuldyr sp. 3                              |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Ubestemte hjuldyr spp.                                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Cladocera   |        |        |        |        |        | .0     |        | .0     |        |        |        |        |        | .0     | .0     |        |        |
| Ceriodaphnia sp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Daphnia sp.   |        |        |        |        | 2.6    | 19.8   | 65.7   | 87.3   | 74.6   | .0     |        | .0     | .0     | .0     | .1     | 1.1    | .7     |
| Daphnia cucullata   |        |        |        |        |        |        |        |        |        |        |        | 1.8    | 17.6   | 28.0   | 52.1   | 44.1   | 28.3   |
| Daphnia galeata   |        |        |        |        | 6.5    | 7.4    |        | .2     | 1.4    | 37.6   | 23.8   | 22.8   | 6.6    | .7     | 6.5    | .6     | 12.6   |
| Daphnia hyalina   | .9     |        |        |        |        |        |        |        |        | 2.0    | 6.6    | 2.3    | 30.9   | 17.3   | .7     | 4.1    | 21.1   |
| Bosmina coregoni  |        |        |        |        |        |        |        | .8     | .5     | 9.5    | 3.7    | 26.3   | 3.1    | 4.4    | 6.0    | 19.5   | 14.1   |
| Bosmina longirostris                                      | 1.0    | .1     | 1.0    | .5     | .1     | .7     | 3.6    | .8     | .5     | 2.0    | .0     | .0     | 3.1    | 4.4    | 3.9    | 1.5    | .7     |
| Chydorus sphaericus                                       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Leptodora kindtii   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Calanoida   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Eudiaptomus gracilis                                      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Eudiaptomus graciloides                                   | 29.4   | 25.9   | 13.9   | 5.5    | 1.8    | 5.1    | 4.0    | .1     | 3.2    | 10.4   | 12.8   | 10.8   | 9.0    | 6.7    | 2.5    | 4.9    | 13.4   |
| Calanoida copepoditter                                    | 6.7    | 1.1    | 3.1    | 3.8    | 5.1    | 9.1    | 4.2    | 2.1    | 8.9    | 9.8    | 7.5    | 7.0    | 3.0    | 4.1    | 3.0    | 1.8    | 3.6    |
| Cyclopoida  |        |        |        |        |        |        |        |        |        |        | .8     |        |        |        |        |        |        |
| Cyclops spp.  |        | 2.1    | 8.1    | 5.2    | .2     |        |        |        |        |        |        |        |        |        |        |        |        |
| Cyclops strenuus  |        |        | 18.6   | 4.7    |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Mesocyclops leuckarti                                     | .1     |        |        |        |        |        |        |        |        |        |        | 1.4    | 1.2    | .3     | .1     |        |        |



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| Zooplankton<br>Biomasse (C) -<br>procentvis sammensætning | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|   | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| GRAND TOTAL   | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  |
| Taxonomisk gruppe   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Rotatoria   | .9     | .4     | 3.5    | 5.1    | 9.9    | 24.7   | 7.3    | 6.1    | 2.5    | 10.2   | 13.2   | 4.5    | 6.4    | 4.8    | 1.9    | .7     | 1.1    |
| Cladocera   | 1.0    | 1.0    | 1.0    | .5     | 9.2    | 27.9   | 69.2   | 88.3   | 76.4   | 49.2   | 34.2   | 53.7   | 58.3   | 50.5   | 69.2   | 70.8   | 77.4   |
| Calanoida   | 36.2   | 27.0   | 17.0   | 9.2    | 6.8    | 14.2   | 8.2    | 4.0    | 12.1   | 20.2   | 20.3   | 17.9   | 11.9   | 10.9   | 5.5    | 6.8    | 16.9   |
| Cyclopoidea   | 61.2   | 70.9   | 68.3   | 55.7   | 72.2   | 29.8   | 11.6   | .8     | 7.3    | 17.4   | 29.6   | 21.2   | 20.4   | 30.4   | 21.7   | 21.2   | 4.1    |
| Naupliar  | .7     | .8     | 10.1   | 29.5   | 1.9    | 3.4    | 3.5    | .7     | 1.7    | 3.1    | 2.7    | 2.8    | 3.0    | 3.4    | 1.6    | .5     | .4     |

| Zooplankton<br>Volumenbiomasse<br>procentvis sammensætning | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |      |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
|  | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |      |
| Taxonomisk gruppe  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |      |
| Rotatoria  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |      |
| <i>Brachionus angularis</i>                                |        |        |        |        |        | .1     | .0     | .0     |        |        |        | .1     | .2     | .2     | .1     |        |        |      |
| <i>Brachionus calyciflorus</i>                             |        |        |        |        |        | .1     |        |        |        |        |        |        | .6     | .3     | .2     |        |        |      |
| <i>Brachionus diversicornis</i>                            |        |        | .5     | 1.0    | 1.7    | 4.8    | 2.1    | .1     | .0     | .0     | .0     | .2     | .3     | .6     | .2     | .2     | .3     | .3   |
| <i>Keratella cochlearis</i>                                | .3     | .3     | 2.1    | .0     | 2.7    | .0     | .5     | .0     |        |        |        | .0     | .1     | .0     | .0     | .1     | .2     | .2   |
| <i>Keratella quadrata</i>                                  | .1     | .0     | .0     | 1.9    | .0     | 4.6    | .1     | .0     | .2     | .3     | .2     | 1.4    | .0     | .0     | .0     | .1     | .2     | .2   |
| <i>Kellikottia longispina</i>                              |        |        |        | .0     |        | .1     |        |        |        |        |        |        | .1     | .0     |        |        |        |      |
| <i>Euchlanis dilatata</i>                                  |        |        |        |        |        |        |        |        |        |        |        | .0     |        |        |        |        |        |      |
| <i>Euchlanis sp.</i>                                       |        |        |        |        |        | .0     | .1     | .1     | .7     | .2     | .2     | .1     | .4     | .0     |        |        |        |      |
| <i>Trichocerca sp.</i>                                     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |      |
| <i>Trichocerca capucina</i>                                |        |        |        |        |        |        | .0     |        |        | .2     | .2     | .1     | .4     | .0     |        |        |        |      |
| <i>Trichocerca porcellus</i>                               |        |        |        |        |        |        | .0     |        |        | 2.2    | .0     | .0     | .1     | .0     |        |        |        |      |
| <i>Trichocerca pusilla</i>                                 |        |        |        |        |        |        |        |        |        | .1     | .0     | .0     | .2     | .2     | .0     |        |        |      |
| <i>Trichocerca similis</i>                                 |        |        |        |        |        |        |        |        |        | .0     | .0     | .1     | .5     | .6     | .2     |        |        |      |
| <i>Gastropus minor</i>                                     |        |        |        |        |        |        |        |        |        | .0     | .0     | .0     | .0     | .0     |        |        |        |      |
| <i>Ascomorpha saltans</i>                                  | .5     | .1     | .6     | 1.3    | 1.8    | 1.1    | .2     | .0     | .3     | 1.0    | .6     | .3     | .7     | .3     | .2     | .1     | .1     | .1   |
| <i>Polyarthra spp.</i>                                     |        |        |        | .7     | .5     | .3     | .0     | .0     | .0     | 1.2    | .1     | .7     | .2     | 1.8    | .1     |        |        |      |
| <i>Synchaeta spp.</i>                                      |        |        |        |        | 1.9    | 8.9    | 4.4    | 5.9    | 1.1    | 4.6    | 11.6   | 1.4    | .3     | .3     | .4     |        |        |      |
| <i>Asplanchna sp.</i>                                      |        |        |        |        |        |        |        |        | .0     | .1     | .0     | .2     | 1.6    | .1     | .0     | .1     | .2     | .2   |
| <i>Pompholyx complanata</i>                                |        |        |        |        |        | .0     |        |        |        |        |        |        |        |        |        |        |        |      |
| <i>Pompholyx sulcata</i>                                   |        |        |        |        | .5     | .2     | .0     | .0     | .1     | .5     | .4     | 1.0    | .0     | .1     | .1     | .2     | .2     | .2   |
| <i>Filinia longiseta</i>                                   |        |        |        |        | .8     | 4.4    | .1     | .0     | .1     |        | .0     | .2     | .0     | .3     | .4     | .1     | .1     | .1   |
| <i>Conochilus unicornis</i>                                |        |        |        |        |        |        |        |        |        |        | .0     |        |        | .0     |        |        |        |      |
| <i>Uidentificeret hjuldyr sp. 2</i>                        |        |        |        |        |        |        |        |        |        |        | .0     |        |        |        |        |        |        |      |
| <i>Uidentificeret hjuldyr sp. 3</i>                        |        |        |        |        |        |        |        |        |        |        | .0     |        |        |        |        |        |        |      |
| <i>Ubestemte hjuldyr spp.</i>                              |        |        |        |        |        | .0     | .0     | .0     |        |        |        |        |        |        |        |        |        |      |
| Cladocera  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |      |
| <i>Ceriodaphnia sp.</i>                                    |        |        |        |        |        |        |        |        | .0     |        |        |        | .2     | .4     | .1     | 1.1    | .7     | .7   |
| <i>Daphnia sp.</i>   |        |        |        |        | 2.6    | 19.8   | 65.7   | 87.3   | 74.6   | 37.6   | 23.8   | 1.8    | 17.6   | 27.9   | 52.1   | 44.1   | 28.3   | 28.3 |
| <i>Daphnia cucullata</i>                                   |        |        |        |        |        | 7.4    |        | .2     | 1.4    |        |        | 22.8   | 6.6    | .7     | 6.5    | .6     | 12.6   | 12.6 |
| <i>Daphnia galeata</i>                                     |        | .9     |        |        | 6.5    |        |        |        |        |        |        | 2.3    |        |        | .7     | 4.1    | 21.1   | 21.1 |
| <i>Daphnia hyalina</i>                                     |        |        |        |        |        |        |        |        |        | 2.0    | 6.6    | 26.3   | 30.8   | 17.3   | 6.0    | 19.5   | 14.1   | 14.1 |
| <i>Bosmina coregoni</i>                                    |        |        |        |        | .1     | .7     | 3.6    | .8     | .5     | 9.5    | 3.7    | .2     | .0     | 4.4    | 3.9    | 1.5    | .7     | .7   |
| <i>Bosmina longirostris</i>                                | 1.0    | .1     | 1.1    | .5     |        |        |        |        |        |        | .0     | .3     | 3.1    |        |        |        |        |      |
| <i>Chydorus sphaericus</i>                                 |        |        |        |        |        |        |        |        |        |        |        | .1     |        |        |        |        |        |      |
| <i>Leptodora kindtii</i>                                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |      |
| <i>Calanoida</i>   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |      |
| <i>Eudiaptomus gracilis</i>                                |        |        |        |        |        |        |        | .1     |        |        |        |        |        |        |        |        |        |      |
| <i>Eudiaptomus graciloides</i>                             | 29.4   | 25.9   | 14.0   | 5.5    | 1.8    | 5.1    | 4.0    | 1.8    | 3.2    | 10.4   | 12.8   | 10.8   | 8.9    | 6.7    | 2.5    | 4.9    | 13.4   | 13.4 |
| <i>Calanoide copepoditter</i>                              | 6.7    | 1.1    | 3.2    | 3.8    | 5.1    | 9.1    | 4.2    | 2.1    | 8.9    | 9.8    | 7.5    | 7.0    | 3.0    | 4.1    | 3.0    | 1.8    | 3.6    | 3.6  |
| <i>Cyclopoidea</i>   |        |        |        |        |        |        |        |        |        |        | .8     |        |        |        |        |        |        |      |
| <i>Cyclops spp.</i>  |        | 2.1    | 8.1    | 5.2    |        |        |        |        |        |        |        | 1.4    | 1.2    | .3     | .1     |        |        |      |
| <i>Cyclops strenuus</i>                                    |        |        | 18.0   | 4.5    | .2     |        |        |        |        |        |        |        |        |        |        |        |        |      |
| <i>Mesocyclops leuckarti</i>                               |        | .1     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |      |



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| Zooplankton<br>Volumenbionasse<br>procentvis sammensætning | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|  | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| Thermocyclops oithonoides                                  |        |        |        | 1.6    | 72.0   | 29.8   | .1     | .8     | .3     | .5     | 6.7    | 3.4    | 2.5    | .2     | .1     |        | .2     |
| Cyclopoide copepoditter                                    | 61.2   | 68.7   | 42.0   | 44.3   |        |        | 11.6   |        | 6.9    | 16.9   | 22.2   | 16.3   | 16.7   | 29.8   | 21.6   | 21.2   | 3.9    |
| Nauplier   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Copepod nauplier spp.                                      | .7     | .8     | 10.2   | 29.6   | 1.9    | 3.4    | 3.5    | .7     | 1.7    | 3.1    | 2.7    | 2.8    | 3.0    | 3.4    | 1.6    | .5     | .4     |

| Zooplankton<br>Volumenbiomasse<br>procentvis sammensætning | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|  | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| GRAND TOTAL  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  | 100.0  |
| Taxonomisk gruppe  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Rotatoria  | .9     | .4     | 3.5    | 5.1    | 9.9    | 24.7   | 7.3    | 6.1    | 2.5    | 10.2   | 13.2   | 4.4    | 6.4    | 4.8    | 1.9    | .7     | 1.1    |
| Cladocera  | 1.0    | 1.0    | 1.1    | .5     | 9.2    | 27.9   | 69.2   | 88.3   | 76.4   | 49.2   | 34.2   | 53.7   | 58.3   | 50.7   | 69.2   | 70.8   | 77.4   |
| Calanoida  | 36.2   | 27.0   | 17.1   | 9.3    | 6.8    | 14.2   | 8.2    | 4.0    | 12.1   | 20.2   | 20.3   | 17.9   | 11.9   | 10.8   | 5.5    | 6.8    | 16.9   |
| Cyclopoidea  | 61.2   | 70.9   | 68.1   | 55.6   | 72.2   | 29.8   | 11.6   | -.8    | 7.3    | 17.4   | 29.6   | 21.2   | 20.4   | 30.3   | 21.7   | 21.2   | 4.1    |
| Naupliar   | .7     | .8     | 10.2   | 29.6   | 1.9    | 3.4    | 3.5    | .7     | 1.7    | 3.1    | 2.7    | 2.8    | 3.0    | 3.4    | 1.6    | .5     | -.4    |

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| Arternes specifikke volumener<br>i 10+3 µm <sup>3</sup> /individ<br>= 10-3 µg vådvægt/individ | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|   | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| Taxonomisk gruppe   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Rotatoria   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Brachionus angularis  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Brachionus calyciflorus   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Brachionus diversicornis  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Keratella cochlearis  | 71.0   | 69.3   | 76.4   | 63.6   | 75.7   | 82.1   | 69.6   | 62.2   | 42.6   | 33.5   | 41.7   | 19.5   | 3055.7 | 3055.7 | 3055.7 | 41.3   |        |
| Keratella cochlearis tecta  |        |        |        |        |        | 14.6   |        |        |        | 12.3   | 9.9    | 8.4    | 9.2    | 23.6   | 23.6   |        |        |
| Keratella quadrata  | 273.7  | 278.4  | 313.2  | 407.3  | 498.6  | 660.2  | 513.8  | 483.3  |        |        |        |        |        |        |        |        |        |
| Kellikottia longispina  | 58.6   | 39.9   | 58.6   | 30.0   | 58.8   | 69.1   | 54.9   | 75.6   | 800.0  | 863.1  | 666.3  | 1167.2 | 800.0  | 800.0  | 292.8  | 292.8  |        |
| Euchlanis dilatata  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Euchlanis sp.   |        |        |        |        |        | 136.5  |        |        |        |        |        |        |        |        |        |        |        |
| Trichocerca sp.   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Trichocerca capucina  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Trichocerca porcellus   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Trichocerca pusilla   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Trichocerca similis   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Gastropus minor   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Ascomorpha saltans  | 359.0  | 249.7  | 159.7  | 321.5  | 254.2  | 336.3  | 294.9  | 402.7  | 372.6  | 287.4  | 257.4  | 187.2  | 601.6  | 128.4  | 173.3  | 173.3  |        |
| Polyarthra spp.   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Synchaeta spp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Asplanchna sp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Pompholyx complanata  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Pompholyx sulcata   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Filinia longiseta   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Conochilus unicornis  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Uidentificeret hjuldyr sp. 2  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Uidentificeret hjuldyr sp. 3  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Ubestemte hjuldyr spp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Cladocera   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Ceriodaphnia sp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Daphnia sp.   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Daphnia cucullata   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Daphnia galeata   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Daphnia hyalina   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Bosmina coregoni  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Bosmina longirostris  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Chydorus sphaericus   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Leptodora kindtii   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Calanoida   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Eudiaptomus gracilis  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Eudiaptomus graciloides   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Calanoid copepoditter   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Cyclopoida  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Cyclops spp.  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Cyclops strenuus  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

Brygrupp Langsø 1996 - Zooplankton

| Arternes specifikke volumener<br>i 10+3 µm <sup>3</sup> /indiv<br>= 10-3 µg vådvægt/indiv | DATO   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|   | 960222 | 960314 | 960411 | 960423 | 960509 | 960523 | 960606 | 960618 | 960703 | 960718 | 960801 | 960813 | 960828 | 960910 | 960925 | 961023 | 961120 |
| Mesocyclops leuckarti   |        | 14876  |        | 11011  | 29405  |        | 11969  |        | 13569  | 10915  | 31351  | 24479  | 17993  | 12622  |        |        |        |
| Thermocyclops oithonoides   | 51393  | 47024  | 49278  | 38007  | 42344  | 41030  | 34807  | 28297  | 17470  | 27375  | 11732  | 11761  | 11491  | 11491  | 27790  | 27790  | 11491  |
| Cyclopoide copepoditter   |        |        |        |        |        |        |        |        |        |        | 25551  | 27043  | 28747  | 24419  |        |        | 34479  |
| Nauplier  |        |        |        |        |        |        |        |        |        |        | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 |
| Copepod nauplier spp.   | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 | 4000.0 |



Bryrup Langsø 1996  
Tidsvægtede gennemsnit - Zooplankton, tørvægt

| µg/l                | Hele perioden |         |          | 1/5 - 31/9 |         |          | 1/3 - 31/5 |         |         |
|---------------------|---------------|---------|----------|------------|---------|----------|------------|---------|---------|
|                     | Gennemsnit    | Procent | Maximum  | Gennemsnit | Procent | Maximum  | Gennemsnit | Procent | Maximum |
| GRAND TOTAL         | 743.384       | 100.0%  | 620.111  | 904.555    | 100.0%  | 591.287  | 511.823    | 100.0%  | 326.273 |
| TAXONOMISKE GRUPPER |               |         |          |            |         |          |            |         |         |
| Rotatoria           | 41.752        | 5.6%    | 175.211  | 68.558     | 7.6%    | 175.211  | 41.989     | 8.2%    | 175.211 |
| Cladocera           | 407.967       | 54.9%   | 2109.591 | 554.111    | 61.3%   | 2109.591 | 70.613     | 13.8%   | 640.401 |
| Calanoida           | 86.824        | 11.7%   | 207.026  | 90.510     | 10.0%   | 168.112  | 88.328     | 17.3%   | 207.026 |
| Cyclopoidea         | 189.546       | 25.5%   | 543.726  | 170.494    | 18.8%   | 458.187  | 289.583    | 56.6%   | 543.726 |
| Naupliier           | 17.295        | 2.3%    | 65.000   | 20.882     | 2.3%    | 45.333   | 21.310     | 4.2%    | 65.000  |

Bryrup Langsø 1996  
Tidsvægtede gennemsnit - Zooplankton, cellevolumen

| mm <sup>3</sup> /l  | Hele perioden |         |         | 1/5 - 31/9 |         |         | 1/3 - 31/5 |         |         |
|---------------------|---------------|---------|---------|------------|---------|---------|------------|---------|---------|
|                     | Gennemsnit    | Procent | Maximum | Gennemsnit | Procent | Maximum | Gennemsnit | Procent | Maximum |
| GRAND TOTAL         | 5.947         | 100.0%  | 4.961   | 7.236      | 100.0%  | 4.730   | 4.092      | 100.0%  | 2.610   |
| TAXONOMISKE GRUPPER |               |         |         |            |         |         |            |         |         |
| Rotatoria           | .334          | 5.6%    | 1.402   | .548       | 7.6%    | 1.402   | .336       | 8.2%    | 1.402   |
| Cladocera           | 3.264         | 54.9%   | 16.877  | 4.433      | 61.3%   | 16.877  | .565       | 13.8%   | 5.123   |
| Calanoida           | .695          | 11.7%   | 1.656   | .724       | 10.0%   | 1.345   | .707       | 17.3%   | 1.656   |
| Cyclopoidea         | 1.516         | 25.5%   | 4.350   | 1.364      | 18.9%   | 3.665   | 2.314      | 56.5%   | 4.350   |
| Naupliier           | .138          | 2.3%    | .520    | .167       | 2.3%    | .363    | .170       | 4.2%    | .520    |

Bryrup Langsø 1996  
Tidsvægtede gennemsnit - Zooplankton, celleantal

| celler/ml           | Hele perioden |         |         | 1/5 - 31/9 |         |         | 1/3 - 31/5 |         |         |
|---------------------|---------------|---------|---------|------------|---------|---------|------------|---------|---------|
|                     | Gennemsnit    | Procent | Maximum | Gennemsnit | Procent | Maximum | Gennemsnit | Procent | Maximum |
| GRAND TOTAL         | 1.570         | 100.0%  | 1.235   | 2.374      | 100.0%  | 1.227   | 1.594      | 100.0%  | 1.203   |
| TAXONOMISKE GRUPPER |               |         |         |            |         |         |            |         |         |
| Rotatoria           | 1.392         | 88.7%   | 5.653   | 2.158      | 90.9%   | 5.653   | 1.471      | 92.3%   | 5.653   |
| Cladocera           | .074          | 4.7%    | .242    | .098       | 4.1%    | .242    | .009       | .6%     | .101    |
| Calanoida           | .023          | 1.5%    | .050    | .028       | 1.2%    | .050    | .019       | 1.2%    | .038    |
| Cyclopoidea         | .046          | 2.9%    | .099    | .048       | 2.0%    | .099    | .052       | 3.3%    | .092    |
| Nauplier            | .035          | 2.2%    | .130    | .042       | 1.8%    | .091    | .043       | 2.7%    | .130    |

Bryrup Langsø 1996  
Tidsvægtede gennemsnit - Zooplankton, kulstof

| µg/l                | Hele perioden |         |         | 1/5 - 31/9 |         |         | 1/3 - 31/5 |         |         |
|---------------------|---------------|---------|---------|------------|---------|---------|------------|---------|---------|
|                     | Gennemsnit    | Procent | Maximum | Gennemsnit | Procent | Maximum | Gennemsnit | Procent | Maximum |
| GRAND TOTAL         | 274.237       | 100.0%  | 228.821 | 333.650    | 100.0%  | 218.185 | 188.869    | 100.0%  | 120.395 |
| TAXONOMISKE GRUPPER |               |         |         |            |         |         |            |         |         |
| Rotatoria           | 15.407        | 5.6%    | 64.653  | 25.299     | 7.6%    | 64.653  | 15.494     | 8.2%    | 64.653  |
| Cladocera           | 150.465       | 54.9%   | 778.439 | 204.335    | 61.2%   | 778.439 | 26.056     | 13.8%   | 236.308 |
| Calanoida           | 32.038        | 11.7%   | 76.392  | 33.398     | 10.0%   | 62.033  | 32.593     | 17.3%   | 76.392  |
| Cyclopoidea         | 69.945        | 25.5%   | 200.635 | 62.913     | 18.9%   | 169.071 | 106.863    | 56.6%   | 200.635 |
| Nauplier            | 6.382         | 2.3%    | 23.985  | 7.705      | 2.3%    | 16.728  | 7.863      | 4.2%    | 23.985  |







