

Table 2-4. Phytoplankton Taxa in Mountain Lake, Virginia in 1997 and 1998 (dominant taxa in bold).

Cyanoprokaryota (Bluegreen Algae):

Chroococcus dispersus var. *minor*
Gloeocapsa halmatodes
Aphanotheca microscopica
Anabaena sp.

Chlorophyta (Green Algae)

| | | |
|---------------------------------------|-----------------------------------|--------------------------------|
| <i>Chlamydomonas</i> sp. | <i>Selenastrum</i> sp. | <i>Pediastrum boryanum</i> |
| <i>Scourfieldia complanata</i> | <i>Crucigenia quadrata</i> | <i>Tetraedron</i> sp. |
| <i>Pandorina morum</i> | <i>Quadrigula choclaitii</i> | <i>Trochiscia</i> (zygospore?) |
| <i>Eudorina elegans</i> . | <i>Chodatella</i> sp. | |
| <i>Chlorella vulgaris</i> | <i>Arthrodesmus quadratus</i> | |
| <i>Chlorococcum</i> sp. | <i>Mesotaenium</i> sp. | |
| <i>Oocystis pusilla</i> | <i>Cosmarium phaseolus</i> | |
| <i>Scenedesmus bijuga</i> | <i>Staurastrum limneticum</i> | |
| <i>Gloeocystis planktonica</i> | <i>Mougeotia</i> sp. | |

Chrysophyta (Golden Algae)

Dinobryon elegantissimum *Synura* sp.
Chromulina ovalis
Chlorochromonas minuta
Mallomonas caudata
Mallomonas acaroides

Bacillariophyta (Diatoms)

| | | |
|---------------------------------|------------------------------|------------------------------|
| <i>Navicula gracilis</i> | <i>Cymbella</i> sp. | <i>Gomphonema angustatum</i> |
| <i>Cyclotella compta</i> | <i>Fragilaria</i> sp. | |
| <i>Synedra ulna</i> | <i>Tabellaria fenestrata</i> | |
| <i>Achnanthes</i> sp. | <i>Tabellaria flocculosa</i> | |

Dinophyta (Dinoflagellates)

Gymnodinium sp.

Peridinium inconspicuum

Euglenophyta (Euglenoids)

Phacus sp.

Trachelomonas sp.

Chryptophyta (Cryptophytes)

Chroomonas norstedii

Cryptomonas ovata