

RIISTA- JA KALATALOUDEN TUTKIMUSLAITOS
KALANTUTKIMUSOSASTO

KAUKAAN TUTKIMUS IV.
SULFIITTISELLULOOSATEOLLISUUDEN
JÄTEVESIEN VAIKUTUKSISTA VASTAAN-
OTTAVAN VESISTÖN PLANKTONKOOSTUMUKSEEN.

L i i t t e e t 1 - 4.

Helsingissä 1963

E. Tirronen

Analyysitaulukot

Asema 1. 14.6.1961 Sää: 19.6°C, pilvisyys 5-8, etelätuuli 5 m/s.

| Syv. m | t °C | O ₂ mg/l | CO ₂ % mg/l | pH | κ ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|------------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 0 | 22.1 | 9.9 | 115 | | | | | |
| 1 | 22.0 | 9.9 | 115 | 6.9 | 40 | 35 | 61 | |
| 2 | 21.0 | | | | | | | |
| 4 | 20.0 | | | | | | | |
| 5 | 18.7 | | | | | | | |
| 6 | 15.1 | 8.6 | 88 | 7.0 | 40 | 35 | 54 | |
| 7 | 13.0 | | | | | | | |
| 8 | 12.5 | | | | | | | |
| 9 | 10.7 | | | | | | | |
| 11 | 10.3 | | | | | | | |
| 12 | 9.9 | 10.0 | 91 | 6.5 | 35 | 35 | 46 | |

Asema 1. 4.7.1961. Sää: 14.1°C, pilvisyys 8, länsituuli 3 m/s.

| | | | | | | | | | |
|-----|------|-----|-----|-----|-----|----|----|----|------|
| 1 | 16.8 | 9.3 | 99 | 2.0 | 6.7 | 35 | 51 | 51 | 0.11 |
| 4 | 16.7 | 9.3 | 98 | 2.4 | 6.8 | 34 | 35 | 47 | 0.12 |
| 6 | 16.6 | 9.7 | 102 | 3.0 | 6.8 | 36 | 35 | 46 | 0.12 |
| 7 | 16.5 | | | | | | | | |
| 8 | 16.1 | | | | | | | | |
| 8.5 | 16.1 | 9.4 | 98 | 3.0 | 6.9 | 34 | 35 | 45 | 0.11 |

Asema 1. 15.8.1961. Sää: 13.6°C, pilvisyys 7, koillistuuli
3 m/s.

| | | | | | | | | | |
|----|------|-----|-----|-----|-----|----|----|----|--|
| 1 | 18.7 | 9.4 | 103 | 4.0 | 7.1 | 39 | 30 | 39 | |
| 4 | 18.4 | | | | | | | | |
| 6 | 18.2 | 9.4 | 102 | 4.2 | 7.0 | 38 | 30 | 36 | |
| 10 | 17.8 | | | 4.4 | | | | | |
| 12 | 16.7 | 9.0 | 95 | 4.8 | 7.1 | 36 | 30 | 35 | |

Asema 1. 4.7.1962. Sää: 16.2°C, pilvisyys 7, itätuuli 5 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | κ ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|-----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 16.5 | 9.5 | 100 | | 7.1 | 39 | 25 | 29 | |
| 6 | 16.0 | 9.6 | 100 | | 7.0 | 37 | 25 | 31 | |
| 12 | 15.0 | 9.3 | 95 | | 7.0 | 38 | 25 | 29 | |

Asema 2. 14.6.1961. Sää: 19.6°C, pilvisyys 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|---|------|-----|-----|--|-----|----|----|----|--|
| 1 | 21.0 | 9.1 | 104 | | 7.0 | 40 | 35 | 54 | |
| 2 | 21.0 | | | | | | | | |
| 3 | 20.9 | | | | | | | | |
| 4 | 20.6 | 7.0 | 80 | | 7.0 | 40 | 35 | 63 | |
| 5 | 17.9 | | | | | | | | |
| 6 | 15.2 | | | | | | | | |
| 7 | 13.7 | 4.4 | 44 | | 6.7 | 40 | 35 | 52 | |

Asema 2. 4.7.1961. Sää: 14.1°C, pilvisyys 8, länsituuli 3 m/s.

| | | | | | | | | | |
|-----|------|-----|----|--|-----|----|----|----|--|
| 1 | 16.7 | 8.9 | 94 | | 6.7 | 43 | 35 | 47 | |
| 4 | 16.3 | 9.2 | 97 | | 6.5 | 48 | 35 | 54 | |
| 7.3 | 15.4 | 9.1 | 94 | | 6.4 | 41 | 35 | 40 | |

Asema 2. 15.8.1961. Sää: 13.6°C, pilvisyys 7, koillistuuli
3 m/s.

| | | | | | | | | | |
|---|------|-----|-----|--|-----|----|----|----|--|
| 1 | 18.3 | 9.2 | 100 | | 6.9 | 40 | 30 | 40 | |
| 3 | 18.3 | 9.3 | 101 | | 7.0 | 39 | 25 | 35 | |
| 7 | 17.6 | 9.2 | 99 | | 7.1 | 38 | 30 | 35 | |

Asema 2. 4.7.1962. Sää: 14.7°C, pilvisyys 6, etelätuuli
3 m/s.

| | | | | | | | | | |
|---|------|-----|----|-----|-----|----|----|----|------|
| 1 | 16.3 | 9.3 | 97 | 2.6 | 7.1 | 39 | 25 | 31 | 0.08 |
| 4 | 16.1 | 9.5 | 99 | 2.6 | 7.1 | 38 | 25 | 31 | 0.08 |
| 7 | 16.1 | 9.4 | 97 | 3.2 | 7.1 | 35 | 25 | 31 | 0.10 |

Asema 3. 14.6.1961. Sää: 19.6°C, pilvisyys 5-8, etelä-
tuuli 5 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | κ ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|-----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 21.0 | 8.7 | 100 | | 6.9 | 38 | | 54 | |
| 5 | 16.3 | 7.9 | 83 | | 6.9 | 39 | | 49 | |
| 8 | 11.6 | 9.5 | 91 | | 6.8 | 35 | | 48 | |
| 15.5 | 9.8 | 9.6 | 83 | | 6.7 | 38 | | 48 | |

Asema 3. 4.7.1961. Sää: 14.1°C, pilvisyys 8, länsituuli
3 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|----|----|----|--|
| 1 | 16.4 | 9.2 | 97 | | 6.9 | 46 | 40 | 52 | |
| 4 | 16.3 | 9.1 | 96 | | 6.8 | 42 | 35 | 43 | |
| 8 | 16.0 | 9.4 | 98 | | 6.7 | 41 | 35 | 47 | |
| 12 | 13.1 | 8.1 | 80 | | 6.7 | 41 | 35 | 49 | |
| 16 | 12.2 | 7.1 | 68 | | 6.5 | 43 | 35 | 49 | |

Asema 3. 15.8.1961. Sää: 13.6°C, pilvisyys 7, koillistuuli
3 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|----|----|----|--|
| 1 | 18.3 | 9.1 | 99 | | 7.1 | 38 | 25 | 36 | |
| 5 | | | | | 7.1 | 38 | 30 | 37 | |
| 10 | 17.6 | 9.0 | 97 | | 6.8 | 39 | 30 | 39 | |
| 16 | 14.0 | 3.1 | 31 | | 6.5 | 41 | 35 | 39 | |

Asema 3. 4.7.1962. Sää: 16.2°C, pilvisyys 7, itätuuli 5 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|----|----|----|--|
| 1 | 16.1 | 9.4 | 98 | | 7.1 | 37 | 25 | 34 | |
| 8 | 15.5 | 9.3 | 96 | | 7.1 | 38 | 25 | 31 | |
| 16 | 13.8 | 8.8 | 87 | | 6.8 | 39 | 25 | 31 | |

Asema 4. 14.6.1961. Sää: 19.6°C, pilvisuus 5-8, etelätuuli 5 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | n ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|-----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 21.9 | 9.5 | 111 | | 7.0 | 38 | 35 | 53 | |
| 2 | 21.9 | | | | | | | | |
| 3 | 21.8 | | | | | | | | |
| 4 | 21.3 | | | | | | | | |
| 5 | 14.8 | | | | | | | | |
| 6 | 14.3 | 8.8 | 88 | | 7.0 | 41 | 35 | 69 | |
| 7 | 13.2 | | | | | | | | |
| 8 | 12.3 | | | | | | | | |
| 9 | 11.4 | | | | | | | | |
| 11 | 10.5 | 10.0 | 93 | | 6.5 | 37 | 35 | 48 | |

Asema 4. 4.7.1961. Sää: 14.1°C, pilvisuus 8, länsituuli 3 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|----|----|----|--|
| 1 | 17.9 | 9.0 | 97 | | 6.9 | 43 | 35 | 44 | |
| 4 | 17.5 | 9.1 | 92 | | 6.8 | 43 | 35 | 48 | |
| 8 | 16.2 | 9.5 | 99 | | 6.8 | 42 | 35 | 48 | |
| 10 | 15.8 | 8.9 | 92 | | 6.7 | 43 | 35 | 47 | |

Asema 4.15.8.1961. Sää: 13.6°C, pilvisuus 7, koillistuuli
3 m/s.

| | | | | | | | | | |
|----|------|-----|-----|--|-----|----|----|----|--|
| 1 | 19.0 | 9.4 | 104 | | 7.2 | 38 | 30 | 37 | |
| 5 | 18.6 | 9.3 | 101 | | 7.1 | 38 | 30 | 37 | |
| 10 | 17.5 | 7.4 | 79 | | 6.8 | 39 | 30 | 40 | |

Asema 4. 5.7.1962. Sää: 14.7°C, pilvisuus 6, etelätuuli 3 m/s.

| | | | | | | | | | |
|----|------|-----|----|-----|-----|----|----|----|------|
| 1 | 16.5 | 9.2 | 92 | 2.0 | 7.1 | 39 | 25 | 30 | 0.10 |
| 4 | 16.2 | 9.2 | 92 | 2.0 | 7.1 | 39 | 25 | 30 | 0.08 |
| 10 | 15.3 | 9.1 | 91 | 3.0 | 7.1 | 38 | 25 | 29 | 0.13 |

Asema 5. 14.6.1961. Sää: 19.6°C, pilvisyys 5-8, etelätuuli 5 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | κ ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 20.2 | 8.7 | 98 | | 6.9 | 38 | 35 | 61 | |
| 2 | 19.4 | | | | | | | | |
| 3 | 17.2 | | | | | | | | |
| 4 | 16.4 | | | | | | | | |
| 5 | 14.8 | 9.5 | 97 | | 6.6 | 36 | 35 | 50 | |
| 6 | 14.4 | | | | | | | | |
| 7 | 12.0 | | | | | | | | |
| 8 | 11.5 | | | | | | | | |
| 9 | 11.3 | | | | | | | | |
| 10 | 11.2 | 9.0 | 85 | | 6.8 | 37 | 35 | 48 | |

Asema 5. 4.7.1961. Sää: 14.1°C, pilvisyys 8, länsituuli 3 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|----|----|----|--|
| 1 | 18.1 | 9.0 | 98 | | 6.9 | 46 | 40 | 81 | |
| 4 | 18.0 | 8.8 | 95 | | 6.9 | 44 | 40 | 81 | |
| 8 | 17.2 | 8.4 | 90 | | 6.8 | 46 | 35 | 80 | |
| 10 | 16.5 | 7.8 | 82 | | 6.6 | 46 | 35 | 73 | |

Asema 5. 15.8.1961. Sää: 13.6°C, pilvisyys 7, koillistuuli
3 m/s.

| | | | | | | | | | |
|----|------|-----|-----|--|-----|----|----|----|--|
| 1 | 18.9 | 9.2 | 101 | | 6.9 | 41 | 30 | 52 | |
| 5 | 18.6 | 8.6 | 94 | | 7.0 | 40 | 30 | 47 | |
| 10 | 18.3 | 8.1 | 88 | | 7.0 | 39 | 30 | 46 | |

Asema 5. 4.7.1962. Sää: 16.2°C, pilvisyys 7, itätuuli 5 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|----|----|----|--|
| 1 | 16.3 | 8.5 | 89 | | 6.9 | 40 | 25 | 34 | |
| 5 | 16.2 | 8.7 | 91 | | 7.0 | 38 | 25 | 31 | |
| 10 | 16.0 | 8.0 | 84 | | 6.7 | 39 | 25 | 34 | |

Asema 6. 14.6.1961. Sää: 19.6°C, pilvisyys 5-8, etelätuuli 5 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | n ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 18.5 | 0.8 | 12 | | 6.3 | 49 | | 80 | |
| 2 | 18.4 | | | | | | | | |
| 3 | 17.3 | 2.6 | 28 | | 6.4 | 49 | | 83 | |
| 4 | 16.4 | | | | | | | | |
| 5 | 16.4 | | | | | | | | |
| 6 | 15.3 | 5.2 | 54 | | 6.4 | | | | |

Asema 6. 4.7.1961. Sää: 14.1°C, pilvisyys 8, länsituuli 3 m/s.

| | | | | | | | | | |
|---|------|-----|----|--|-----|----|----|-----|--|
| 1 | 17.5 | 7.0 | 75 | | 6.4 | 49 | 40 | 96 | |
| 2 | 17.5 | | | | 6.2 | | | | |
| 3 | 17.4 | 5.6 | 60 | | 6.3 | 54 | 50 | 112 | |
| 4 | 17.4 | | | | 6.3 | | | | |
| 5 | 17.2 | | | | 6.0 | | | | |
| 6 | 17.0 | 8.4 | 89 | | 5.8 | 69 | 40 | 172 | |

Asema 6. 15.8.1961. Sää: 13.8°C, pilvisyys 7, koillistuuli
3 m/s.

| | | | | | | | | | |
|---|------|-----|----|--|-----|----|----|----|--|
| 1 | 18.7 | 9.0 | 99 | | 6.9 | 43 | 30 | 58 | |
| 3 | 18.5 | 8.2 | 90 | | 6.9 | 43 | 30 | 64 | |
| 6 | 18.5 | 8.1 | 89 | | 6.6 | 43 | 35 | 60 | |

Asema 6. 4.7.1962. Sää: 16.2°C, pilvisyys 7, itätuuli 5 m/s.

| | | | | | | | | | |
|---|------|-----|----|--|-----|----|----|----|--|
| 1 | 16.3 | 6.7 | 70 | | 6.7 | 50 | 25 | 47 | |
| 4 | 16.2 | 6.8 | 71 | | 6.7 | 47 | 25 | 46 | |
| 7 | 16.1 | 6.9 | 72 | | 6.7 | 48 | 25 | 43 | |

Asema 7. 14.6.1961. Sää: 19.6°C, pilvisyys 5-8, etelätuuli 5 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | σ _t μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|---|-------------------------|-----|----------------------|--------------------|-------------------------------|--------|
| 1 | 16.8 | 0.4 | 4 | | 5.7 | 80 | | 279 | |
| 2 | 16.7 | | | | | | | | |
| 3 | 15.4 | | | | | | | | |
| 4 | 14.6 | 0.4 | 4 | | 5.7 | | 60 | | |
| 5 | 14.4 | | | | | | | | |
| 6 | 14.0 | 0.4 | 4 | | 5.7 | 72 | 70 | 334 | |
| 7 | 13.3 | | | | | | | | |
| 8 | 12.7 | 0.2 | 1 | | 5.7 | 66 | | 299 | |
| 9 | 12.2 | | | | | | | | |
| 10 | 11.8 | | | | 5.5 | 72 | 80 | 371 | |
| 11.5 | 11.2 | 0.4 | 3 | | 4.2 | 230 | | 3160 | |

Asema 7. 4.7.1961. Sää: 14.1°C, pilvisyys 8, länsituuli 3 m/s.

| | | | | | | | | | |
|----|------|-----|---|------|-----|----|----|-----|------|
| 1 | 17.2 | 0.2 | 2 | 21.0 | 5.6 | 63 | 70 | 185 | 0.08 |
| 4 | 17.2 | 0.2 | 2 | 18.0 | 5.6 | 64 | 60 | 162 | 0.08 |
| 6 | 17.0 | 0.2 | 2 | 20.0 | 5.6 | 63 | 50 | 185 | 0.07 |
| 8 | 16.8 | 0.2 | 2 | 22.0 | 5.6 | 64 | 60 | 193 | 0.08 |
| 10 | 16.4 | 0.2 | 2 | | 5.7 | 64 | 50 | 201 | 0.12 |
| 11 | 16.3 | 0.2 | 2 | 25.0 | 5.6 | 59 | 70 | 201 | 0.12 |

Asema 7. 17.8.1961. Sää: 12.2°C, pilvisyys 7-8, itätuuli 3 m/s.

| | | | | | | | | | |
|----|------|-----|---|--|-----|----|--|-----|------|
| 1 | 18.5 | 0.4 | 4 | | 5.9 | 75 | | 173 | 0.24 |
| 4 | 18.4 | 0.5 | 5 | | 5.9 | 73 | | 166 | 0.21 |
| 6 | 18.3 | 0.6 | 6 | | 5.9 | 72 | | 179 | 0.25 |
| 8 | 18.3 | 0.4 | 4 | | 5.9 | 73 | | 179 | 0.24 |
| 10 | 18.1 | 0.4 | 4 | | 5.8 | 72 | | 166 | 0.23 |
| 11 | 18.1 | 0.5 | 4 | | 5.9 | 73 | | 173 | 0.24 |

Asema 7. 6.7.1962. Sää: 14.5°C, pilvisyys 5-6, pohjoistuuli 4 m/s.

| | | | | | | | | | |
|----|------|-----|-----|------|-----|----|----|----|------|
| 1 | 16.8 | 0.9 | 9.5 | 18.0 | 6.4 | 60 | 40 | 87 | 0.15 |
| 4 | 16.5 | 0.8 | 8.5 | 14.0 | 6.4 | 60 | 40 | 84 | 0.13 |
| 8 | 16.3 | 0.3 | 3.0 | 20.0 | 6.4 | 60 | 40 | 84 | 0.13 |
| 12 | 16.1 | 0.3 | 3.0 | 24.0 | 6.4 | 60 | 40 | 80 | 0.08 |

Asema 8. 13.6.1961. Sää: 19.9°C, pilvisyys 5-8, etelätuuli 5 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | n ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 20.3 | 2.3 | 26 | | 5.9 | 74 | | 240 | |
| 2 | 17.6 | | | | | | | | |
| 4 | 14.0 | 0.4 | 4 | | 6.1 | 63 | | 186 | |
| 6 | | | | | | | | | |
| 7 | 12.7 | 0.5 | 5 | | 6.2 | 48 | 60 | 127 | |

Asema 8. 5.7.1961. Sää: 14.2°C, pilvisyys 8, kaakkoistuuli 5 m/s.

| | | | | | | | | | |
|---|------|-----|----|--|-----|----|----|-----|--|
| 1 | 17.1 | 1.0 | 11 | | 6.0 | 72 | 70 | 148 | |
| 2 | | | | | | | | | |
| 4 | 16.9 | 0.6 | 6 | | 6.0 | 70 | 60 | 148 | |
| 6 | 16.8 | 0.2 | 2 | | 6.1 | 73 | 60 | 156 | |
| 8 | 16.0 | 0.2 | 2 | | 6.2 | 64 | 50 | 137 | |

Asema 8. 15.8.1961. Sää: 13.6°C, pilvisyys 7, koillistuuli 3 m/s.

| | | | | | | | | | |
|---|------|-----|-----|--|-----|----|----|-----|--|
| 1 | 19.0 | 0.5 | 5.5 | | 6.5 | 71 | 50 | 164 | |
| 4 | 18.4 | 0.4 | 5 | | 6.5 | 69 | 40 | 145 | |
| 8 | 17.5 | 0.4 | 4.5 | | 6.3 | 69 | 60 | 220 | |

Asema 8. 6.7.1962. Sää: 14.5°C, pilvisyys 5-6, pohjoistuuli 4 m/s.

| | | | | | | | | | |
|---|------|-----|----|------|-----|----|----|----|--|
| 1 | 16.8 | 2.7 | 28 | 12.0 | 6.4 | 60 | 35 | 75 | |
| 4 | 16.6 | 2.7 | 28 | 17.0 | 6.4 | 62 | 35 | 81 | |
| 8 | 16.0 | 1.4 | 14 | 20.0 | 6.8 | 60 | 35 | 83 | |

Asema 9. 13.6.61. Sää: 19.9°C, pilvisyys 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|---|------|-----|----|--|-----|----|--|-----|--|
| 1 | 18.2 | 1.0 | 11 | | 6.2 | 79 | | 231 | |
| 4 | 14.0 | 2.5 | 25 | | 6.3 | 73 | | 166 | |
| 6 | 11.2 | 3.6 | 34 | | 6.3 | 55 | | 186 | |
| 8 | 10.8 | 3.6 | 34 | | 6.0 | 55 | | 160 | |

Asema 9. 5.7.61. Sää:14.2^oC, pilvisyys 8, kaakkoistuuli 5 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | n ₁₈ µS | Väri mg Pt/l. | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|------|-------------------------|-----|-----------------------|---------------------|-------------------------------|--------|
| 1 | 17.1 | 0.5 | 5.5 | | 6.8 | 74 | 70 | 148 | |
| 4 | 17.1 | 0.1 | - | | 6.5 | 73 | 70 | 152 | |
| 6 | 16.3 | 1.4 | 14.0 | | 6.6 | 67 | 60 | 121 | |
| 8 | 15.2 | 0.1 | - | | 6.5 | 66 | 60 | 128 | |

Asema 9. 16.8.61. Sää: 12.2^oC, pilvis. 6-7, itätuuli 2 m/s.

| | | | | | | | | | |
|---|------|-----|-----|--|-----|----|----|-----|--|
| 1 | 18.6 | 0.4 | 4.0 | | 6.5 | 70 | 50 | 150 | |
| 4 | 18.5 | 0.5 | 5.5 | | 6.4 | 67 | 50 | 144 | |
| 6 | 18.3 | 0.3 | 3.0 | | 6.4 | 68 | 50 | 138 | |
| 9 | 17.5 | 0.7 | 7.0 | | 6.4 | 58 | 50 | 103 | |

Asema 9. 5.7.62. Sää: 14.7^oC, pilvisyys 6, etelätuuli 3 m/s.

| | | | | | | | | | |
|---|------|-----|----|--|-----|----|----|----|------|
| 1 | 17.0 | 6.3 | 67 | | 6.7 | 56 | 35 | 71 | 0.15 |
| 4 | 16.5 | 6.1 | 64 | | 6.7 | 55 | 35 | 61 | 0.13 |
| 9 | 16.1 | 5.8 | 61 | | 6.7 | 60 | 35 | 69 | 0.15 |

Asema 10. 13.6.61. Sää: 19.9^oC, pilvis. 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|----|------|-----|-----|--|-----|----|----|-----|--|
| 1 | 20.2 | 0.5 | 5.5 | | 6.2 | 74 | 50 | 257 | |
| 4 | 13.0 | 0.6 | 6 | | 6.3 | 63 | 50 | 180 | |
| 6 | 11.0 | 3.4 | 32 | | 6.4 | 51 | 50 | 104 | |
| 8 | 11.0 | 3.9 | 37 | | 6.3 | 48 | 50 | 111 | |
| 10 | 10.5 | 3.6 | 34 | | 6.3 | 49 | 60 | 108 | |

Asema 10. 5.7.61. Sää: 14.2^oC, pilvis. 8, kaakkoistuuli 5 m/s.

| | | | | | | | | | |
|----|------|-----|-----|--|-----|----|----|-----|--|
| 1 | 16.8 | 1.2 | 13 | | 6.0 | 66 | 50 | 140 | |
| 4 | 16.7 | 1.0 | 10 | | 6.0 | 64 | 50 | 140 | |
| 6 | 16.1 | 1.2 | 12 | | 6.1 | 63 | 50 | 140 | |
| 8 | 15.8 | 1.2 | 12 | | 6.1 | 63 | 50 | 134 | |
| 11 | 15.6 | 0.8 | 8.5 | | 6.2 | 63 | 40 | 137 | |

Asema 10. 17.8.61. Sää: 12.2^oC, pilvis. 7-8, itätuuli 3 m/s.

| Syv. m | t °C | O ₂ mg/l | CO ₂ % | CO ₂ mg/l | pH | κ ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|----------------------|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 18.1 | 1.0 | 11 | | 6.4 | 62 | 40 | 122 | |
| 4 | 18.1 | 1.1 | 11 | | 6.4 | 62 | 40 | 119 | |
| 6 | 18.0 | 0.9 | 10 | | 6.5 | 61 | 40 | 122 | |
| 8 | 18.0 | 0.9 | 10 | | 6.4 | 61 | 40 | 116 | |
| 10 | 18.0 | 0.7 | 8 | | 6.3 | 65 | 50 | 109 | |

Asema 10. 5.7.62. Sää: 14.7^oC, pilvis. 6, etelätuuli 3 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|----|----|----|--|
| 1 | 16.9 | 3.2 | 34 | | 6.4 | 60 | 35 | 77 | |
| 4 | 16.3 | 2.6 | 28 | | 6.5 | 60 | 35 | 71 | |
| 6 | 16.1 | 2.6 | 27 | | 6.5 | 58 | 35 | 71 | |
| 8 | 16.1 | 2.6 | 27 | | 6.5 | 62 | 35 | 71 | |
| 10 | 16.1 | 2.8 | 29 | | 6.4 | 60 | 35 | 65 | |

Asema 11. 13.6.61. Sää: 19.9^oC, pilvis. 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|----|--|-----|--|
| 1 | 18.0 | 1.3 | 14 | | 6.4 | 61 | | 160 | |
| 4 | 13.0 | 5.7 | 56 | | 6.5 | 48 | | 127 | |
| 6 | 9.5 | 8.0 | 72 | | 6.6 | 42 | | 68 | |
| 8 | 8.2 | 8.6 | 76 | | 6.5 | 42 | | 85 | |
| 10 | 7.9 | 9.1 | 80 | | 6.5 | 45 | | 62 | |
| 12 | 7.8 | 8.8 | 76 | | 6.5 | 41 | | 68 | |
| 14 | 7.7 | 8.4 | 73 | | 6.3 | 47 | | 94 | |

Asema 11. 5.7.61. Sää: 14.2^oC, pilvis. 8, kaakkoistuuli 5 m/s.

| | | | | | | | | | |
|------|------|-----|----|-----|-----|----|----|----|------|
| 1 | 16.2 | 6.6 | 69 | 5.0 | 6.7 | 57 | 35 | 57 | 0.14 |
| 4 | 15.6 | 7.5 | 78 | 3.8 | 6.8 | 50 | 35 | 50 | 0.13 |
| 8 | 15.1 | 8.2 | 84 | 3.6 | 6.9 | 52 | 35 | 52 | 0.12 |
| 12 | 14.9 | 8.2 | 83 | 4.6 | 6.7 | 48 | 40 | 48 | 0.12 |
| 14.5 | 14.5 | 7.6 | 77 | 5.4 | 6.7 | 47 | 40 | 47 | 0.12 |

Asema 11. 16.8.61. Sää: 12.2^oC, pilvis. 6-7, itätuuli 2 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | n ₁₈ µS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 18.0 | 6.2 | 68 | 8.0 | 6.8 | 55 | 40 | 94 | 0.21 |
| 4 | 17.7 | 6.3 | 68 | 8.0 | 6.8 | 50 | 40 | 76 | |
| 6 | 17.5 | 6.9 | 74 | 9.0 | 6.8 | 46 | 40 | 76 | |
| 8 | 17.2 | 6.9 | 72 | 10.0 | 6.8 | 44 | 40 | 78 | 0.20 |
| 10 | 17.2 | 6.3 | 68 | 10.0 | 6.8 | 44 | 40 | 68 | |
| 12 | 16.5 | 4.7 | 49 | 10.0 | 6.6 | 44 | 40 | 65 | 0.18 |
| 14 | 15.8 | 3.5 | 37 | 12.8 | 6.5 | 44 | 40 | 62 | 0.24 |

Asema 11. 4.7.62. Sää: 16.2^oC, pilvis. 7, itätuuli 5 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|----|----|----|--|
| 1 | 16.5 | 8.1 | 86 | | 6.8 | 55 | 35 | 60 | |
| 4 | 16.3 | 8.0 | 84 | | 6.8 | 55 | 35 | 60 | |
| 6 | 16.1 | 7.9 | 83 | | 6.8 | 52 | 35 | 58 | |
| 8 | | | | | 6.9 | 49 | 35 | 53 | |
| 10 | 14.7 | 9.0 | 91 | | 6.9 | 41 | 30 | 43 | |
| 12 | 14.6 | 9.2 | 92 | | 7.0 | 41 | 30 | 43 | |
| 14 | 14.3 | 8.5 | 85 | | 6.9 | 40 | 30 | 43 | |

Asema 12. 13.6.61. Sää: 19.9^oC, pilvis. 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|---|------|-----|----|--|-----|----|--|-----|--|
| 1 | 21.0 | 6.9 | 80 | | 6.2 | 74 | | 304 | |
| 4 | 13.5 | 1.7 | 17 | | 6.4 | 43 | | 71 | |

Asema 12. 5.7.61. Sää: 14.2^oC, pilvisuus 8, kaakkoistuuli 5 m/s.

| | | | | | | | | | |
|-----|------|-----|----|--|-----|----|----|-----|--|
| 1 | 17.2 | 4.0 | 43 | | 6.6 | 62 | 50 | 117 | |
| 3.5 | 16.6 | 2.7 | 28 | | 6.6 | 58 | 50 | 105 | |

Asema 12. 17.8.61. Sää: 12.2^oC, pilvisuus 7-8, itätuuli 3 m/s.

| | | | | | | | | | |
|-----|------|-----|----|--|-----|----|----|-----|--|
| 1 | 18.0 | 4.8 | 52 | | 6.6 | 57 | 40 | 106 | |
| 3.5 | 17.6 | 4.8 | 52 | | 6.6 | 55 | 40 | 100 | |

Asema 12. 6.7.62. Sää: 14.5^oC, pilvisuus 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|---|------|-----|----|-----|-----|----|----|----|--|
| 1 | 17.5 | 6.9 | 75 | 5.0 | 6.7 | 55 | 35 | 73 | |
| 4 | 17.0 | 6.3 | 68 | 8.0 | 6.7 | 54 | 35 | 58 | |

Asema 13. 13.6.61. Sää: 19.9°C, pilvisyys 5-8, etelätuuli 5 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | n ₁₈ μ S | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal |
|-----------|---------|------------------------|-----|-------------------------|-----|------------------------|--------------------|-------------------------------|-------|
| 1 | 15.5 | 9.6 | 99 | | 7.0 | 37 | | 67 | |
| 2 | 15.1 | | | | | | | | |
| 3 | 12.8 | 10.6 | 104 | | 6.9 | 35 | | 55 | |
| 4 | 11.4 | | | | | | | | |
| 5 | 10.4 | 10.7 | 99 | | 7.0 | 35 | | 54 | |
| 6 | 9.7 | 10.7 | 97 | | 6.8 | 34 | | 47 | |
| 7 | 8.8 | 10.0 | 89 | | 6.2 | 35 | | 49 | |

Asema 13. 6.7.61. Sää: 15.3°C, pilvisyys 6-7, lounaistuuli 6 m/s.

| | | | | | | | | | |
|---|------|-----|----|--|-----|----|----|----|--|
| 1 | 16.6 | 5.8 | 62 | | 6.6 | 51 | 50 | 93 | |
| 3 | 15.6 | 8.7 | 89 | | 7.2 | 40 | 35 | 53 | |
| 5 | 14.5 | 8.9 | 90 | | 7.1 | 37 | 35 | 56 | |

Asema 13. 17.8.61. Sää: 12.2°C, pilvisyys 7-8, itätuuli 3 m/s.

| | | | | | | | | | |
|-----|------|-----|----|--|-----|----|----|----|--|
| 1 | 18.1 | 8.2 | 89 | | 6.7 | 36 | 30 | 64 | |
| 4 | 17.7 | 7.9 | 86 | | 6.5 | 42 | 30 | 38 | |
| 5.5 | 17.6 | 8.5 | 91 | | 5.7 | 41 | 25 | 40 | |

Asema 13. 6.7.62. Sää: 14.5°C, pilvisyys 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|---|------|-----|----|-----|-----|----|----|----|------|
| 1 | 17.2 | 8.2 | 88 | 3.8 | 6.7 | 50 | 30 | 54 | 0.12 |
| 3 | 15.3 | 8.8 | 90 | 3.0 | 6.9 | 36 | 25 | 29 | 0.11 |
| 6 | 13.8 | 9.1 | 90 | 3.0 | 6.7 | 36 | 25 | 30 | 0.11 |

Asema 14. 13.6.61. Sää: 19.9°C, pilvisyys 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|-----|----|-------|--|
| 1 | 16.5 | 5.3 | 56 | | 6.8 | 64 | 60 | 140 | |
| 4 | 10.0 | 9.0 | 83 | | 6.7 | 43 | 60 | 110 | |
| 6 | 8.0 | 8.7 | 76 | | 6.6 | 39 | 50 | 81 | |
| 8 | 7.5 | 7.6 | 65 | | 6.7 | 44 | 50 | 85 | |
| 10 | 7.5 | 0 | 0 | | 9.6 | 190 | | 15400 | |

Asema 14. 5.7.61. Sää: 14.2°C, pilvis. 8, kaakkoistuuli 5 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | κ ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal |
|-----------|---------|------------------------|----|-------------------------|-----|-----------------------|--------------------|-------------------------------|-------|
| 1 | 16.0 | 7.2 | 75 | | 6.9 | 55 | | 82 | |
| 4 | 15.9 | 7.3 | 76 | | 6.9 | 55 | | 90 | |
| 6 | 15.8 | 7.8 | 81 | | 7.0 | 53 | | 78 | |
| 8 | 15.1 | 8.8 | 89 | | 6.9 | 43 | | 53 | |
| 10 | 15.0 | 8.5 | 86 | | 6.9 | 46 | | 52 | |

Asema 14. 16.8.61. Sää: 12.2°C, pilvisuus 6-7, itätuuli 2 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|----|--|----|--|
| 1 | 18.6 | 5.7 | 63 | | 6.8 | 52 | | 75 | |
| 4 | 18.0 | 6.4 | 69 | | 6.9 | 49 | | 71 | |
| 6 | 17.9 | 7.1 | 72 | | 6.9 | 44 | | 65 | |
| 8 | 17.8 | 7.2 | 78 | | 6.9 | 43 | | 59 | |
| 10 | 16.8 | 7.4 | 78 | | 6.8 | 45 | | 71 | |

Asema 14. 5.7.62. Sää: 14.7°C, pilvisuus 6, etelätuuli 3 m/s.

| | | | | | | | | | |
|----|------|-----|----|-----|-----|----|----|----|------|
| 1 | 15.5 | 8.7 | 89 | 2.0 | 6.9 | 37 | 25 | 38 | 0.15 |
| 4 | 15.1 | 8.5 | 87 | 2.4 | 7.0 | 37 | 25 | 33 | 0.15 |
| 8 | 14.6 | 8.8 | 88 | | 6.9 | 37 | 25 | 32 | |
| 10 | 13.9 | 8.8 | 87 | 3.2 | 6.9 | 33 | 25 | 31 | 0.17 |

Asema 15. 13.6.61. Sää: 19.9°C, pilvisuus 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|----|------|------|----|--|-----|----|--|-----|--|
| 1 | 18.8 | 3.0 | 33 | | 6.3 | 59 | | 88 | |
| 4 | 8.7 | 9.4 | 80 | | 6.7 | 41 | | 65 | |
| 6 | 8.0 | 9.2 | 78 | | 6.6 | 41 | | 78 | |
| 8 | 7.3 | 10.0 | 85 | | 6.7 | 42 | | 65 | |
| 10 | 7.0 | 10.2 | 86 | | 6.7 | 44 | | 71 | |
| 12 | 6.5 | 10.1 | 86 | | 6.8 | 36 | | 68 | |
| 14 | 6.5 | | | | 6.8 | 41 | | 81 | |
| 16 | 6.0 | 10.1 | 83 | | 6.7 | 39 | | 101 | |

Asema 15. 5.7.61. Sää: 14.2°C, pilvis.8, kaakkoistuuli 5 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | n ₁₈ µS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 16.1 | 8.3 | 87 | 3.0 | 6.6 | 42 | | | 0.13 |
| 4 | 16.0 | 8.4 | 87 | 3.6 | 6.6 | 42 | | | 0.12 |
| 8 | 15.4 | 8.9 | 92 | 2.8 | 6.8 | 40 | | | 0.13 |
| 12 | 14.2 | 8.8 | 88 | 3.4 | 6.7 | 40 | | | 0.12 |
| 14 | 14.0 | 8.5 | 85 | 4.6 | 6.5 | 36 | | | 0.12 |
| 16.5 | 13.1 | 8.2 | 80 | 6.0 | 6.4 | 36 | | | 0.12 |

Asema 15. 16.8.61. Sää: 12.2°C, pilvis. 6-7, itätuuli 2 m/s.

| | | | | | | | | | |
|----|------|-----|-----|------|-----|----|--|--|------|
| 1 | 18.1 | 9.2 | 100 | 3.0 | 7.0 | 46 | | | |
| 4 | 18.0 | 8.4 | 91 | 4.0 | 7.0 | 44 | | | 0.18 |
| 7 | 12.9 | 8.1 | 88 | 5.0 | 6.7 | 45 | | | |
| 10 | 17.5 | 7.1 | 76 | 7.0 | 6.6 | 45 | | | 0.20 |
| 12 | 16.8 | 7.1 | 73 | 10.0 | 6.6 | 44 | | | |
| 14 | 16.1 | 4.1 | 43 | 11.0 | 6.5 | 43 | | | |
| 16 | 15.2 | 2.6 | 26 | 13.0 | 6.5 | 42 | | | 0.20 |

Asema 15. 5.7.62. Sää: 14.7°C, pilvisyys 6, etelätuuli 3 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|----|----|----|--|
| 1 | 16.5 | 8.6 | 91 | | 7.0 | 44 | 25 | 43 | |
| 4 | 16.2 | 8.6 | 90 | | 6.9 | 42 | 25 | 42 | |
| 6 | 16.0 | 9.0 | 93 | | 7.0 | 44 | 25 | 43 | |
| 8 | 14.9 | 9.0 | 91 | | 7.0 | 37 | 25 | 36 | |
| 10 | 14.4 | | | | 6.9 | 33 | 25 | 32 | |
| 12 | 11.8 | 9.4 | 89 | | 6.9 | 33 | 25 | 29 | |
| 14 | 11.0 | | | | 6.8 | 32 | 25 | 29 | |
| 16 | 11.0 | 9.5 | 89 | | 6.8 | 33 | 25 | 29 | |

Asema 16. 13.6.61. Sää: 19.9°C, pilvisyys 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|----|------|------|----|--|-----|----|--|-----|--|
| 1 | 18.0 | 6.5 | 71 | | 6.7 | 54 | | 123 | |
| 4 | 10.8 | 9.5 | 89 | | 6.7 | 52 | | 62 | |
| 6 | 8.3 | 10.6 | 93 | | 6.8 | 39 | | 71 | |
| 8 | 8.0 | 10.6 | 92 | | 6.7 | 43 | | 53 | |
| 10 | 8.0 | 10.1 | 88 | | 6.8 | 45 | | 53 | |
| 13 | 7.0 | 9.8 | 84 | | 6.8 | 39 | | 69 | |

Asema 16. 5.7.61. Sää: 14.2^oC, pilvis.8, kaakkoistuuli 5 m/s.

| Syv. m. | t °C | mg/l | % | CO ₂ mg/l | pH | n ₁₈ µS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|------------|---------|------|----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 15.5 | 9.3 | 96 | | 6.7 | 46 | 35 | 59 | |
| 4 | 15.5 | 9.4 | 97 | | 6.6 | 45 | 40 | 53 | |
| 6 | 15.5 | 9.4 | 97 | | 6.6 | 46 | 35 | 48 | |
| 8 | 15.3 | | | | 6.7 | | | | |
| 10 | 15.1 | 9.6 | 98 | | 6.7 | 44 | 35 | 42 | |
| 13 | 14.5 | 9.2 | 93 | | 6.7 | 44 | 35 | 44 | |

Asema 16. 16.8.61. Sää: 12.2^oC, pilvisyys 6-7, itätuuli 2 m/s.

| | | | | | | | | | |
|------|------|-----|-----|--|-----|----|----|----|--|
| 1 | 18.2 | 9.1 | 99 | | 7.0 | 36 | 30 | 41 | |
| 4 | 17.9 | 9.7 | 104 | | 7.0 | 36 | 30 | 46 | |
| 6 | 17.9 | 8.8 | 95 | | 7.0 | 36 | 30 | 43 | |
| 8 | 17.9 | 8.8 | 95 | | 7.0 | 36 | 30 | 40 | |
| 10 | 17.8 | 8.3 | 90 | | 7.0 | 36 | 30 | 45 | |
| 12 | 17.5 | 6.0 | 65 | | 6.8 | 36 | 30 | 46 | |
| 13.5 | 16.3 | 5.2 | 55 | | 6.6 | 40 | 50 | 51 | |

Asema 16. 5.7.62. Sää: 14.7^oC, pilvisyys 6, etelätuuli 3 m/s.

| | | | | | | | | | |
|----|------|-----|----|-----|-----|----|----|----|------|
| 1 | 15.7 | 8.8 | 86 | 2.2 | 6.9 | 37 | 25 | 35 | 0.10 |
| 4 | 15.2 | 8.7 | 88 | 2.4 | 6.9 | 37 | 25 | 35 | 0.10 |
| 8 | 14.7 | 8.8 | 89 | | 6.9 | 37 | 25 | 32 | |
| 10 | 14.2 | 8.9 | 89 | 3.2 | 6.8 | 35 | 25 | 32 | 0.10 |
| 14 | 11.3 | 9.3 | 87 | 3.6 | 6.7 | 33 | 25 | 32 | 0.09 |

Asema 17. 13.6.61. Sää: 19.9^oC, pilvisyys 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|----|------|------|-----|--|-----|----|--|----|--|
| 1 | 16.5 | 8.9 | 94 | | 7.0 | 46 | | 81 | |
| 3 | 13.1 | 9.3 | 91 | | 7.0 | 46 | | 91 | |
| 6 | 8.1 | 11.4 | 100 | | 7.0 | 41 | | 46 | |
| 9 | 7.2 | 10.8 | 92 | | 6.9 | 43 | | 73 | |
| 12 | 6.5 | 10.6 | 90 | | 6.8 | 37 | | 59 | |
| 16 | 6.5 | 10.6 | 90 | | 6.7 | 39 | | 51 | |

Asema 17. 6.7.61. Sää: 15.3°C, pilvis. 6-7, lounaistuuli 6 m/s.

| Syv. m | t °C | O ₂ | | CO ₂ mg/l | pH | κ ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|----------------|----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 15.6 | 9.4 | 97 | | 6.8 | 38 | 35 | 50 | |
| 4 | 15.3 | 9.3 | 96 | | 6.8 | 38 | 35 | 67 | |
| 8 | 14.6 | 9.4 | 94 | | 6.7 | 41 | 40 | 60 | |
| 12 | 12.1 | 9.2 | 89 | | 6.6 | 39 | 40 | 44 | |
| 14 | 9.3 | 9.6 | 87 | | 6.4 | 37 | 40 | 50 | |

Asema 17. 17.8.61. Sää: 12.2°C, pilvisyys 7-8, itätuuli 3 m/s.

| | | | | | | | | | |
|----|------|-----|----|--|-----|----|----|----|--|
| 1 | 17.8 | 8.8 | 96 | | 7.1 | 40 | 30 | 45 | |
| 4 | 17.8 | 8.6 | 93 | | 7.0 | 38 | 30 | 40 | |
| 8 | 17.5 | 9.1 | 98 | | 6.9 | 36 | 30 | 46 | |
| 12 | 16.6 | 8.6 | 91 | | 7.0 | 36 | 30 | 49 | |
| 14 | 13.5 | | | | | | | | |
| 16 | 13.0 | 8.2 | 61 | | 6.8 | 36 | 30 | 37 | |

Asema 17. 6.7.62. Sää: 14.5°C, pilvisyys 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|----|------|-----|-----|-----|-----|----|----|----|------|
| 1 | 17.6 | 9.3 | 101 | 1.8 | 7.1 | 36 | 25 | 30 | 0.09 |
| 4 | 15.2 | 9.3 | 96 | 2.2 | 7.1 | 35 | 25 | 32 | 0.07 |
| 8 | 14.2 | 9.8 | 99 | 2.4 | 6.9 | 35 | 25 | 30 | 0.07 |
| 12 | 11.4 | 9.7 | 92 | 2.8 | 6.9 | 36 | 25 | 28 | 0.08 |
| 15 | 10.3 | 9.7 | 90 | 3.4 | 6.9 | 34 | 25 | 29 | 0.08 |

Asema 18. 13.6.61. Sää: 19.9°C, pilvisyys 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|------|------|------|-----|--|-----|----|--|----|--|
| 1 | 19.3 | 9.7 | 108 | | 6.8 | 37 | | 56 | |
| 2 | 17.7 | | | | | | | | |
| 4 | 16.8 | | | | | | | | |
| 5 | 13.5 | 11.0 | 108 | | 6.9 | 34 | | 38 | |
| 6 | 11.8 | 11.3 | 107 | | 6.9 | 33 | | 49 | |
| 7 | 10.8 | | | | | | | | |
| 8 | 9.2 | | | | | | | | |
| 10 | 9.0 | 11.1 | 100 | | 6.8 | 34 | | 44 | |
| 12 | 8.2 | 11.3 | 99 | | 6.7 | 33 | | 43 | |
| 14 | 7.2 | | | | | | | | |
| 15.8 | 6.7 | 10.5 | 88 | | 6.6 | 36 | | 52 | |

Asema 18. 6.7.61. Sää: 15.3°C, pilvis. 6-7, lounaistuuli 6 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | * ₁₈ µS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 15.5 | 9.0 | 93 | | 6.9 | 38 | 30 | 53 | |
| 4 | 15.3 | 9.5 | 97 | | 6.8 | 37 | 30 | 60 | |
| 8 | 14.6 | 9.3 | 94 | | 6.7 | 37 | 30 | 50 | |
| 12 | 11.7 | 9.4 | 89 | | 6.6 | 36 | 30 | 52 | |
| 16 | 9.3 | 9.2 | 82 | | 6.4 | 36 | 30 | 46 | |

Asema 18. 17.8.61. Sää: 12.2°C, pilvisuus 7-8, itätuuli 3 m/s.

| | | | | | | | | | |
|----|------|-----|-----|--|-----|----|----|----|--|
| 1 | 17.7 | 9.8 | 106 | | 7.0 | 36 | 25 | 41 | |
| 4 | 17.6 | 9.4 | 101 | | 7.0 | 38 | 30 | 46 | |
| 7 | 17.6 | 9.0 | 97 | | 7.0 | 38 | 30 | 46 | |
| 10 | 17.5 | 9.0 | 97 | | 7.0 | 38 | 30 | 46 | |
| 12 | 15.7 | 8.6 | 89 | | 6.2 | 48 | 30 | 64 | |
| 15 | 12.4 | 8.8 | 85 | | 6.7 | 36 | 30 | 37 | |

Asema 18. 6.7.62. Sää: 14.5°C, pilvisuus 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|----|------|-----|-----|-----|-----|----|----|----|------|
| 1 | 16.8 | 9.6 | 102 | 1.8 | 7.1 | 35 | 25 | 33 | 0.08 |
| 4 | 15.1 | 9.4 | 97 | 2.2 | 7.0 | 33 | 25 | 30 | 0.07 |
| 8 | 14.2 | 9.4 | 95 | 2.4 | 7.0 | 34 | 25 | 29 | 0.07 |
| 12 | 12.1 | 9.8 | 95 | 2.8 | 6.9 | 34 | 25 | 29 | 0.07 |
| 15 | 10.6 | 9.8 | 92 | 3.6 | 6.8 | 34 | 25 | 28 | 0.08 |

Asema 19. 15.6.61. Sää: 19.5°C, pilvis. 5-7, kaakkoistuuli 4 m/s.

| | | | | | | | | | |
|----|------|------|-----|--|-----|----|--|----|--|
| 1 | 18.8 | 9.6 | 106 | | 6.9 | 37 | | 48 | |
| 3 | 17.0 | 9.8 | 104 | | 7.0 | 35 | | 50 | |
| 4 | 14.8 | | | | | | | | |
| 5 | 13.0 | 10.8 | 105 | | 6.9 | 33 | | 39 | |
| 7 | 12.1 | 10.8 | 104 | | 6.7 | 33 | | 40 | |
| 8 | 10.8 | | | | | | | | |
| 10 | 9.0 | 10.9 | 97 | | 6.8 | 33 | | 40 | |
| 16 | 8.1 | 10.7 | 94 | | 6.8 | 33 | | 45 | |
| 22 | 6.8 | 10.3 | 87 | | 6.8 | 34 | | 52 | |
| 25 | 6.5 | 10.7 | 90 | | 6.7 | 35 | | 47 | |
| 28 | 6.3 | 10.3 | 85 | | 6.6 | 35 | | 44 | |

Asema 19. 6.7.61. Sää: 15.3^oC, pilvis. 6-7, lounaistuuli 6 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | κ ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 15.1 | 7.2 | 74 | | 6.9 | 39 | 30 | 54 | |
| 4 | 15.0 | 9.4 | 96 | | 6.9 | 35 | 30 | 40 | |
| 8 | 14.5 | 9.4 | 94 | | 6.9 | 36 | 35 | 46 | |
| 12 | 11.8 | 8.3 | 79 | | 6.6 | 40 | 35 | 46 | |
| 16 | 9.8 | 9.3 | 85 | | 6.6 | 38 | 35 | 42 | |
| 20 | 9.1 | 7.8 | 70 | | 6.6 | 37 | 40 | 46 | |
| 24 | 8.6 | 9.1 | 80 | | 6.7 | 37 | 35 | 46 | |
| 26 | 8.6 | 9.6 | 86 | | 6.7 | 38 | 35 | 42 | |
| 28 | 7.6 | 9.6 | 83 | | 6.6 | 36 | 40 | 44 | |

Asema 19. 17.8.61. Sää: 12.2^oC, pilvisuus 7-8, itätuuli 3 m/s.

| | | | | | | | | | |
|----|------|-----|-----|--|-----|----|----|----|--|
| 1 | 17.8 | 9.3 | 100 | | 7.2 | 38 | 25 | 41 | |
| 4 | 17.6 | 9.3 | 99 | | 7.3 | 36 | 25 | 33 | |
| 8 | 16.4 | 9.3 | 98 | | 7.0 | 35 | 25 | 35 | |
| 12 | 15.8 | 8.0 | 83 | | 7.0 | 36 | 25 | 40 | |
| 16 | 13.6 | 9.1 | 90 | | 6.7 | 36 | 25 | 30 | |
| 20 | 12.6 | 8.9 | 86 | | 6.7 | 36 | 25 | 41 | |
| 24 | 10.6 | 8.5 | 80 | | 6.7 | 36 | 25 | 37 | |
| 28 | 9.4 | 8.5 | 76 | | 6.6 | 36 | 25 | 38 | |

Asema 19. 6.7.62. Sää: 14.5^oC, pilvisuus 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|----|------|------|-----|-----|-----|----|----|----|------|
| 1 | 16.5 | 9.4 | 100 | 2.0 | 7.0 | 34 | 25 | 32 | 0.08 |
| 4 | 14.8 | | | 2.2 | 7.0 | 34 | 25 | 29 | 0.08 |
| 10 | 13.7 | 9.6 | 96 | 2.4 | 7.0 | 34 | 25 | 29 | 0.07 |
| 15 | 12.4 | | | 2.6 | 6.8 | 34 | 25 | 29 | 0.08 |
| 20 | 10.9 | 9.8 | 92 | 3.0 | 6.8 | 34 | 25 | 33 | |
| 25 | 9.8 | | | | 6.8 | 34 | 25 | 28 | |
| 27 | 9.5 | 10.0 | 90 | 3.7 | 6.8 | 34 | 25 | 29 | 0.09 |

Asema 2o. 15.6.61. Sää: 19.5^oC, pilvisuus 5-7, kaakkois-
tuuli 4 m/s.

| Syv. m | t °C | O ₂ mg/l | % | CO ₂ mg/l | pH | κ ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|------------------------|-----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| 1 | 20.7 | 9.1 | 104 | | 6.8 | 36 | | 56 | |
| 3 | 19.5 | | | | | | | | |
| 4 | 19.2 | | | | | | | | |
| 5 | 18.8 | 9.4 | 104 | | 7.0 | 37 | | 56 | |
| 6 | 16.6 | | | | | | | | |
| 7 | 15.1 | | | | | | | | |
| 8 | 12.5 | 10.6 | 103 | | 7.0 | 35 | | 53 | |
| 9 | 9.8 | | | | | | | | |
| 12 | 9.0 | 11.6 | 103 | | 6.8 | 41 | | 44 | |
| 16 | 8.1 | 11.7 | 102 | | 6.7 | 37 | | 45 | |
| 20 | 7.2 | 11.3 | 97 | | 6.8 | 34 | | 39 | |
| 24 | 6.8 | | | | | | | | |
| 26 | 6.6 | 10.9 | 92 | | 6.7 | 34 | | 41 | |
| 30 | 5.8 | 10.3 | 85 | | 6.7 | 37 | | 50 | |
| 35 | 5.4 | | | | | | | | |
| 40 | 5.2 | 9.8 | 80 | | 6.7 | 36 | | 56 | |
| 54 | 5.2 | 9.7 | 80 | | 6.7 | 36 | | 53 | |
| 60 | 5.2 | 9.3 | 75 | | 6.6 | 37 | | 58 | |

Asema 2o. 6.7.61. Sää: 15.3^oC, pilvis. 6-7, lounaistuuli
6 m/s.

| | | | | | | | | | |
|----|------|-----|----|-----|-----|----|----|----|------|
| 1 | 14.6 | 9.7 | 98 | 2.0 | 7.1 | 43 | 40 | 31 | 0.11 |
| 4 | 14.4 | 9.3 | 92 | 2.4 | 7.0 | 34 | 30 | 32 | 0.11 |
| 8 | 13.5 | 8.9 | 88 | 2.8 | 7.0 | 36 | 30 | 32 | 0.11 |
| 12 | 12.6 | 9.2 | 88 | 3.0 | 7.0 | 38 | 30 | 32 | 0.11 |
| 16 | 12.1 | 9.3 | 89 | 3.4 | 6.8 | 40 | 35 | 33 | 0.10 |
| 20 | 9.7 | 8.6 | 78 | 3.8 | 6.5 | 40 | 35 | 33 | 0.11 |
| 24 | 7.6 | 8.8 | 76 | 3.8 | 6.6 | 40 | 35 | 33 | 0.10 |
| 28 | 7.3 | 8.5 | 73 | 3.8 | 6.6 | 38 | 35 | | |
| 32 | 7.3 | 7.6 | 65 | 4.0 | 6.7 | 37 | 30 | 32 | 0.10 |
| 36 | 7.2 | 9.3 | 79 | 4.4 | 6.6 | 38 | 30 | 33 | 0.10 |
| 40 | 7.0 | 9.4 | 80 | 4.4 | 6.6 | 38 | 35 | 33 | 0.12 |
| 44 | 6.8 | 9.6 | 82 | 4.6 | 6.5 | 38 | 35 | 33 | 0.11 |
| 48 | 6.7 | 8.8 | 74 | 4.8 | 6.5 | 36 | 40 | 33 | 0.11 |
| 52 | 6.7 | 9.0 | 75 | 4.8 | 6.7 | 38 | 35 | 32 | 0.11 |
| 56 | 6.7 | 7.9 | 68 | 5.6 | 6.7 | 38 | 35 | 33 | 0.11 |

Asema 20. 17.8.61. Sää: 12.2°C, pilvisuus 7-8, itätuuli 3 m/s.

| Syv. m | t °C | O ₂ | | CO ₂ mg/l | pH | n ₁₈ μS | Väri mg Pt/l | KMnO ₄ -k. mg/l | Alkal. |
|-----------|---------|----------------|-----|-------------------------|-----|-----------------------|--------------------|-------------------------------|--------|
| | | mg/l | % | | | | | | |
| 1 | 17.7 | 9.5 | 103 | 3.2 | 6.8 | 28 | 25 | 32 | 0.14 |
| 4 | 17.6 | | | | | | | | |
| 7 | 17.5 | 9.5 | 102 | 3.4 | 6.9 | 33 | 25 | 29 | 0.14 |
| 11 | 17.4 | | | | | | | | |
| 13 | 16.4 | | | 4.6 | | | | | |
| 14 | 15.6 | 9.3 | 98 | 5.4 | 6.7 | 34 | 25 | 35 | 0.13 |
| 18 | 13.6 | | | | | | | | 0.14 |
| 21 | 12.0 | 9.1 | 87 | 5.6 | 6.6 | 36 | 25 | 38 | 0.16 |
| 23 | 10.7 | | | | | | | | |
| 25 | 9.2 | | | | | | | | 0.15 |
| 28 | 9.0 | 9.3 | 83 | 6.0 | 6.5 | 36 | 25 | 40 | 0.15 |
| 35 | 9.0 | 9.3 | 83 | 6.8 | 6.6 | 36 | 25 | 40 | 0.12 |
| 38 | 9.0 | | | | | | | | 0.13 |
| 42 | 8.9 | 9.1 | 81 | 7.0 | 6.7 | 36 | 25 | 37 | 0.15 |
| 49 | 8.4 | | | | | | | | |
| 52 | 7.9 | | | | | | | | 0.14 |
| 55 | 7.9 | 9.3 | 81 | 7.2 | 6.6 | 37 | 25 | 59 | 0.13 |
| 58 | 7.9 | 8.9 | 73 | 7.6 | 6.5 | 37 | 25 | 57 | 0.12 |

Asema 20. 6.7.62. Sää: 14.5°C, pilvisuus 5-8, etelätuuli 5 m/s.

| | | | | | | | | | |
|----|------|------|-----|-----|-----|----|----|----|------|
| 1 | 15.9 | 9.5 | 100 | 2.0 | 6.9 | 34 | 25 | 30 | 0.11 |
| 4 | 15.2 | | | 2.0 | | 33 | 25 | | 0.10 |
| 10 | 14.1 | | | 2.4 | 6.9 | 35 | 25 | 29 | 0.08 |
| 20 | 10.3 | 9.9 | 92 | 3.0 | 6.9 | 34 | 25 | 29 | 0.09 |
| 30 | 7.7 | | | 3.0 | 6.8 | 34 | 25 | 29 | 0.08 |
| 40 | 7.5 | 10.4 | 90 | 3.6 | 6.8 | 34 | 25 | 29 | 0.08 |
| 45 | 7.3 | | | 3.6 | 6.8 | 33 | 25 | 28 | 0.09 |
| 50 | 7.3 | 10.2 | 88 | | | 34 | 25 | 28 | |
| 55 | 7.0 | 10.2 | 87 | 3.6 | 6.7 | 34 | 25 | 27 | 0.09 |
| 60 | 6.9 | | | 4.0 | 6.7 | 34 | 25 | 27 | 0.07 |
| 63 | 6.9 | 9.4 | 78 | 4.0 | 6.7 | 34 | 25 | 27 | 0.07 |

Planktontaulukot

tilavuudet 1 000 μ^3 :nä/100 ml.
+ = tyhjiä kotia.

13.6. - 16.6.1961. 4.7. - 6.7.1961.

| | Asema 1. | Asema 5. | Asema 7. | Asema 8. | Asema 17. | Asema 1. | Asema 5. | Asema 7. | Asema 8. | Asema 17. |
|---------------------------------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|-----------|
| Anabaena flos-aquae | 303 | | | | | | | | | |
| Aphanocapsa delicatissima | 115 | 18 | | 155 | 253 | 415 | 1941 | | 1641 | 206 |
| " elachista | 56 | | | 37 | 29 | 85 | 40 | | 67 | 8 |
| Aphanothece clathrata | 13 | 13 | | | | 13 | | | | |
| Chroococcus dispersus | | 137 | | | | | 65 | | | |
| Gomphosphaeria aponina | | | | 57 | | | | | | |
| " lacustris | | | | | | | 36 | | | 12 |
| Merismopedia tenuissima | | | | 1.3 | 0.5 | 1.3 | 6.7 | | | |
| Microcystis aeruginosa | | | | 152 | 152 | 1958 | | | 114 | 76 |
| Oscillatoria agardhi | | | | | | | | | | |
| " limnetica | 20 | | | 6.2 | | 2.0 | | | 12 | |
| Phormidium dictyothallum | | | | | | | | 243 | | |
| <u>Spirulina jenneri</u> | | | 90 | | | | | | | |
| Cyanophyta | 489 | 168 | 90 | 408 | 434 | 2461 | 2088 | 417 | 1720 | 302 |
| <u>Gyromitus cocciformis</u> | | | | | | 78 | 250 | | | 328 |
| Chlorophyta, Protoblepharidales | | | | | | 78 | 250 | | | 328 |
| Chlamydomonas sp. | 31 | 70 | | 4.4 | 158 | 171 | 48 | | | 105 |
| Chlorogonium sp. | | | | | | | | 537 | | |
| Eudorina elegans | | | 106 | | | | | | | 38 |
| <u>Pyrobotrys elongata</u> | | | | 316 | | | | | | |
| Chlorophyta, Volvocales | 31 | 70 | 106 | 320 | 158 | 171 | 48 | 537 | | 143 |
| <u>Sphaerocystis Schroeteri</u> | 24 | 4.8 | | 4.8 | | 73 | 92 | | | 10 |
| Chlorophyta, Tetrasporales | 24 | 4.8 | | 4.8 | | 73 | 92 | | | 10 |
| Ankistrodesmus falcatus | 2.8 | | | 2.8 | 2.8 | 15 | 19 | 9.6 | 6.6 | 2 |

13.6. - 16.6.1961.

4.7. - 6.7.1961.

| | Asema 1. | Asema 5. | Asema 7. | Asema 8. | Asema 17. | Asema 1. | Asema 5. | Asema 7. | Asema 8. | Asema 17. |
|-------------------------------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|--------------|
| <i>Ankistrodesmus falcatus</i> var. | | | | | | | | | | |
| <i>mirabilis</i> | 8 | 9.6 | | 70 | 18 | 24 | 16 | 22 | 22 | 3 |
| " <i>Var. spiriliformis</i> | 0.8 | | 9.6 | 23 | 48 | | | 13 | 130 | 13 |
| <i>Crucigenia quadrata</i> | 5.5 | 5.5 | | 2.2 | | 57 | 50 | 44 | 6.6 | |
| " <i>tetrapedia</i> | 28 | 18 | 7.1 | 8.9 | | 91 | 128 | 64 | 7.1 | 3.5 |
| <i>Dictyosphaerium pulchellum</i> | 45 | 11.5 | 34 | 2112 | 130 | 96 | 16 | 147 | 25777 | |
| " <i>ehrenbergianum</i> | | | | | | | | | 45 | |
| <i>Elakatothrix gelatinosa</i> | 0.9 | | | | | 11 | 34 | 23 | | 4.5 |
| <i>Golenkinia radiata</i> | | | | | 9.9 | | 27 | | | |
| <i>Kirchneriella contorta</i> | | 3.4 | | | 113 | | | | | |
| <i>Oocystis borgei</i> | 15 | | | | | 89 | 67 | | 15 | 1.0 |
| " <i>parva</i> | | 2.1 | | 1.0 | | 31 | 104 | | 16 | |
| <i>Pediastrum tetras</i> | 24 | 24 | | | 32 | 40 | 32 | 32 | 16 | |
| <i>Quadrigula pfitzeri</i> | | | | | | | 4.8 | 16 | | |
| <i>Scenedesmus acuminatus</i> | | | | | | | 11 | | 3.2 | |
| " <i>arcuatus</i> | | | | | 50 | | | | 13 | |
| " <i>armatus</i> | | | | | | | 2.3 | 9.4 | | |
| " <i>bicaudatus</i> | | 3.2 | 13 | | 3.2 | 1.6 | 3.2 | 147 | 28 | 4.8 |
| " <i>bicellularis</i> | 4.0 | 11.5 | 14 | 1.4 | 21 | 9 | 13 | 18 | 18 | 13 |
| " <i>biijuga</i> | | | 37 | 9.4 | 23 | 16 | 37 | 113 | 89 | 2.3 |
| " <i>brasiliensis</i> | 3.1 | 7.8 | | | 3.1 | 3.1 | | | | |
| " <i>quadricauda</i> | 17 | | 34 | 26 | 86 | 8.6 | 17 | 173 | 156 | 34 |
| <i>Selenastrum gracile</i> | 4.0 | | | 2.8 | | 1.4 | | | | |
| <i>Tetraedron minimum</i> | | 1.5 | | | | 1.5 | 1.5 | | | |

13.6. - 16.6.1961.

4.7. - 6.7.1961.

| | Asema 1. | Asema 5. | Asema 7. | Asema 149 | Asema 2259 | Asema 539 | Asema 1. | Asema 495 | Asema 583 | Asema 831 | Asema 26332 | Asema 8. | Asema 17. |
|-----------------------------|-------------|-------------|-------------|--------------|---------------|--------------|-------------|--------------|--------------|--------------|----------------|-------------|--------------|
| Chlorophyta, Chlorococcales | 158 | 194 | 194 | 149 | 2259 | 539 | 17. | 495 | 583 | 831 | 26332 | 8. | 17. |
| Closterium aciculare | | | | | | | | | | 16 | | | 81 |
| " pronum | | | | | | | | 25 | 75 | | 17 | | |
| Cosmarium abbreviatum | | | | | | | | | | | | | |
| " phaseolus | | | | | | | | | | | | | 26 |
| Staurostrum anatinum | | 20 | | | | | | 25 | 75 | 16 | 17 | | 20 |
| Chlorophyta, Desmidiiales | | 20 | | | | | | | | | | | 46 |
| Euglena acus | | | | | 76 | | | | | 152 | 509 | | |
| " proxima | | | | | 130 | | | | | | 349 | | |
| " sp. | | | | | | | | | | | 66 | | |
| Phacus sp. | | | | 128 | | | | | | | 64 | | |
| Trachelomonas varians | 147 | | | | | | | 316 | | 505 | | | |
| " volvocina | | | | | 43 | | | 29 | | | 233 | | |
| " sp. | | 124 | | 142 | 17 | 71 | | 232 | 657 | | | | |
| Euglenophyta | 147 | 124 | 270 | 266 | 71 | 71 | | 577 | 657 | 657 | 1221 | | 8.3 |
| Desmarella moniliformis | | | | | | | | | | | | | |
| Diceras chodati | 4.8 | | | | | | | 13 | 7.2 | | | | |
| Dinobryan bavaricum + | 6.4 | 13 | | | 14 | 80 | | | | | | | 8 |
| " borgei | 34 | 15 | 129 | | | 179 | | 106 | | | 3.2 | | |
| " divergens | 342 | 1540 | | | 91 | 208 | | 210 | 17 | | | | 602 |
| " + | | | 345 | | | 1062 | | | | | 16 | | 562 |
| " suecicum | 8.4 | 8.4 | | | | 56 | | 86 | 2.0 | | | | |
| Flagellatae sp. | | | | | | 472 | | | | | | | |
| Mallomonas acaroides | | | | | | 7068 | | | | | | | |
| " akrocomos | 18 | 5.4 | | | 105 | 657 | | 2329 | | | | | 3.6 |

13.6. - 16.6.1961 4.7. - 6.7.1961.

| | Asema 1. | Asema 5. | Asema 7. | Asema 8. | Asema 17. | Asema 1. | Asema 5. | Asema 7. | Asema 8. | Asema 17. |
|----------------------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|--------------|
| Mallomonas allorgei | | | | | | | 217 | | | |
| " caudata | 468 | 187 | | 187 | 2371 | 312 | | | | 62 |
| " koronata | | | | | | | | | | |
| " producta | 56 | | 484 | 298 | 671 | | | | | 149 |
| " reginae | | | | 137 | | | | | | |
| " tonsurata | 34 | | 152 | 69 | 318 | | | | | 90 |
| Uroglena americana | | | | | | | | | | 768 |
| Chrysophyta, Chrysophyceae | 972 | 1769 | 474 | 105 | 2381 | 4079 | 11413 | 19 | 2252 | |
| Asterionella formosa | 234 | 23 | 269 | 140 | 767 | 398 | 1652 | 93 | 2859 | |
| " gracillima | | | | | 71 | | 37 | | 391 | |
| Attheya zachariasi | | | | | | 41 | | | 21 | |
| Cyclotella comta | 117 | 211 | 62 | 7.8 | 47 | 329 | 635 | 156 | 133 | |
| " meneghiniana | | | | | | | 1090 | | 117 | |
| " stelligera | 5.5 | 13 | | | | 19 | 82 | | 5.4 | |
| " sp. | 83 | 847 | | 36 | 56 | 390 | 572 | 41 | 171 | |
| Diatomae cetera | 144 | 176 | 988 | 140 | 168 | 388 | 119 | | 136 | |
| Fragillaria crotonensis | | | | | 24 | 97 | | 97 | 12 | |
| Melosira distans | 152 | 779 | 513 | 171 | 228 | 722 | 1293 | 1026 | 418 | 456 |
| " granulata | | | | | | | | 280 | | 140 |
| " " var. angustissima | | | 547 | | | | | 376 | | |
| " varians | 744 | 744 | | | | 3720 | | 1488 | | 372 |
| " spp. | 97 | 485 | 291 | 97 | 388 | 1263 | 604 | 3254 | 194 | 3691 |
| Rhizosolenia longisetata | 93 | 77 | 418 | 62 | 2507 | 541 | | | 92 | |
| Synedra acus | | | 54 | 60 | | | | | | 1.6 |
| " ulna | | | | | | | | | | 6.0 |

13.6. - 16.6.1961.

4.7. - 6.7.1961.

| | Asema 1. | Asema 5. | Asema 7. | Asema 8. | Asema 17. | Asema 1. | Asema 5. | Asema 7. | Asema 8. | Asema 17. |
|----------------------------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|--------------|
| <i>Tabellaria fenestrata</i> | 43 | | 78 | | 620 | 358 | 215 | 35 | | 731 |
| " " var. <i>asterionelloides</i> | | | | | | | | | | 907 |
| " " <i>flacculosa</i> | | | | | 26 | 65 | | | | 123 |
| Chrysophyta, Diatomaceae | 1712 | 3355 | 3220 | 714 | 4898 | 8331 | 4933 | 8448 | 1421 | 10267 |
| Chroomonas sp. | 22 | | | | | | 46 | | | 95 |
| Cryptomonas sp. | 37 | | | 222 | 2184 | 351 | 277 | 1000 | 2517 | 1718 |
| Pyrrophyta, Cryptophyceae | 59 | | | 222 | 2184 | 351 | 323 | 1000 | 2517 | 1813 |
| Ceratium hirundinella | | | | | | | 190 | | | |
| Peridinae sp. | 45 | 22 | 89 | 3113 | 403 | 627 | | | 1478 | 806 |
| Pyrrophyta, Peridineae | 45 | 22 | 89 | 3113 | 403 | 627 | 190 | | 1478 | 806 |
| Kasviplankton yhteensä | 3637 | 5725 | 4398 | 7411 | 11068 | 17268 | 20652 | 11906 | 34725 | 16048 |
| Ciliata sp. | | 610 | 1526 | 3052 | | 915 | 1204 | 457 | 18000 | 4644 |
| Laboea sp. | | 1204 | | | 2859 | | | | | 21 |
| Tintinnopsis lacustris | | | | | 64 | | | 11 | | |
| Vorticella sp. | 7155 | 137 | 894 | 1685 | 6604 | 3440 | 1238 | 2270 | 1600 | 138 |
| Ciliata | 7155 | 1951 | 2420 | 4737 | 9527 | 4355 | 2442 | 2738 | 19600 | 4803 |
| Anuraeopsis fissa | | | | | 1920 | | | | 768 | |
| Kellicottia longispina | | 276 | | | | | 1670 | | | 278 |
| Keratella stipitata | | | | | 1367 | | 150 | | | 1215 |
| Polyarthra remata | | | | | 1752 | | | | | 4555 |
| Rotatoria | | 276 | | | 5039 | | 1820 | | 768 | 6048 |
| Bosmina sp. | | | | | 23040 | | | | | 39000 |
| Diaptomus sp. | | | | | | | 164440 | | | |
| Cyclops sp. | 34680 | 17340 | | | | | 17200 | | | |
| Nauplius sp. | | | | | 952 | | | | | 1905 |
| Cladoceera ja Copepoda | 34680 | 17340 | | | 23992 | | 181640 | | | 40905 |
| Eläinplankton yhteensä | 41835 | 19567 | 2420 | 4737 | 38558 | 4355 | 185902 | 2738 | 20368 | 51756 |

15.8. - 17.8.1961

| | Asema 1.Asema | 2.Asema | 3.Asema | 4.Asema | 5.Asema | 6.Asema | 7.Asema | 8. |
|---------------------------------|---------------|---------|---------|---------|---------|---------|---------|----|
| Anabaena flos-aquae | 758 | 242 | 3640 | 91 | 212 | | | |
| " linnetica | | | | 76 | | | | |
| Aphanizomenon flos-aquae | 19 | | | | | | | |
| Aphanocapsa delicatissima | 470 | 878 | 2936 | 734 | 922 | 632 | 278 | |
| " elachista | 249 | 74 | 126 | 63 | 50 | 223 | 238 | |
| Aphanothece olathrata | 103 | 1492 | 235 | 165 | 165 | 124 | 41 | |
| Chroococcus dispersus | 6.4 | 8.5 | 4.2 | 51 | | | | |
| " limneticus | 8 | | 48 | | | | | |
| Coelosphaerium naegelianum | 148 | 98 | 65 | 65 | 148 | 65 | | |
| Dactylococcopsis sp. | | | 13 | | | | | |
| Gomphosphaeria aponina | 85 | 307 | 64 | 399 | 114 | 64 | | |
| " lacustris | 24 | | 48 | 204 | 129 | | | |
| Merismopedia glauca | 1.6 | | | | | | | |
| " tenuissima | 20 | 82 | 101 | 87 | 45 | 32 | 1.9 | |
| Microcystis aeruginosa | 1762 | | 391 | | | 1175 | | |
| Oscillatoria agardhi | 95 | | 114 | | 85 | 152 | 381 | |
| " limnetica | 1.03 | | 2.06 | | 11 | 8 | | |
| " limosa | | | | | | | 244 | |
| Phormidium dictyothallum | | 182 | | 547 | 68 | | | |
| <u>Spirulina jenneri</u> | | | | | | 180 | | |
| Cyanophyta | 3750 | 3363 | 7785 | 2317 | 1904 | 2867 | 1164 | |
| Gyromitus cordiformis | 78 | | 62 | 93 | 187 | | | |
| Chlorophyta, Protoblepharidales | 78 | | 62 | 93 | 187 | | | |

15.8. - 17.8.1961.

Asema 1. Asema 2. Asema 3. Asema 4. Asema 5. Asema 6. Asema 7. Asema 8.

| | | | | | | | |
|--------------------------------|-----|-----|-----|-----|-----|------|-------|
| Chlamydomonas sp. | 48 | 52 | 88 | 44 | 35 | 26 | 35 |
| Chlorogonium sp. | | | | | | 92 | 99 |
| Eudorina elegans | | | 36 | 147 | 18 | 36 | 147 |
| Pandorina morum | 39 | | | | | 39 | |
| Pyrobotrys elongata | | | | | | 950 | 5702 |
| <u>Spondylomorpha caudatum</u> | | | | | | | 506 |
| Chlorophyta, Volvocales | 87 | 52 | 124 | 191 | 53 | 1143 | 6489 |
| Gloeocystis planctonica | | 234 | 142 | 264 | 304 | 350 | 81 |
| Sphaerocystis Schroeteri | 21 | 331 | 36 | 253 | 82 | 95 | 48 |
| Chlorophyta, Tetrasporales | 21 | 615 | 178 | 517 | 386 | 445 | 129 |
| Actinastrum hantzschii | | | | | | 272 | 32 |
| Ankistrodesmus falcatus | 8.6 | | | | 4.8 | 12 | 0.96 |
| " " var. mirabile | 12 | 4.8 | 9.6 | 40 | 16 | 12 | 7.2 |
| " " var. setiformis | | | | | | 7.2 | 19 |
| " " var. spirilliformis | | | | 4 | | 3.2 | 6 |
| Brachionococcus chlorelloides | | | | | | | |
| Coelastrum microporum | | | | 11 | | 22 | |
| Crucigenia irregularis | 16 | 4.2 | 4.2 | | | | |
| " quadrata | 104 | 61 | 90 | 121 | 87 | 99 | 24 |
| " tetrapedia | 73 | 50 | 89 | 135 | 141 | 160 | 58 |
| " truncata | 14 | | | | | | |
| Dictyosphaerium ehrenbergianum | 28 | 249 | 288 | 83 | 12 | 16 | |
| " elegans | | | 3 | | | | |
| " pulchellum | 46 | 36 | 13 | 32 | 131 | 165 | 40684 |
| Elakatothrix gelatinosa | 19 | 7.6 | 13 | | 13 | 11 | 13 |

131

15.8. - 17.8.1961.

Asema 1. Asema 2. Asema 3. Asema 4. Asema 5. Asema 6. Asema 7. Asema 8.

| | | | | | | | | |
|------------------------------------|-----|-----|-----|-----|------|------|--|-------|
| <i>Golenkinia radiata</i> | 31 | 18 | 36 | 27 | 20 | | | |
| <i>Kirchneriella contorta</i> | | 13 | 0.9 | 25 | 2.7 | 1.8 | | |
| " <i>lunaris</i> | 21 | 38 | | | | | | 5.2 |
| " <i>obesa</i> | 0.7 | | | | | | | |
| <i>Lagerheimia longisetia</i> | | 3.4 | | | 1.28 | | | |
| <i>Nephrocytium limneticum</i> | | | 29 | 11 | | | | 14 |
| <i>Oocystis borgei</i> | 52 | 59 | 29 | 29 | 89 | 14 | | 14 |
| " <i>parva</i> | 32 | 8.6 | 10 | 46 | 34 | | | 2.1 |
| " <i>submarina</i> | | 9 | | | | | | |
| <i>Pediastrum boryanum</i> | 58 | 116 | | | | | | |
| " <i>duplex</i> | | | 22 | | | | | |
| " " <i>var. gracillimum</i> | | 19 | | | 29 | | | |
| " <i>tetras</i> | 2 | | | | 16 | | | |
| <i>Quadrigula pfitzeri</i> | | 27 | 20 | 4.8 | | | | 5.5 |
| <i>Scenedesmus acuminatus</i> | | | | | | | | 1.6 |
| " <i>arouatus</i> | | | | | | 63 | | |
| " <i>bicaudatus</i> | 1.6 | 12 | | 6 | 26 | 28 | | 14 |
| " <i>bicellularis</i> | 25 | 14 | 8.6 | 11 | 26 | 36 | | 2.5 |
| " <i>bijugata</i> | | 47 | 4.7 | 44 | 74 | 56 | | 49 |
| " <i>brasiliensis</i> | 3.1 | | | | 9 | | | |
| " <i>quadricauda</i> | 8.6 | 139 | 17 | 17 | 104 | 34 | | 104 |
| <i>Selenastrum gracile</i> | | | | | | 0.57 | | |
| <i>Tetraëdron minimum</i> | 6.3 | | 9.5 | 3.1 | 4.7 | 19 | | 1.58 |
| <i>Treubaria setigerum</i> | 3.9 | | | | | | | |
| <i>Chlorophyta, Chlorococcales</i> | 566 | 940 | 674 | 639 | 1200 | 3382 | | 41044 |

15.8. - 17.8.1961.

| | Asema 1.Asema 2.Asema 3.Asema 4.Asema 5.Asema 6.Asema 7.Asema 8. | 720 | 960 | 720 | 720 | 960 | 720 |
|------------------------------|--|-----|-----|-----|-----|-----|-----|
| <u>Mougeotia sp.</u> | | 720 | 960 | 720 | | | |
| Chlorophyta, Zygnematales | | 720 | 960 | 720 | | | |
| Closterium gracile | | | | | | | 27 |
| " macilentum | | | | | 16 | | 16 |
| Cosmarium abbreviatum | | 25 | | 37 | | | |
| " phaseolus | 3.3 | | | | | | |
| Staurastrum anatinum | 202 | 255 | 191 | 239 | 106 | | |
| " " var. curvatum | 15 | | | 22 | | | |
| " gracile | | 69 | 13 | 31 | | | |
| " jaculiferum | 35 | 20 | 45 | 45 | 20 | | |
| <u>Xanthidium antilopæum</u> | | 60 | | | | | |
| Chlorophyta, Desmidiiales | 255.3 | 275 | 249 | 374 | 142 | 43 | |
| Euglena acus | | | | | | 364 | |
| " gaumei | | | | 25 | | | |
| " proxima | | | | | 16 | | |
| " sp. | | | | 161 | 129 | | |
| Phacus sp. | | | | | | 64 | |
| Trachelomonas varians | | | | 126 | | | |
| " volvocina | | 116 | 58 | 394 | | 29 | |
| " sp. | 267 | | 53 | | | 142 | |
| Euglenophyta | 267 | 116 | 58 | 706 | 145 | 599 | |
| Chrysophaerella longispina | 33 | | | | | | |
| Desmarella moniliformis | | | | | | | |
| Diceras chodati | 2.4 | 64 | 1.2 | 1.8 | | | |
| Dinobryon bavariicum | 16 | 38 | 15 | 153 | 198 | 16 | |
| " " | 27 | 43 | 25 | 8 | | | |

15.8. - 17.8.1961.

Asema 1. Asema 2. Asema 3. Asema 4. Asema 5. Asema 6. Asema 7. Asema 8.

| | 190 | 26 | 224 | 41 | 41 | 441 | 371 | 43 |
|----------------------------|------|------|------|------|------|------|------|-----|
| Dinobryon divergens. | 190 | 26 | 224 | 41 | 41 | 441 | 371 | 43 |
| " " + | 100 | 259 | 129 | 92 | 56 | 62 | 86 | |
| " sociale | | | 124 | | | | | |
| " " + | | | | | | | | |
| Flagellatae sp. | | | 807 | 550 | | | | |
| Mallomonas acaroides | | | 669 | 595 | 892 | 111 | | |
| " akrokomas | 110 | 80 | 343 | 355 | 234 | 98 | | |
| " allorgei | 136 | 54 | 190 | 81 | 924 | 428 | 54 | 54 |
| " caudata | 1185 | 1216 | 1580 | 2006 | 577 | 1368 | | 152 |
| " koronata | 108 | | 100 | | | | | |
| " producta | 205 | | 372 | 1081 | 354 | 475 | 74 | 37 |
| " reginae | | 196 | 334 | 235 | 88 | 103 | | |
| " tonsurata | 186 | 249 | 745 | 539 | 269 | 93 | | |
| Synura uvella | 470 | 376 | 1506 | 1318 | | 2119 | | |
| " " soluja | | | 15 | | | 19 | | |
| Uroglena americana | | 48 | 96 | 144 | | | | |
| Chrysophyta, Chrysophyceae | 2768 | 2508 | 7379 | 7103 | 3444 | 5471 | 783 | 302 |
| Asterionella formosa | 3580 | 1207 | 2051 | 761 | 328 | 1423 | 2244 | 351 |
| " gracillima | 365 | 931 | 3277 | 919 | 227 | 2485 | 633 | |
| Attheya zachariasii | 456 | 2239 | 1119 | 1078 | 207 | 2550 | 2322 | 207 |
| Cyclotella comta | | 156 | 250 | 333 | 149 | 235 | 62 | 31 |
| " meneghiniana | | | | | 184 | 327 | | |
| " stelligera | 13 | 33 | 22 | 60 | 11 | 53 | 16 | 11 |
| " sp. | 390 | 83 | 72 | 135 | 468 | | | |
| Diatomae cetera | 136 | 64 | 56 | 88 | 181 | 294 | 72 | 72 |
| Fragillaria crotonensis | 292 | | 340 | 73 | | 255 | 194 | |

15.8. - 17.8.1961.

| | Asema 1. | Asema 2. | Asema 3. | Asema 4. | Asema 5. | Asema 6. | Asema 7. | Asema 8. |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Melosira distans | 5381 | 3594 | 5647 | 6427 | 2020 | 10211 | 3194 | 228 |
| " granulata | 140 | 655 | 280 | | 280 | 4775 | 1872 | 187 |
| " " var. angustissima | | | | | | | 684 | |
| " varians | 744 | 4837 | 2976 | 2604 | 744 | 3628 | 744 | |
| " spp. | 194 | 1408 | 194 | 485 | 121 | 59202 | 20013 | 2234 |
| Rhizosolenia longiseta | 665 | 2507 | 4597 | 1083 | 356 | 1184 | 804 | 93 |
| Synedra acus | 54 | | 20 | 1.7 | 3.3 | 50 | 3.3 | 3.3 |
| " " var. angustissima | | | | | | 27 | 16 | |
| " berolinensis | | 47 | | | | | 67 | |
| " ulna | | 6.2 | | 12.4 | | | 6.2 | |
| Tabellaria fenestrata | 272 | 953 | 1462 | 2387 | 405 | 150 | 136 | 559 |
| " " var. asterionelloides | 150 | 885 | 607 | 682 | 228 | 2132 | 300 | |
| " " flocculosa | | 163 | 39 | 140 | | | | 65 |
| Chrysophyta, Diatomeae | 12832 | 19768 | 23009 | 17269 | 5912 | 88981 | 33382 | 4041 |
| Chroomonas sp. | | | 127 | 56 | | | | 45 |
| Cryptomonas sp. | 777 | 2499 | 24990 | 6405 | 592 | 610 | 888 | 15105 |
| Pyrrophyta, Cryptophyceae | 777 | 2499 | 25117 | 6461 | 592 | 610 | 888 | 15150 |
| Ceratium hirundinella | 763 | 953 | 1621 | 1955 | 3004 | 71 | | |
| Peridinae sp. | 358 | 268 | 224 | 582 | 358 | 235 | | 2531 |
| Pyrrophyta, Peridineae | 1121 | 1221 | 1845 | 2537 | 3362 | 306 | | 2531 |
| Kasviplankton yhteensä | 22522 | 31357 | 64375 | 42967 | 18060 | 100904 | 42940 | 71492 |
| Ciliata sp. (iso) | 1831 | | 305 | | 1220 | 1373 | 1831 | 992 |
| Laboea sp. | 2408 | 172 | 989 | 559 | 430 | 4042 | | |
| Tintinnidium fluviatile | | 63 | 63 | 47 | | | | |
| Tintinnopsis lacustris | | 129 | 691 | 129 | | | | |

1 135 1

15.8. - 17.8.1961.

| | Asema 1. | Asema 2. | Asema 3. | Asema 4. | Asema 5. | Asema 6. | Asema 7. | Asema 8. |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| <u>Vorticella</u> sp. | 1788 | 1995 | 2270 | 791 | 550 | 1238 | 10320 | 2062 |
| Ciliata | 6027 | 2359 | 4318 | 1526 | 2200 | 7949 | 12151 | 3054 |
| Anuraeopsis fissa | 768 | | | | | | | 15744 |
| Kelliocotia longispina | | 1113 | 556 | 835 | 1113 | 835 | | |
| Keratella stipitata | 304 | 304 | 304 | 304 | 304 | 1594 | 304 | |
| Polyarthra remata | 1752 | 700 | 2102 | 1051 | 2102 | 3679 | | |
| " vulgaris | | 1479 | | | | | | |
| <u>Trichoceroa rousseleti</u> | 143 | 572 | 2288 | | | | | |
| Rotatoria | 2967 | 4168 | 5250 | 2929 | 3519 | 6108 | 304 | 15744 |
| Bosmina sp. | | 46080 | | | | | | |
| Daphnia sp. | | | | | 78000 | | | |
| Cyclops sp. | | | 34688 | 69376 | 17344 | | | |
| Diaptomus sp. | 164440 | 328880 | | | 328880 | 493320 | | |
| <u>Nauplius</u> sp. | | 5715 | | | | | | |
| Cladocera ja Copepoda | 164440 | 380675 | 34688 | 69376 | 424224 | 493320 | | |
| Eläinplankton yhteensä | 172666 | 387202 | 44256 | 73831 | 429943 | 507377 | 12455 | 18798 |

15.8. - 17.8. 1961.

| | Asema 9. | Asema 10. | Asema 11. | Asema 12. | Asema 13. | Asema 14. | Asema 15. | Asema 16. |
|--|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <i>Planctomyces condensatus</i> | 2.3 | | | | | | | |
| <i>Bacterio phyta</i> | 2.3 | | | | | | | |
| <i>Anabaena flos-aquae</i> | 91 | | | | | | | 121 |
| <i>Aphanizomenon flos-aquae</i> | | 77 | | 38 | | | | 116 |
| <i>Aphanocapsa delicatissima</i> | 43 | | | 1547 | 1171 | 1128 | 1269 | 781 |
| " <i>elachista</i> | 150 | 89 | 323 | 253 | 148 | 89 | 89 | 22 |
| <i>Aphanothece clathrata</i> | 55 | | | | 27 | | | 559 |
| <i>Chroococcus dispersus</i> | | | | | 8.5 | | 25 | |
| " <i>limneticus</i> | | | | | | | | 242 |
| <i>Coelosphaerium naegelianum</i> | 263 | | | | 263 | | 98 | |
| <i>Gomphosphaeria aponina</i> | 114 | | 42 | | | 114 | | 171 |
| <i>Merismopedia tenuissima</i> | 1.5 | 2 | | | 1 | 1.2 | | |
| <i>Microcystis aeruginosa</i> | | | | 783 | | | | |
| <i>Oscillatoria agardhi</i> | 76 | | | | 76 | 114 | | 266 |
| " <i>limnetica</i> | 90 | 41 | 24 | 8.2 | | 12 | | |
| <i>Phormidium dictyothallum</i> | | | | | 121 | | 61 | 38 |
| <i>Spirulina jenniferi</i> | 361 | 45 | | | | | | |
| <i>Cyanophyta</i> | 1244 | 254 | 389 | 2629 | 1815 | 1458 | 1542 | 2316 |
| <i>Cyromitus cordiformis</i> | | 62 | | 1752 | 438 | 1689 | 813 | 31 |
| <i>Chlorophyta, Protoblepharidales</i> | | 62 | | 1752 | 438 | 1689 | 813 | 31 |
| <i>Chlamydonas sp.</i> | 1179 | 105 | 404 | 140 | 316 | 598 | 1108 | 123 |
| <i>Chlorogonium sp.</i> | 132 | 13 | | | | | 26 | |

15.8. - 17.8.1961.

| | Asema 9. | Asema 10. | Asema 11. | Asema 12. | Asema 13. | Asema 14. | Asema 15. | Asema 16. |
|---------------------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <i>Eudorina elegans</i> | | | | | 37 | 110 | | 37 |
| <i>Pandorina morum</i> | | | | | 19 | | | 19 |
| <i>Pyrobotrys elongata</i> | 5702 | 1267 | | | | | | |
| <i>Spondylomorum caudatum</i> | 289 | | | | | | | |
| <i>Chlorophyta, Volvocales</i> | 7302 | 1385 | 404 | 140 | 372 | 598 | 1244 | 179 |
| <i>Gloocystis planctonica</i> | | | 81 | 40 | 122 | 162 | 203 | 61 |
| <i>Sphaeroocystis schroeteri</i> | 117 | 58 | 78 | 253 | 97 | | 136 | 9 |
| <i>Chlorophyta, Tetrasporales</i> | 117 | 58 | 159 | 293 | 219 | 162 | 339 | 70 |
| <i>Actinastrum hantzschii</i> | | 129 | 64 | | | | | |
| <i>Ankistrodesmus convolutus</i> | | 1.8 | 5.4 | | | | 52 | 8.2 |
| " <i>falcatus</i> | | 3.8 | 7.6 | | | | | |
| " " <i>var. mirabile</i> | 92 | 10 | 4.8 | 1.6 | 4.8 | 6.4 | 22 | 14 |
| " " <i>var. setiformis</i> | 17 | 13 | 17 | 1.9 | 3.8 | | | |
| " " <i>var. spirilliformis</i> | 13 | 6.2 | 9.8 | 13 | 13 | 15 | 9.6 | 27 |
| <i>Brachionococcus chlorelloides</i> | 167 | 143 | 48 | 29 | 11 | | 9 | 0.64 |
| <i>Coelastrum microporum</i> | | | 33 | 55 | | | 33 | |
| <i>Crucigenia quadrata</i> | 22 | 13 | 75 | 106 | 79 | 28 | 66 | 61 |
| " <i>tetrapedia</i> | 57 | 28 | 214 | 64 | 100 | 78 | 50 | 50 |
| <i>Dictyosphaerium ehrenbergianum</i> | 1771 | 192 | 320 | 57 | 89 | | 800 | |
| " <i>elegans</i> | | 6.1 | 12 | 12 | | | 6.1 | 6.1 |
| " <i>pulchellum</i> | 6003 | 28916 | 2267 | 295 | 903 | 2066 | 2322 | 156 |
| <i>Elakatothrix gelatinosa</i> | | | | | 7.6 | 9.6 | 19 | 25 |
| <i>Francoea droeseana</i> | | | | | | | | 5.6 |
| <i>Golenkinia radiata</i> | | | | | | 45 | 27 | 18 |
| <i>Kironeriella contorta</i> | | | 15 | | | | 1.8 | |
| <i>Micractinium pusillum</i> | | | 13 | 20 | 60 | 30 | 159 | |

15.8. -- 17.8.1961.

| | Asema 9. | Asema 10. | Asema 11. | Asema 12. | Asema 13. | Asema 14. | Asema 15. | Asema 16. |
|------------------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <i>Nephrocytium limneticum</i> | 29 | 15 | | | | | | 67 |
| <i>Oocystis borgei</i> | | | 208 | 89 | 59 | 104 | 119 | 74 |
| " <i>parva</i> | 4.3 | 8.6 | 21 | | 8.6 | 34 | 17 | |
| " <i>submarina</i> | | | | | | 13 | | |
| <i>Pediastrum boryanum</i> | 58 | | | | 58 | | 58 | |
| " <i>duplex</i> | | | 44 | 88 | | | | |
| " <i>var. gracillimum</i> | | | 20 | | | | 99 | |
| " <i>tetras</i> | | | | | | 8 | | |
| <i>Quadrigula pfitzeri</i> | | | | | 22 | | | |
| <i>Soenedesmus acuminatus</i> | | | 0.8 | | 12 | 3.2 | | |
| " <i>arcuatus</i> | 25 | | | | | 25 | | |
| " <i>armatus</i> | | 9.4 | | | | | | 1 |
| " <i>var. bicaudatus</i> | 38 | 6.4 | 70 | 12 | 38 | 64 | 83 | 12 |
| " <i>bicellularis</i> | 15 | 2.8 | 9 | 11 | 26 | 23 | 24 | 35 |
| " <i>bijuca</i> | 47 | 56 | 18 | 28 | 9.4 | 14 | 9.4 | 4.7 |
| " <i>brasiliensis</i> | | | | 6.2 | 12 | | | |
| " <i>quadricauda</i> | 243 | 69 | 486 | 243 | 104 | 139 | 347 | 69 |
| <i>Selenastrum gracile</i> | 26 | | 28 | | 15 | | | |
| <i>Tetraëdron minimum</i> | 6.3 | | | | | | | |
| <i>Chlorophyta, Chlorococcales</i> | 8627 | 29578 | 4010 | 1131 | 1635 | 2705 | 4333 | 633 |
| <i>Closterium aciculare</i> | | | | | | | 40 | |
| " <i>acutum var. variabile</i> | 1.9 | 5.8 | 9.8 | 9.8 | 35 | | 282 | |
| " <i>gracile</i> | | | | 70 | | | 125 | |
| " <i>kützingianum</i> | | | | | | | 98 | |
| " <i>macilentum</i> | 16 | | 16 | | | 32 | | |
| " <i>prorum</i> | | | 16 | 16 | 8 | | 40 | 8 |

15.8. - 17.8.1961.

| | Asema 9. | Asema 10. | Asema 11. | Asema 12. | Asema 13. | Asema 14. | Asema 15. | Asema 16. |
|----------------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <i>Cosmarium abbreviatum</i> | | 12 | | | | | | |
| " <i>contractum</i> | | | 14 | | | | | 6.6 |
| " <i>phaseolus</i> | | | | | | | | |
| <i>Staurostrum anatinum</i> | 21 | 21 | 21 | | 42 | 42 | 21 | |
| " <i>jaculiferum</i> | | 10 | | | | | | 30 |
| <i>Chlorophyta, Desmidiiales</i> | 38 | 48 | 62 | 95 | 99 | 74 | 608 | 44 |
| <i>Euglena acus</i> | 714 | 76 | 611 | 45 | | | | |
| " <i>gaumei</i> | 25 | 12 | | | | | | |
| " <i>proxima</i> | | | | | 16 | | 16 | |
| " <i>sp.</i> | 517 | | | | | | 32 | |
| <i>Phacus sp.</i> | | 64 | | 128 | | 16 | | |
| <i>Trachelomonas varians</i> | | | | 252 | | | | |
| " <i>volvocina</i> | | | | | | 116 | 467 | |
| " <i>sp.</i> | | 71 | | | | | | |
| <i>Euglenophyta</i> | 1256 | 223 | 61 | 425 | 16 | 132 | 515 | |
| <i>Desmarella moniliformis</i> | 33 | 117 | 703 | 587 | 133 | 836 | 184 | 83 |
| <i>Diceras chodati</i> | | | | | 2.4 | | | 2.4 |
| <i>Dinobryon bavaricum</i> | | | | | 68 | | 26 | 123 |
| " " + | 19 | | 12 | 25 | 43 | | | 129 |
| " <i>behningi</i> | 12 | 179 | 12 | 38 | | 6.4 | | |
| " <i>divergens</i> | 9.6 | 32 | 148 | 177 | 352 | 60 | 92 | 231 |
| " " + | 96 | | 39 | 64 | 302 | 230 | 43 | 259 |
| <i>Flagellatae sp.</i> | 3196 | | | | 440 | | 293 | 587 |
| <i>Mallomonas acaroides</i> | | | 2380 | 2083 | 595 | | 595 | |
| " <i>akrocomos</i> | | | 29 | 50 | 72 | 61 | 65 | 80 |
| " <i>caudata</i> | | | 3619 | 2620 | 4492 | 1872 | 4617 | 1185 |

15.8. - 17.8.1961.

| | Asema 9. | Asema 10. | Asema 11. | Asema 12. | Asema 13. | Asema 14. | Asema 15. | Asema 16. |
|---|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <i>Mallomonas</i> <i>koronata</i> | | | 333 | 700 | 100 | | | |
| " <i>producta</i> | | | 522 | | 74 | 782 | | 260 |
| " <i>reginae</i> | | | 471 | 432 | 78 | 275 | 353 | 510 |
| " <i>tonsurata</i> | | | 442 | 719 | 1356 | 262 | 415 | 124 |
| <i>Synura</i> <i>uvella</i> | 2072 | | 12243 | 22415 | 28820 | 3055 | 17141 | 2260 |
| " (soluja) | | | | 428 | 355 | 304 | 30 | 11 |
| <i>Uroglena</i> <i>americana</i> | | | | | | | | 528 |
| <i>Chrysophyta</i> , <i>Chrysophyceae</i> | 5437 | 328 | 20953 | 30338 | 37282 | 8643 | 23854 | 6372 |
| <i>Asterionella</i> <i>formosa</i> | 93 | 46 | 2508 | 961 | 1406 | 1289 | 8860 | 2308 |
| " <i>gracillima</i> | 126 | | 193 | 193 | 193 | 1430 | 901 | 193 |
| <i>Attheya</i> <i>zachariasi</i> | 165 | 497 | 165 | | | 497 | | 580 |
| <i>Cyclotella</i> <i>comta</i> | 94 | 62 | | | | 31 | | 31 |
| " <i>meneghiniana</i> | | | 268 | | | 33 | 201 | |
| " sp. | | | | 21 | 62 | | | 1 |
| <i>Diatomae</i> <i>cetera</i> | 112 | | | 32 | 32 | | | 33 |
| <i>Fragillaria</i> <i>orotonensis</i> | | | 97 | | 146 | 632 | 681 | 632 |
| <i>Melosira</i> <i>distans</i> | 228 | 532 | 304 | 228 | 380 | 722 | 1026 | 342 |
| " <i>granulata</i> | 93 | 374 | 18728 | 4588 | 1779 | 17417 | 63207 | 3769 |
| " var. <i>angustissima</i> | | 273 | 1095 | 821 | 230 | 547 | 2122 | 1164 |
| " <i>varians</i> | | 744 | 1116 | 1860 | 744 | 5953 | 9675 | 2976 |
| " spp. | 1408 | 1214 | 84522 | 45224 | 26959 | 35557 | 127512 | 4274 |
| <i>Rhizosolenia</i> <i>longiseta</i> | | 123 | 123 | 61 | 1253 | 340 | 3343 | 7941 |
| <i>Synedra</i> <i>acus</i> | 10 | 10 | 67 | 50 | 20 | 67 | 107 | 27 |
| " var. <i>angustissima</i> | | | 10 | | 10 | 49 | 81 | |
| " <i>berolinensis</i> | 47 | 6.7 | | 0.8 | | | | |
| " <i>ulna</i> | | | 78 | 74 | 67 | 231 | 201 | 37 |

15.8. - 17.8.1961.

| | Asema 9. | Asema 10. | Asema 11. | Asema 12. | Asema 13. | Asema 14. | Asema 15. | Asema 16. |
|----------------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <i>Tabellaria fenestrata</i> | | 100 | 265 | 129 | 250 | 888 | 2602 | 2501 |
| " var. <i>asterionelloides</i> | 50 | | 357 | 57 | 300 | 1586 | 521 | 893 |
| " <i>flocculosa</i> | | | 723 | 195 | 65 | 313 | 684 | 150 |
| <i>Chrysophyta, Diatomeae</i> | 2426 | 3981 | 110619 | 54302 | 33905 | 67582 | 221724 | 27901 |
| <i>Chroomonas</i> sp. | | 82 | 82 | 1930 | 1668 | 144 | 1036 | 126 |
| <i>Cryptomonas</i> sp. | 62478 | 13402 | 161890 | 412354 | 289388 | 34538 | 224920 | 12995 |
| <i>Pyrrophyta, Cryptophyceae</i> | 62478 | 13484 | 161972 | 414284 | 291056 | 34682 | 225956 | 13121 |
| <i>Ceratium hirundinella</i> | | | | | 95 | | | 1144 |
| <i>Peridinae</i> sp. | | 1612 | 448 | 358 | 716 | 582 | 716 | 1568 |
| <i>Pyrrophyta, Peridineae</i> | | 1612 | 448 | 358 | 716 | 677 | 716 | 2712 |
| <i>Kasviplankton yhteensä</i> | 88925 | 51013 | 324645 | 505747 | 367553 | 118402 | 481644 | 53379 |
| <i>Ciliata</i> sp. (iso) | 1984 | 763 | | | 610 | | 2746 | 610 |
| <i>Laboea</i> sp. | | | 5160 | 4472 | 1720 | 8428 | 559 | 688 |
| <i>Tintinnidium fluviatile</i> | | | | | 1305 | | 541 | 95 |
| <i>Tintinnopsis lacustris</i> | | | | | 43 | 172 | 129 | 129 |
| <i>Vorticella</i> sp. | 6536 | 756 | 2820 | 1513 | 4196 | 1720 | 2752 | 1720 |
| <i>Ciliata</i> | 8520 | 1519 | 7980 | 5985 | 7874 | 10320 | 6727 | 3242 |
| <i>Anuraeopsis fissa</i> | 8448 | 25344 | 768 | 768 | 1536 | 3840 | 768 | |
| <i>Kellicottia longispina</i> | | | | | 556 | | 556 | 556 |
| <i>Keratella stipitata</i> | | | 303 | | 303 | 607 | 1215 | 1215 |
| <i>Polyarthra remata</i> | | | 700 | | 1402 | 2102 | 3504 | 7709 |
| " <i>vulgaris</i> | | | 2960 | | 1480 | | 11837 | 10360 |
| <i>Trichocerca rousseleti</i> | | | 3718 | 858 | | 572 | 2002 | 1144 |
| <i>Rotatoria</i> | 8448 | 25344 | 8449 | 1626 | 5277 | 7121 | 19882 | 20984 |

15.8. - 17.8.1961.

| | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema |
|------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | |
| Daphnia sp. | | | 78000 | | 78000 | | | 78000 |
| Cyclops sp. | | | | 34688 | | | | 104060 |
| Nauplius sp. | | 3810 | 5715 | 17146 | 1905 | | | 1905 |
| Cladacera ja Copepoda | | 3810 | 83715 | 51834 | 79905 | | | 183965 |
| Eläinplankton yhteensä | 16968 | 26863 | 20239 | 91326 | 64985 | 97346 | 26609 | 208191 |

| 15.8. - 17.8.1961. | Asema | Asema | Asema | Asema |
|---------------------------------|-------|-------|-------|-------|
| Anabaena flos aquae | 242 | 91 | 60 | 121 |
| Aphanizomenon flos-aquae | | 77 | | |
| Aphanocapsa delicatissima | 542 | 310 | 1113 | 1258 |
| " elachista | 22 | 37 | 59 | 44 |
| Aphanothece olathrata | | 110 | 110 | 14 |
| Chroococcus dispersus | | | 4.2 | 8.5 |
| Coelosphaerium naegelianum | 131 | 164 | 131 | 362 |
| Gomphosphaeria aponina | | 57 | 85 | 185 |
| " lacustris | 144 | | | 42 |
| Merismopedia tenuissima | | 2.3 | 12 | 7.1 |
| Oscillatoria agardhi | | 266 | 571 | 38 |
| Phormidium diotythallum | 182 | 212 | | |
| Cyanophyta | 1263 | 1286 | 2145 | 2079 |
| Gyromitus cordiformis | 845 | 62 | 62 | 31 |
| Chlorophyta, Protoblepharidales | 845 | 62 | 62 | 31 |
| Chlamydomonas sp. | 140 | 220 | 70 | 176 |
| Eudorina elegans | 36 | | 36 | |
| Pandorina morum | 39 | 19 | | |
| Chlorophyta, Volvocales | 215 | 239 | 106 | 176 |
| Gloeocystis planctonica | 20 | | | 20 |
| Sphaerocystis schroeteri | 136 | 19 | 9.7 | |
| Chlorophyta, Tetrasporales | 156 | 19 | 9.7 | 20 |
| Ankistrodesmus falcatius | 4.8 | | | |
| " " var.mirabilis | 10 | 2.4 | 5.6 | 1.6 |
| " " var.spiriliformis | 11 | 8.8 | 14 | 3.2 |
| Coelastrum microporum | | 44 | 88 | |
| Crucigenia irregularis | 6.4 | 2.1 | | 2.1 |
| " quadrata | 31 | 22 | 11 | |
| " tetrapedia | 3.5 | 3.5 | 10 | 7.1 |
| Dictyosphaerium pulchellum | 350 | 239 | 27 | 13 |
| Elakatothrix gelatinosa | | | 11 | 1.9 |
| Franceia droescheri | | | 5.6 | |
| Golenkinia radiata | 63 | 9 | | 9 |
| Kirchneriella contorta | | | 3.7 | |

| 15.8. - 17.8.1961. | Asema 17. | Asema 18. | Asema 19. | Asema 20. |
|-------------------------------------|--------------|--------------|--------------|--------------|
| Lagerheimia longiseta | | | 1.7 | |
| Micractinium pusillum | | 13 | 3.3 | |
| Oocystis borgei | 74 | 44 | 29 | 14 |
| " parva | 2.1 | 6.4 | 2.1 | |
| Pediastrum boryanum | 29 | | | |
| " duplex | | 88 | 88 | |
| " " var. gracillimum | 10 | 20 | | |
| " tetras | | | 16 | |
| Quadrigula pfitzeri | | | 5.5 | |
| Scenedesmus armatus var. bicaudatus | 3.2 | 9.6 | 3.2 | |
| " bicellularis | 15 | 6.4 | 28 | 8.6 |
| " bijuga | 9.4 | | 4.7 | 4.7 |
| " quadricauda | 52 | 69 | 52 | 17 |
| Tetraëdron minimum | | | 6.3 | 3.1 |
| Treubaria setigerum | 1 | | 7.8 | |
| Chlorophyta, Chlorococcales | 675 | 587 | 423 | 83 |
| Closterium kützingianum | 63 | | | |
| " macilentum | 16 | | | |
| " pronum | | | 8 | |
| Cosmarium abbreviatum | | | 12 | 25 |
| Staurastrum anatinum | 21 | 42 | 21 | 21 |
| " jaculiferum | | | 20 | 10 |
| Chlorophyta, Desmidiiales | 100 | 42 | 61 | 56 |
| Euglena sp. | 64 | | | |
| Trachelomonas sp. | 71 | | | 35 |
| Euglenophyta | 135 | | | 35 |
| Chryso-sphaerella longispina | | | | 33 |
| Desmarella moniliformis | 41 | | 8 | |
| Diceras chodati | | | 32 | |
| Dinobryon bavaricum | 30 | 38 | 131 | 260 |
| " " + | 6 | 64 | 108 | 25 |
| " borgei + | | | | 5.6 |
| " divergens | 147 | 260 | 102 | 268 |
| " " + | 118 | 43 | 172 | 112 |
| " sociale | | | 52 | |
| " " + | | 43 | | |

| 15.8. - 17.8.1961. | Asema 17. | Asema 18. | Asema 19. | Asema 20. |
|----------------------------|--------------|--------------|--------------|--------------|
| Dinobryon succicum | | | | 8.4 |
| Flagellatae sp. | | 543 | 183 | 67 |
| Mallomonas akrokomos | | 14 | 3.6 | |
| " caudata | | 873 | 124 | |
| " producta | 857 | 111 | 186 | 37 |
| " reginae | | 255 | 98 | 19 |
| Mallomonas tonsurata | 207 | 124 | 69 | 27 |
| Synura uvella | 3202 | 2072 | 1318 | 753 |
| Uroglena americana | | 720 | 576 | |
| Chrysophyta, Chrysophyceae | 4608 | 5160 | 3162 | 1614 |
| Asterionella formosa | 3434 | 3070 | 2208 | 1230 |
| " gracillima | 238 | 141 | 52 | 223 |
| Attheya zachariasi | 83 | 331 | 560 | 83 |
| Cyclotella comta | 109 | 141 | 203 | 62 |
| " meneghiniana | | 33 | | |
| " stelligera | | 16 | 16 | |
| " sp. | 72 | 62 | 31 | 83 |
| Diatomae cetera | 80 | 88 | 176 | 40 |
| Fragillaria crotonensis | 705 | 389 | 48 | |
| Melosira distans | 1369 | 228 | 304 | 304 |
| " granulata | 12080 | 7772 | 1872 | |
| " var.angustissima | 633 | 342 | 240 | |
| " varians | 3350 | 3350 | 744 | |
| " spp. | 34003 | 11318 | 2720 | 874 |
| Rhizosolenia longiseta | 1052 | 2090 | 8360 | 1331 |
| Synedra acus | 33 | 30 | 16 | |
| " " var.angustissima | 14 | | | |
| " ulna | | 59 | 74 | 59 |
| Tabellaria fenestrata | 2662 | 1584 | 1039 | 258 |
| " " var.asterionelloides | 314 | 664 | 207 | 142 |
| " flocculosa | 205 | 234 | 45 | |
| Chrysophyta, Diatomeae | 60436 | 31942 | 19015 | 4689 |
| Chroomonas sp. | | 404 | 328 | 123 |
| Cryptomonas sp. | 21992 | 23991 | 9996 | 740 |
| Pyrrophyta, Cryptophyceae | 21992 | 24395 | 10324 | 863 |

| 15.8. - 17.8.1961. | Asema 17. | Asema 18. | Asema 19. | Asema 20. |
|-------------------------------|--------------|--------------|--------------|--------------|
| Ceratium hirundinella | 190 | 95 | 667 | 190 |
| <u>Peridinae sp.</u> | 582 | 1814 | 2240 | 5107 |
| <u>Pyrrophyta, Peridincae</u> | 772 | 1909 | 2907 | 5297 |
| Kasviplankton yhteensä | 91197 | 65641 | 38214 | 14943 |
| | | | | |
| Ciliata sp. (iso) | | 763 | 305 | 152 |
| Laboea sp. | 860 | 215 | 560 | |
| Tintinnidium fluviatile | | 31 | | |
| Tintinnopsis lacustris | | | 43 | 43 |
| Vorticella sp. | 275 | 1995 | 1169 | 550 |
| <u>Ciliata</u> | 1135 | 3004 | 2007 | 745 |
| Anuraeopsis fissa | 2688 | | 768 | |
| Asplanchna sp. | | | | |
| Kellicottia longispina | 556 | | 556 | |
| Keratella stipitata | 303 | | 303 | 303 |
| Polyarthra remata | 4205 | 2102 | 4205 | 3504 |
| " vulgaris | 2220 | | 1480 | |
| <u>Trichocerca rotundata</u> | 1001 | 286 | 858 | 858 |
| <u>Rotatoria</u> | 10973 | 2388 | 8170 | 4665 |
| Daphnia sp. | 78000 | 78000 | | |
| Diaptomus sp. | | | | 328880 |
| Nauplius sp. | 1905 | | | |
| <u>Cladocera ja Copepoda</u> | 79905 | 78000 | | 328880 |
| <u>Eläinplankton yhteensä</u> | 92013 | 83392 | 10247 | 334290 |

5.7. - 6.7.1962.

| | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. |
| Anabaena flos-aquae | 970 | 1061 | 1668 | 2730 | 91 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| " limnetica | | | | | | 28 | | | | | | |
| Aphanizomenon flos-aquae | 29 | | 14 | | | | | | | | | 48 |
| Aphanocapsa delicatissima | 115 | 267 | 137 | 817 | 202 | 809 | 72 | 434 | | | | |
| " elachista | 14 | 29 | 14 | 22 | | 44 | | | | | | |
| Aphanothece clathrata | | | | | 276 | | | | | | | |
| Chroococcus dispersus | | | | | | | | | | | 17 | |
| Coelosphaerium naegelianum | 33 | 33 | 49 | | | 263 | | | | | | |
| Gomphospaeria aponina | | | | 171 | 114 | | | | | | | |
| Merismopedia tenuissima | | 1.0 | | 1.5 | | 6.1 | | | | | | |
| Microcystis aeruginosa | | | | | | 783 | | | | | | |
| Oscillatoria agardhi | 152 | 38 | 38 | | | 95 | | | | | | |
| " limnetica | | | | | | 16 | | 66 | 16 | 41 | | |
| " limosa | | | | | 183 | 224 | | | | | | |
| Phormidium dictyothallum | 60 | | | 243 | 425 | 350 | | | | 304 | | |
| Spirulina jenneri | | | | | 90 | | | | | | | |
| Cyanophyta | 1373 | 1429 | 1920 | 3741 | 1381 | 1269 | 105 | 887 | | | | |
| Gyromitus cordiformis | | 31 | 31 | 31 | 125 | 62 | | | | | | |
| Chlorophyta, Prorocentrales | | 31 | 31 | 31 | 125 | 62 | | | | | | |
| Chlamydomonas sp. | | 35 | | 35 | 123 | 246 | 176 | 475 | | | | |
| Chlorogonium sp. | | | | | 13 | 53 | | | | | | |

5.7. -- 6.7. 1962.

| | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1. | 2. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | | | |
| <i>Eudorina elegans</i> | | 18 | | | 18 | | | | | | | 36 |
| Chlorophyta, Volvocales | | 53 | | 35 | 141 | | 259 | 176 | 564 | | | |
| <i>Gloeoecystis planctonica</i> | 81 | 40 | 20 | 20 | 81 | 284 | 121 | | 203 | | | |
| <i>Ephaerocystis schroeteri</i> | | 29 | 19 | 29 | 19 | | 19 | | 19 | | | |
| Chlorophyta, Tetrasporales | 81 | 69 | 39 | 49 | 100 | 284 | 140 | | 222 | | | |
| <i>Actinastrum hantzschii</i> | | | | | | | 64 | 8 | 16 | | | |
| <i>Ankistrodesmus falcoatus</i> | | 16 | 4 | 7.6 | 4 | 11 | 9.6 | | 21 | | | |
| " var. <i>mirabile</i> | | | | 69 | | 53 | 34 | 2 | 36 | | | |
| " var. <i>setiformis</i> | | | | | | | | | | | | |
| " var. <i>spiriliformis</i> | 19 | 20 | 9.6 | 11 | 9.6 | 75 | 262 | 107 | 201 | | | 1 |
| <i>Brachionococcus chlorelloides</i> | | 44 | | | | 6.4 | 5.1 | | 3.2 | | | 149 |
| <i>Coelastrum microporum</i> | | | | | | 8 | | | | | | 1 |
| <i>Crucigenia irregularis</i> | | | | | | | | | | | | |
| " <i>quadrata</i> | 8.8 | | | 17 | 1.8 | 8.8 | 26 | | | | | |
| " <i>tetrapedia</i> | 21 | 20 | 25 | 46 | 28 | 28 | | | 35 | | | |
| <i>Dictyosphaerium pulchellum</i> | 55 | 4.6 | | | 18 | 240 | 156 | 55 | 405 | | | |
| <i>Flakatothrix gelatinosa</i> | 15 | 17 | 11 | 9.6 | | | 7.6 | 3.8 | 11 | | | |
| <i>Franceia droescheri</i> | | | | | 56 | | | | | | | |
| <i>Golenkinia radiata</i> | 18 | 18 | | 9 | | 18 | | | | | | |
| <i>Kirchneriella contorto</i> | | | | 5.5 | | | | | | | | 10.5 |
| " <i>lunaris</i> | | | | | | | | | | | | 8.6 |
| <i>Oocystis parva</i> | 4.3 | 8.6 | 4.3 | 6.4 | | | | | | | | |
| <i>Pediastrum boryanum</i> | | 87 | | | | | | | | | | |
| " <i>tetras</i> | | | | | | 8 | | 4 | 4 | | | |
| <i>Scenedesmus armatus</i> var. <i>bicaudatus</i> | | | | | | | | | | | | |
| " <i>biocellularis</i> | 43 | 37 | 20 | 22 | 13 | 14 | 21 | 19 | 12 | 20 | 27 | |

5.7. - 6.7.1962.

| | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema |
|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1. | 2. | 4. | 5. | 6. | 7. | 8. | 9. | 10. |
| <i>Scenedesmus bijuga</i> | 4.7 | 4.7 | 4.7 | 4.7 | 9.4 | | 18 | | 28 |
| " <i>brasiliensis</i> | 9.4 | | | 3.1 | | | | | |
| " <i>quadricauda</i> | 69 | | 34 | 17 | | | 69 | 69 | 173 |
| <i>Tetraedron minimum</i> | 6.3 | | | 3.1 | | | | | 6.3 |
| <i>Chlorophyta, Chlorococcales</i> | 253 | 293 | 113 | 231 | 140 | 470 | 684 | 288 | 997 |
| <i>Mougeotia sp.</i> | | 960 | | 720 | 240 | | | 960 | |
| <i>Chlorophyta, Zygnematales</i> | | | | | | | | | |
| <i>Closterium aciculare</i> | | | | | | | | 160 | |
| " <i>gracile</i> | | | | | | | 70 | | 35 |
| " <i>macilentum</i> | | | | | | | 65 | 16 | 16 |
| " <i>pronum</i> | | | | | | | | | 16 |
| <i>Cosmarium abbreviatum</i> | | | | 25 | | | | | |
| " <i>contractum</i> | | | | 29 | | | | | |
| <i>Staurastrum anatinum</i> | 10 | | 10 | | 21 | 21 | | | |
| " <i>jaculiferum</i> | | | | 10 | | | | | |
| <i>Chlorophyta, Desmidiatales</i> | 10 | | 10 | 64 | 21 | 21 | 135 | 176 | 67 |
| <i>Euglena gaumei</i> | 12 | | | | 6.2 | | | | |
| " <i>proxima</i> | | | | | | 130 | | | |
| " <i>sp.</i> | | | 16 | | 129 | 16 | 256 | 384 | 256 |
| <i>Trachelomonas hispida</i> | 274 | | | | 137 | | | | |
| " <i>varians</i> | | | | 42 | | | 84 | | |
| " <i>volvocina</i> | 58 | | | | 116 | 58 | | | |
| <i>Euglenophyta</i> | 332 | 12 | 16 | 42 | 388 | 204 | 340 | 384 | 256 |
| <i>Desmarella moniliformis</i> | 16 | | | | 50 | 987 | 485 | 133 | 200 |
| <i>Diceras chodatii</i> | | 32 | 16 | 2.4 | | | | | |

5.7. - 6.7.1962.

| | Asema 1. | Asema 2. | Asema 3. | Asema 4. | Asema 5. | Asema 6. | Asema 7. | Asema 8. | Asema 9. | Asema 10. |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Dinobryon bavariicum | 204 | 30 | 48 | | 178 | 43 | 1209 | 6.4 | | 260 |
| " " | 604 | 302 | 178 | | 178 | | | 518 | | |
| " borgei | 37 | | | | | | | | | |
| " divergens | 1932 | 160 | 252 | | 96 | 184 | 60 | 36 | 4.8 | 12 |
| " " | 993 | 1425 | 1091 | | 302 | 388 | 561 | 216 | 130 | 302 |
| " sociale | 96 | 201 | 154 | | | 174 | | | | |
| " " | 130 | 814 | 1041 | | | 1123 | | 777 | 43 | |
| " suecicum | 11 | | | | | | | 5.6 | | 37 |
| Flagellatae sp. | 1123 | | | | 3304 | 675 | | | | |
| Mallomonas acaroides | 446 | 967 | 892 | | 967 | 297 | | | | 43 |
| " akrokomos | 14 | 147 | 94 | | 833 | 14 | 14 | | | |
| " allorgei | | | | | 54 | 108 | | | | |
| " caudata | 124 | 62 | 249 | | 249 | | 124 | | | |
| " produota | 298 | 37 | 615 | | 223 | | 372 | 74 | | 74 |
| " reginae | | 334 | 402 | | 255 | 235 | | | | 78 |
| " tonsurata | 27 | 138 | 83 | | 235 | 55 | | | | 27 |
| Synura uvella | | 188 | 188 | | 188 | 188 | | | | 188 |
| " " (soluja) | 22 | 15 | 7.5 | | | | | 30 | 30 | 112 |
| Uroglena americana | 48 | 384 | | | | 24 | 48 | 96 | | 48 |
| Chrysophyta, Chrysophyceae | 6125 | 5236 | 5310 | | 6886 | 3558 | 3375 | 2244 | 341 | 1381 |
| Asterionella formosa | 4383 | 2760 | 2156 | | 210 | 1353 | 1066 | 1207 | 562 | 867 |
| " gracillima | 2666 | 562 | 1009 | | 111 | 882 | 312 | 1050 | 89 | 1042 |
| Attheya zachariasii | 1119 | | | | | | | | 165 | |
| Cyclotella comta | 345 | 298 | 345 | | 329 | 282 | | | | |
| " meneghiniana | | 100 | 134 | | | 672 | 201 | | | 403 |
| " stelligera | | 5.4 | 16 | | 16 | 22 | | | | |

5.7. - 6.7.1962.

| | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1. | 2. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | | | |
| Cyclotella sp. | 104 | 249 | 145 | 52 | 811 | | 41 | 62 | 104 | | | |
| Diatomae cetera | 272 | 464 | 352 | 216 | 592 | 560 | 1232 | 768 | 742 | | | |
| Fragillaria crotonensis | 48 | | | 194 | 243 | 194 | 389 | 48 | 438 | | | |
| Melosira distans | 228 | 874 | 570 | 988 | 380 | 304 | 304 | 836 | 304 | | | |
| " granulata | | | | 280 | 374 | | 93 | 187 | 187 | | | |
| " " var.angustissima | | 17 | 51 | 136 | 1147 | 68 | | 376 | 205 | | | |
| " varians | 1116 | 3535 | 930 | 2604 | 2604 | 1860 | 2232 | 2976 | | | | |
| " spp. | 194 | 72 | 97 | 194 | 1044 | 1651 | 1165 | 1311 | 1554 | | | |
| Rhizosolenia longisetata | 11702 | 1462 | 4179 | 2089 | 1671 | | 185 | 123 | 835 | | | |
| Synedra acus | 6.7 | 1.6 | | 3.3 | | | | | 6.7 | | | |
| " " var.angustissima | | | | | 1.6 | 3.2 | 16 | 3.2 | 16 | | | |
| " ulna | 7.4 | 7.4 | 7.4 | | 3.7 | | 29 | 29 | 97 | | | |
| Tabellaria fenestrata | 444 | 394 | 218 | 215 | 351 | 430 | 423 | | 444 | | | |
| " " var.asterionelloides | | 210 | 121 | | 114 | | 71 | | | | | |
| " " flocculosa | 52 | 49 | 29 | 26 | 189 | 13 | | 6.5 | 65 | | | |
| Chrysophyta, Diatomeae | 22687 | 11060 | 10359 | 7663 | 12736 | 6662 | 8437 | 7945 | 6907 | | | |
| Chroomonas sp. | 50 | | | 26 | | | | 123 | 45 | | | |
| Cryptomonas sp. | 148 | 1184 | 1443 | 1143 | 592 | 888 | 36283 | 43540 | 41244 | | | |
| Pyrrophyta, Cryptophyceae | 198 | 1184 | 1443 | 1169 | 592 | 888 | 36283 | 43663 | 41289 | | | |
| Ceratium hirundinella | 286 | 47 | 95 | 95 | | | | | | | | |
| Peridinae sp. | 627 | 44 | 44 | | 268 | | | | 89 | | | |
| Pyrrophyta, Peridineae | 913 | 91 | 139 | 95 | 268 | | | | 89 | | | |
| Kasviplankton yhteensä | 31962 | 19468 | 19380 | 20006 | 19855 | 13285 | 49853 | 53078 | 52659 | | | |

5.7. - 6.7.1962

| | Asema 1. | Asema 2. | Asema 4. | Asema 5. | Asema 6. | Asema 7. | Asema 8. | Asema 9. | Asema 10. |
|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <i>Ciliata</i> sp. (iso) | | 152 | 152 | 1376 | 228 | 13276 | 10376 | 915 | 7172 |
| <i>Laboea</i> sp. | 688 | 645 | 688 | 1376 | 344 | | 2150 | 2150 | 2451 |
| <i>Tintinnidium fluviatile</i> | | | | 31 | | | | | |
| <i>Tintinnopsis lacustris</i> | 129 | 324 | 43 | 216 | 237 | | | 56 | |
| <i>Vorticella</i> sp. | 2820 | 1169 | 653 | 2683 | 688 | 27864 | 57792 | 2545 | 49192 |
| <i>Ciliata</i> | 3637 | 1290 | 1536 | 4306 | 1497 | 41140 | 70318 | 5696 | 58815 |
| <i>Anuraeopsis fissa</i> | 3072 | | | 768 | | 3840 | 4608 | | 2304 |
| <i>Conochilus hippocrepis</i> | | | | | 9393. | | | 7204 | 1801 |
| <i>Kellicottia longispina</i> | 556 | 278 | 278 | | | | | 1113 | 1113 |
| <i>Keratella stipitata</i> | | 455 | 303 | | 152 | 303 | 3949 | 11544 | 8810 |
| <i>Polyarthra remata</i> | 17521 | 1401 | 1051 | 700 | 1051 | | 700 | 1401 | 2102 |
| " <i>vulgaris</i> | 2959 | 739 | | 1479 | | 2219 | 1479 | | 5918 |
| <i>Trichocerca rousseleti</i> | | 143 | 286 | 286 | 429 | | | 286 | |
| <i>Rotatoria</i> | 24108 | 3016 | 1918 | 3233 | 11537 | 6362 | 10736 | 21548 | 22048 |
| <i>Bosmina</i> sp. | | 23040 | | | | | | | |
| <i>Daphnia</i> sp. | 156000 | 39000 | 117000 | | 39000 | | 156000 | 39000 | 78000 |
| <i>Cyclops</i> sp. | | 17344 | | | 17344 | | | | |
| <i>Nauplius</i> sp. | 1905 | 1905 | 952 | 1905 | 2857 | 1905 | 5715 | 11431 | 3810 |
| <i>Cladocera</i> ja Copepoda | 157905 | 81289 | 117952 | 1905 | 59201 | 1905 | 161715 | 50431 | 81810 |
| Eläinplankton yhteensä | 185650 | 85595 | 121406 | 9444 | 72235 | 49407 | 242769 | 77675 | 162673 |

5.7. - 6.7.1962.

| | Asema 11. | Asema 12. | Asema 13. | Asema 14. | Asema 16. | Asema 17. | Asema 18. | Asema 19. | Asema 20. |
|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Anabaena flos-aquae | 242 | 242 | 364 | | | | 667 | 60 | 591 |
| Aphanizomenon flos-aquae | | | | 87 | 136 | 155 | 29 | 233 | 369 |
| Aphanocapsa delicatissima | 43 | 72 | 72 | 289 | 188 | 72 | 153 | 303 | 36 |
| " elachista | 29 | 14 | 29 | 44 | | 44 | 14 | 74 | 7.4 |
| Aphanothece clathrata | | 55 | | | | 27 | | 83 | |
| Chroococcus dispersus | | 25 | 17 | | | 8.5 | 8.5 | 17 | 12 |
| Coelosphaerium naegelianum | | | 33 | 33 | 33 | 98 | 65 | | 33 |
| Gomphosphaeria aponina | | 114 | | | | 114 | 228 | 114 | |
| " lacustris | | | | | | | | | 48 |
| Merismopedia tenuissima | | 2 | | | | | | | |
| Oscillatoria agardhi | | | | 489 | 244 | 381 | | 152 | 304 |
| " limosa | 61 | | | | | | | | |
| Phormidium dictyothallum | 15 | | 15 | 30 | | | | | |
| Cyanophyta | 390 | 524 | 530 | 972 | 601 | 899 | 1170 | 1036 | 1400 |
| Gyromitus cordiformis | 125 | 62 | | | | 62 | | | |
| Chlorophyta, Protoblepharidales | | 62 | | | | 62 | | | |
| Chlamydomonas sp. | 598 | 440 | 52 | 35 | 88 | 88 | 123 | 35 | 17 |
| Eudorina elegans | | | | | 18 | 18 | | | |
| Chlorophyta, Volvocales | 598 | 440 | 52 | 35 | 106 | 106 | 123 | 35 | 17 |
| Gloecystis planctonica | | 122 | | | 40 | 81 | 162 | 203 | |
| Sphaerocystis Schroeteri | | 19 | 58 | 97 | | 19 | 19 | | |
| Chlorophyta, Tetrasporales | | 141 | 58 | 97 | 40 | 100 | 181 | 203 | |
| Ankistrodesmus convolutus | 12 | | | | | | | | |
| " falcatus | | 3.8 | 5.7 | | | | | | |
| " var. mirabile | 6.4 | 22 | 3.2 | 8 | 8 | 3.2 | | 1.6 | 0.8 |
| " var. setiformis | 1.9 | 1.9 | | | 1.9 | | | | |

5.7. - 6.7.1962.

| | Asema 11. | Asema 12. | Asema 13. | Asema 14. | Asema 16. | Asema 17. | Asema 18. | Asema 19. | Asema 20. |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Ankistrodesmus falcoatus var. spirilliformis | 54 | 83 | 46 | 237 | 275 | 35 | 17 | 28 | 8.8 |
| Brachionococcus chlorelloides | 4.5 | 6.4 | | 10.2 | 9.6 | 1.2 | | | |
| Crucigenia quadrata | 8.8 | 17 | | 8.8 | 4.4 | | | 4.4 | |
| " tetrapedia | 71 | 7.1 | 3.5 | 35 | 42 | 21 | 7.1 | | |
| Dietyosphaerium ehrenbergianum | 46 | 55 | 13 | 46 | 55 | 267 | 6.4 | 6.4 | |
| " pulchellum | | | | | | | 147 | | |
| Elakatothrix gelatinosa | 3.8 | 7.6 | 11 | | | | 11.2 | 22 | 22 |
| Franceia droesheri | | | | | | | | | |
| Golenkinia radiata | 18 | 18 | | | | | 1.8 | | |
| Kirchneriella contorta | | | | | | | | | |
| " lunaris | 7.0 | | | | 10.5 | | | | |
| Lagerheimia longiseta | | 3.4 | | | | | | | |
| Microactinium pusillum | | | | | | | 0.8 | | |
| Oocystis parva | 4.3 | 8.6 | 4.3 | | | | | | |
| Pediastrum boryanum | | | | | | | 58 | | |
| " duplex | | 88 | | | | | | | |
| " " var. gracillimum | | | | | 20 | | | | |
| " tetras | | | | 16 | | | | | |
| Quadrigula pfitzeri | | 11 | | | | | | | |
| Scenedesmus armatus | 9.4 | | | 9.4 | | | 9.4 | | |
| " " var. bicaudatus | 12 | 19 | 6.4 | | 12 | | | | |
| " " bicellularis | 21 | 21 | 20 | 192 | 178 | 53 | 31 | 51 | 15 |

5.7. -- 6.7.1962.

| | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 11. | 12. | 13. | 14. | 16. | 17. | 18. | 19. | 20. |
| <i>Scenedesmus bijuga</i> | 9.4 | 9.4 | 9.4 | 28 | 9.4 | 9.4 | | | |
| " <i>brasiliensis</i> | | | | 6.2 | 6.2 | | | | |
| " <i>quadricauda</i> | 173 | 278 | 69 | | 104 | 104 | 69 | 34 | 17 |
| <i>Tetraedron minimum</i> | | | | | | 12 | 13 | | |
| Chlorophyta, Chlorococcales | 453 | 660 | 207 | 549 | 736 | 513 | 371 | 147 | 63 |
| <i>Mougeotia</i> sp. | | | | | 240 | | | | |
| Chlorophyta, Zygnematales | | | | | 240 | | | | |
| <i>Closterium acutum</i> var. | | | | | | | | | |
| <i>variabile</i> | 5,8 | | | | | | | | |
| <i>gracile</i> | 70 | 35 | | 70 | 70 | 35 | | | |
| <i>kützingianum</i> | 125 | 125 | | | | | | | |
| <i>macilentum</i> | 16 | | | | | | | | |
| <i>Cosmarium abbreviatum</i> | 12 | | | | | | | | |
| <i>Staurostrum anatinum</i> | | | 21 | | | | | | |
| " <i>jaculiferum</i> | | | | | | 20 | | | |
| Chlorophyta, Desmidiiales | 229 | 181 | | 70 | 90 | 35 | | | |
| <i>Euglena gaumel</i> | 12 | | | | | | | | |
| " <i>proxima</i> | | | | | | | | | 260 |
| " sp. | 384 | 512 | 256 | | | | | | |
| <i>Trachelomonas hispida</i> | | | | | | | | | 137 |
| " <i>volvocina</i> | 58 | 58 | | | | | | | |
| Euglenophyta | 454 | 570 | 256 | | | | | | 397 |

5.7. - 6.7.1962.

| | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema | Asema |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | | | |
| Desmarella moniliformis | 150 | | | 150 | 33 | | | | | | | | |
| Dinobryon bavaricum | 6.4 | | 228 | 152 | 265 | 212 | 184 | 256 | 304 | | | | |
| " " | + | 43 | 345 | 495 | 302 | 129 | 345 | 259 | 302 | | | | |
| " borgei | | | | | | | | 340 | | | | | |
| " " | + | | | 75 | 11 | 75 | 37 | 189 | 37 | | | | |
| " divergens | 192 | 84 | 1080 | 1176 | 1364 | 288 | 3248 | 2888 | 2804 | | | | |
| " " | + | 86 | 1092 | 1123 | 1425 | 907 | 691 | 1252 | 950 | | | | |
| " sociale | 96 | | 140 | 120 | 500 | 264 | 3008 | 968 | 2080 | | | | |
| " " | + | | 172 | 328 | 475 | 172 | 475 | 604 | 129 | | | | |
| " suecicum | | | | 11.2 | 37 | | 37 | 113 | 19 | | | | |
| Flagellatae sp. | 1072 | 1600 | 1263 | | | 1145 | 2078 | 829 | 2188 | | | | |
| Mallomonas acaroides | | | | | 297 | | | | | | | | |
| " akrocomos | 7.2 | 239 | 21 | | | | | | | | | | |
| " caudata | 15 | | 62 | 249 | 124 | | | | | | | | |
| " producta | | 223 | 37 | 447 | 596 | 149 | 74 | | 37 | | | | |
| " reginae | 196 | 117 | | | 157 | 39 | | | 16 | | | | |
| " tonsurata | | 249 | 27 | | | 27 | 27 | 27 | | | | | |
| Synura uvella | 376 | | | 376 | 188 | 188 | 188 | | | | | | |
| " " (soluja) | 22 | 97 | | | | 22 | 15 | | | | | | |
| Uroglena americana | | | | | | 288 | | | | | | | 96 |
| Chrysophyta, Chrysophyceae | 2261 | 2738 | 4467 | 4702 | 5774 | 3595 | 10702 | 7740 | 8962 | | | | |

5.7. - 6.7. 1962.

| | Asema 11. | Asema 12. | Asema 13. | Asema 14. | Asema 16. | Asema 17. | Asema 18. | Asema 19. | Asema 20. |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Chroomonas sp. | 333 | | | | | 37 | 22 | 22 | |
| Cryptomonas sp. | 87524 | 180547 | 44984 | 19493 | 21992 | 7049 | 1110 | 740 | 666 |
| Pyrrophyta, Cryptophyceae | 87857 | 180547 | 44984 | 19493 | 21992 | 7886 | 1132 | 762 | 666 |
| Ceratium hirundinella | | 95 | 95 | | 286 | 95 | 190 | 95 | 381 |
| Peridinae sp. | 89 | | 179 | 179 | 179 | 806 | 448 | 89 | 537 |
| Pyrrophyta, Peridineae | 89 | | 274 | 179 | 465 | 901 | 638 | 184 | 918 |
| Kasviplankton yhteensä | 106173 | 189283 | 67153 | 86608 | 84012 | 37897 | 41840 | 49671 | 39382 |
| Ciliata sp. (iso) | 305 | 2594 | 152 | 763 | 152 | 152 | 152 | | 381 |
| Laboea sp. | 8772 | 21285 | 2494 | 172 | 1118 | 2494 | 1806 | 1591 | 1720 |
| Tintinnopsis lacustris | 86 | | 216 | 172 | 345 | 302 | 43 | | |
| Vorticella sp. | 1513 | 39216 | 344 | 1100 | 2270 | 2614 | 2820 | 1238 | 688 |
| Ciliata | 10676 | 63095 | 3206 | 2207 | 3885 | 5562 | 4821 | 2829 | 2789 |
| Conochilus hippocrepis | | | 5403 | 1801 | | | | | |
| Kellcottia longispina | 556 | | 556 | 556 | | 556 | | | 278 |
| Keratella stipitata | 25215 | 11240 | 3038 | 2430 | 1822 | | | | 151 |
| Polyarthra major | 5527 | | | | | | | | |
| " renata | 7709 | | 2803 | 5605 | 4905 | 8410 | 15418 | 2803 | 8059 |
| Polyarthra vulgaris | 10357 | 8878 | 4439 | 2960 | 14797 | 10357 | 13317 | 1479 | 14797 |
| Trichocerca rousseleti | 858 | | | | 286 | 286 | | | |
| Rotatoria | 50222 | 20118 | 10836 | 16954 | 23611 | 19609 | 29021 | 4282 | 23285 |
| Daphnia sp. | | 46080 | | | | | | | |
| Diaptomus sp. | 34688 | 34688 | | | | | | | |
| Cyclops sp. | 3810 | 1905 | | 1905 | 1905 | | | | |
| Nauplius sp. | | | | | | | | | |
| Cladocera ja Copepoda | 38498 | 82673 | | 330785 | 1905 | | | | |
| Eläinplankton yhteensä | 99396 | 165886 | 14042 | 349946 | 29401 | 25171 | 35747 | 7111 | 26074 |

Käytetyt planktontilavuudet

| | tilavuus μ^3 :nä | plankteriyksikköä 1 000 μ^3 :ssä |
|-----------------------------------|-------------------------|---|
| <i>Plantomyces condensatus</i> | 86 | 11.6 |
| <i>Anabaena flos-aquae</i> | 7 585 | 0.1 |
| " <i>limnetica</i> | 2 833 | 0.3 |
| <i>Aphanizomenon flos-aquae</i> | 2 428 | 0.4 |
| <i>Aphanocapsa delicatissima</i> | 465 | 2.1 |
| " <i>elachista</i> | 452 | 2.2 |
| <i>Aphanothece clathrata</i> | 864 | 1.1 |
| <i>Chroococcus dispersus</i> | 268 | 3.7 |
| " <i>limneticus</i> | 1 010 | 0.9 |
| <i>Coelosphaerium naegelianum</i> | 8 235 | 0.1 |
| <i>Dactylococcopsis</i> sp. | 165 | 6.0 |
| <i>Gomphosphaeria aponina</i> | 3 570 | 0.3 |
| " <i>lacustris</i> | 1 500 | 0.6 |
| <i>Merismopedia punctata</i> | 34 | 29.4 |
| " <i>tenuissima</i> | 16 | 62.5 |
| <i>Microcystis aeruginosa</i> | 24 481 | 0.04 |
| <i>Oscillatoria agardhi</i> | 9 528 | 0.1 |
| " <i>limnetica</i> | 258 | 3.8 |
| " <i>limosa</i> (k) | 15 300 | 0.06 |
| <i>Phormidium dictyothallum</i> | 1 900 | 0.5 |
| <i>Spirulina jenneri</i> | 11 300 | 0.08 |
| <i>Cyromitus cordiformis</i> | 1 956 | 0.5 |
| <i>Chlamydomonas</i> sp. | 550 | 1.8 |
| <i>Chlorogonium</i> sp. (o) | 830 | 1.2 |
| <i>Eudorina elegans</i> | 9 224 | 0.1 |
| <i>Pandorina morum</i> | 4 885 | 0.2 |
| <i>Pyrobotrus elongata</i> (o) | 19 800 | 0.05 |
| <i>Spondylomorom caudatum</i> (o) | 9 040 | 0.1 |
| <i>Gemellioystis neglecta</i> | 1 570 | 0.6 |
| <i>Gloeocystis plantonica</i> | 1 270 | 0.7 |
| <i>Sphaerocystis schroeteri</i> | 610 | 1.6 |
| <i>Actinastrum hantzschii</i> | 2 016 | 0.5 |

| | | |
|-------------------------------------|--------|------|
| Ankistrodesmus convolutus | 57 | 17.5 |
| " falcoatus | 60 | 16.6 |
| Ankistrodesmus falco. var. mirabile | 50 | 20.0 |
| " " var. setiformis | 60 | 16.6 |
| " " var. spirilliformis | 50 | 20.0 |
| Brachionococcus chlorelloides (o) | 20 | 50.0 |
| Coelastrum microporum | 2 770 | 0.3 |
| Crucigenia irregularis | 134 | 7.5 |
| " quadrata | 138 | 7.4 |
| " tetrapedia | 223 | 4.5 |
| " truncata | 200 | 5.0 |
| Dictyosphaerium ehrenbergianum | 200 | 5.0 |
| " elegans | 94 | 10.4 |
| " pulchellum (o) | 288 | 3.5 |
| Elakatothrix gelatinosa | 120 | 8.3 |
| Franceia droescheri | 350 | 2.8 |
| Golenkinia radiata | 563 | 1.7 |
| Kirchneriella contorta | 58 | 17.2 |
| " lunaris | 110 | 9.1 |
| " obesa | 84 | 11.9 |
| Lagerheimia longiseta | 107 | 9.3 |
| Micractinium pusillum | 208 | 4.8 |
| Nephrocytium limneticum | 466 | 2.1 |
| Oocystis borgei | 930 | 1.0 |
| " parva | 135 | 7.4 |
| " submarina | 282 | 3.5 |
| Pediastrum boryanum | 14 578 | 0.07 |
| " duplex | 11 100 | 0.09 |
| " " var. gracillimum | 4 980 | 0.2 |
| " tetras | 1 012 | 0.9 |
| Quadrigula pfitzeri | 86 | 11.6 |
| Scenesmus acuminatus | 200 | 5.0 |
| " arcuatus | 788 | 1.3 |
| " armatus | 294 | 3.4 |
| " bicaudatus | 200 | 5.0 |
| " bicellularis | 45 | 22.2 |

| | | |
|--------------------------------|--------|------|
| Dinobryon divergens | 200 | 5.0 |
| " sociale | 200 | 5.0 |
| " suecicum | 175 | 5.7 |
| Flagellatae | 34 | 29.4 |
| Mallomonas acaroides | 4 650 | 0.2 |
| " akrokomos | 227 | 4.4 |
| " allorgei | 1 700 | 0.6 |
| " caudata | 3 900 | 0.2 |
| " koronata | 1 042 | 0.9 |
| " producta | 2 330 | 0.4 |
| " reginae | 1 228 | 0.8 |
| " tonsurata | 865 | 1.1 |
| Synura uvella | 47 092 | 0.02 |
| " " (yksi solu) | 235 | 4.2 |
| Uroglena americana | 12 000 | 0.08 |
| Asterionella formosa | 2 930 | 0.3 |
| " gracillima | 1 862 | 0.5 |
| Attheya zachariasii | 5 184 | 0.2 |
| Cyclotella comta | 980 | 1.0 |
| " meneghiniana | 2 100 | 0.5 |
| " stelligera | 343 | 2.9 |
| " sp. | 650 | 1.5 |
| Diatomae cetera | 500 | 2.0 |
| Fragillaria crotonensis | 12 170 | 0.08 |
| Melosira distans | 2 377 | 0.4 |
| " granulata | 23 410 | 0.04 |
| " " var. angustissima | 8 560 | 0.1 |
| " varians | 93 030 | 0.01 |
| " spp. | 12 144 | 0.08 |
| Rhizosolenia longiseta | 1 935 | 0.5 |
| Synedra acus | 843 | 1.2 |
| " " var. angustissima | 818 | 1.2 |
| " berolinensis | 212 | 4.7 |
| " ulna | 1 867 | 0.5 |
| Tabellaria fenestrata | 1 792 | 0.5 |
| " " var. astringelloides | 1 786 | 0.5 |
| " flocculosa | 1 630 | 0.6 |

| | | | |
|---------------------------------------|-----|--------|------|
| <i>Scenedesmus bijuga</i> | | 294 | 3.4 |
| " <i>brasiliensis</i> | | 196 | 5.1 |
| " <i>quadricauda</i> | | 1 086 | 0.9 |
| <i>Selenastrum gracile</i> | | 36 | 27.7 |
| <i>Tetraëdron minimum</i> | | 198 | 5.1 |
| <i>Treubaria setigerum</i> | | 490 | 2.0 |
| <i>Mougeotia</i> sp. | (k) | 60 000 | 0.01 |
| <i>Closterium aciculare</i> | | 2 000 | 0.5 |
| " <i>acutum</i> var. <i>variabile</i> | | 490 | 2.0 |
| " <i>gracile</i> | | 8 834 | 0.1 |
| " <i>kützingianum</i> | | 31 466 | 0.03 |
| " <i>macilentum</i> | (k) | 4 100 | 0.2 |
| " <i>pronum</i> | | 2 000 | 0.5 |
| <i>Cosmarium abbreviatum</i> | | 3 140 | 0.3 |
| " <i>contractum</i> | | 3 722 | 0.2 |
| " <i>phaseolus</i> | | 1 656 | 0.6 |
| <i>Staurastrum anatinum</i> | | 5 320 | 0.2 |
| " " var. <i>curvatum</i> | | 2 552 | 0.4 |
| " <i>gracile</i> | | 3 470 | 0.3 |
| " <i>jaculiferum</i> | | 2 550 | 0.4 |
| <i>Xanthidium antilopaeum</i> | | 30 000 | 0.03 |
| <i>Euglena acus</i> | | 3 800 | 0.2 |
| " <i>gaumei</i> | (k) | 3 120 | 0.3 |
| " <i>proxima</i> | | 4 066 | 0.2 |
| " sp. | | 4 040 | 0.2 |
| <i>Phacus</i> sp. | | 4 000 | 0.2 |
| <i>Trachelomonas hispida</i> | | 4 295 | 0.2 |
| " <i>varians</i> | | 2 633 | 0.4 |
| " <i>volvocina</i> | | 1 827 | 0.5 |
| " sp. | (k) | 2 230 | 0.4 |
| <i>Chrysophaerella longispina</i> | | 8 261 | 0.1 |
| <i>Desmarella moniliformis</i> | (k) | 523 | 1.9 |
| <i>Dinobryon chodati</i> | | 150 | 6.6 |
| <i>Dinobryon bavaricum</i> | | 200 | 5.0 |
| " <i>behningi</i> | | 200 | 5.0 |
| " <i>borgei</i> | | 175 | 5.7 |

| | | | |
|-------------------------|-----|------------|---------|
| Chroomonas sp. | | 117 | 8.5 |
| Cryptomonas sp. | | 2 314 | 0.4 |
| Ceratium hirundinella | | 23 847 | 0.04 |
| Peridinae sp. | | 2 800 | 0.3 |
| Ciliata sp. | | 38 150 | 0.03 |
| Laboea sp. | | 10 750 | 0.09 |
| Tintinnidium fluviatile | | 7 960 | 0.1 |
| Tintinnopsis lacustris | | 10 800 | 0.09 |
| Vorticella sp. | | 17 200 | 0.06 |
| Anuraeopsis fissa | (k) | 192 000 | 0.005 |
| Conochilus sp. | | 450 250 | 0.002 |
| Kellicottia longispina | | 139 175 | 0.007 |
| Keratella stipitata | | 75 950 | 0.01 |
| Polyarthra major | | 1381 780 | 0.0007 |
| " remata | | 175 213 | 0.006 |
| " vulgaris | | 369 925 | 0.003 |
| Trichocerca rousseleti | | 71 512 | 0.01 |
| Bosmina sp. | | 11 520 000 | 0.00008 |
| Daphnia sp. | | 19 500 000 | 0.00005 |
| Cyclops sp. | | 8 672 000 | 0.0001 |
| Diaptomus sp. | | 82 220 000 | 0.00001 |
| Nauplius sp. | | 476 300 | 0.002 |

o = omiin mittauksiin perustuva tilavuus

k = kirjallisuudesta saatuihin mittoihin perustuva tilavuus

Indikaattorilajit

E-lajit

Actinastrum hantzschii
Anuraeopsis fissa
Asterionella gracillima
Chroococcus dispersus
Chroomonas sp.
Closterium gracile
Coelastrum microporum
Cyclotella meneghiniana
Dictyosphaerium ehrenbergianum
" elegans
Dimorphococcus lunatus
Euglena acus
Fragillaria crotonensis
Kirchneriella contorta
" lunaris
" obesa
Lagerheimia longiseta
Melosira granulata
" " var. angustissima
" varians
Micractinium pusillum
Microcystis aeruginosa
Nephrocytium limneticum
Oscillatoria limnetica
Pandorina morum
Pediastrum boryanum
" duplex
" tetras
Phacus sp.
Scenedesmus acuminatus
" arcuatus
" armatus

Scenedesmus bicaudatus
" bijuga
Synedra acus
" acus var.
" berlinensis
Synura uvella
Tetrastrum strogoniaeforme
Trachelomonas varians

O-lajit

Diceras chodati
Dinobryon bavaricum
" divergens
Crucigenia irregularis
Mallomonas allorgei
Merismopedia glauca
Oocystis submarina