

Table L-8. Periphyton collected from the Par Pond System

Principal taxa in the P-Reactor canal above Par Pond (taken from Tison et al., 1981).

Mastigocladus laminosus
Phormidium sp.
Oscillatoria sp.
Oedogonium sp. 1
Oedogonium sp. 2
Navicula confervacea
Melosira granulata
Synedra delicatissima

Principal diatoms in Par Pond (from artificial substrate sampling) unpublished data.^a

Achnanthes affinis
Achnanthes lanceolata
Achnanthes minutissima
Anomoeoneis vitrea
Cyclotella pseudostelligera
Cyclotella stelligera
Cymbella delicatula
Cymbella microcephala
Cymbella minuta v. silesiaca
Fragilaria crotonensis
Fragilaria pinnata
Fragilaria vaucheriae
Gomphonema carolinense
Gomphonema grunowii
Gomphonema intricatum
Gomphonema parvum
Gomphonema sudcavatum
Melosira distans v. alpigena
Melosira granulata v. angustissima
Nitzschia frustulum
Nitzschia frustulum v. perminuta
Synedra delicatissima v. angustissima
Synedra minuscula
Synedra rumpens
Synedra tenera
Synedra ulna
Tabellaria fenestrata

Nondiatom alga from artificial substrate sampling (unpublished data^a).

Actinastrum hantzschii
Agmenellum elegans
Amphidinium sp.

Table L-8. Periphyton collected from the Par Pond System
(continued)

Nondiatom algaes from artificial substrate sampling (unpublished data^a).
(continued)

Anabaena circinalis
Anabaena sp.
Anacystis cyanea
Ankistrodemus falcatus
Arthrodesmus octocornis
Bulbochaete sp.
Calothrix sp.
Ceratium hirundinella
Chlamydomonas sp.
Closterium cornu
Closterium sp.
Closterium venus
Cosmarium angulosum
Cosmarium asphaerosparum
Cosmarium bireme
Cosmarium bisphaericum
Cosmarium blyttii
Cosmarium circulare
Cosmarium comminsurale v. crassum
Cosmarium dentatum
Cosmarium excavatum f. duplomajor
Cosmarium exiguum
Cosmarium goleritum
Cosmarium impressulum
Cosmarium margaritatum
Cosmarium pardalis
Cosmarium phaseolus
Cosmarium pseudoconnatum
Cosmarium schliephakeanum
Cosmarium spp.
Cosmarium subcrenatum
Cosmarium tenue
Cosmocladium saxonicum
Dictyosphaerium pulchellum
Euastrum ciastonii
Euastrum denticulatum
Gleocapsa sp.
Gonatozygon aculeatum
Gonatozygon brebissonii
Gonatozygon monotaenium
Microcoleus iriguus
Microcoleus sp.
Microcoleus vaginatus
Mougeotia sp.
Nostoc macorun

Table L-8. Periphyton collected from the Par Pond System
(continued)

Nondiatomc algae from artificial substrate sampling (unpublished data^a).
(continued)

Nostoc sp.

Oedogonium sp.

Oocystis borgei

Oscillatoria lutea

Oscillatoria princeps

^aIdentifications made by the Academy of Natural Sciences of Philadelphia under subcontract with Du Pont.