

Table 3-1. Phytoplankton taxa from plankton tows, in Mountain Lake Virginia in 1997 and 1998 (dominant taxa in bold). Revised from Cawley *et al.* in review a.

CYANOPROKARYOTA (BLUEGREEN ALGAE)

*Anabaena* sp.  
*Aphanothece microscopica* Nagel  
*Chroococcus dispersus* var. *minor* G.M. Smith  
*Gloeocapsa halmatodes* Kuetzing

CHLOROPHYTA (GREEN ALGAE)

*Arthrodesmus quadratus* (Schm.) Teiling  
***Chlamydomonas* sp.**  
***Chlorella vulgaris* Beyernick**  
*Chlorococcum* sp.  
*Chodatella* sp.  
*Cosmarium phaseolus* Brebisson  
***Crucigenia quadrata* Morren**  
*Eudorina elegans* Ehrenberg  
***Gloeocystis planktonica* (West & West) Lemmermann**  
*Mesotaenium* sp.  
*Mougeotia* sp.  
*Oocystis pusilla* Hansgirg  
*Pandorina morum* (Muell.) Bory  
*Pediastrum boryanum* (Turp.) Meneghini  
*Quadrigula chodatii* (Tan.-Ful.) G.M. Smith  
***Scenedesmus bijuga* (Turp.) Lagerheim**  
*Scourfieldia complanata*  
*Selenastrum* sp.  
*Staurastrum limneticum* Schmidle  
*Trochiscia* (zygospore?)  
*Tetraedron* sp.

CHRYSOPHYTA (GOLDEN ALGAE)

***Chlorochromonas minuta* Lewis**  
*Chromulina ovalis* Klebs  
*Dinobryon elegantissimum* Bourrelly  
*Mallomonas acaroides* Perty  
*Mallomonas caudata* Irvanoff  
*Synura* sp.

BACILLARIOPHYTA (DIATOMS)

*Achnanthes* sp.  
***Cyclotella compta* (Dhr.) Keutzing**  
*Cymbella* sp.  
*Fragilaria* sp.  
*Gomphonema acuminatum* Ehrenberg  
***Navicula gracilis* Ehrenberg**  
***Synedra ulna* (Nitzsh.) Ehrenberg**  
*Tabellaria fenestrata* (Lyngb.) Kutzing  
*Tabellaria flocculosa* (Roth) Kutzing

DINOPHYTA (DINOFLAGELLATES)

*Gymnodinium* sp.

*Peridinium inconspicuum* Lemmermann

EUGLENOPHYTA (EUGLENOIDS)

*Phacus* sp.

*Trachelomonas* sp.

CRYPTOPHYTA (CRYPTOPHYTES)

*Chroomonas norstedii* Hansgirg

*Cryptomonas ovata* Eherenberg