

Proceedings of

the XX th International Phycological Symposium

Adam Mickiewicz University, Poznań, 24-27 September 2001.

1. The development of perception of aquatic eutrophication and its control <i>Colin S. Reynolds.....</i>	149
2. The origin of humic substances and their role in the aquatic environment <i>Barbara Szpakowska.....</i>	165
3. Change of physico-chemical conditions and phytoplankton composition in a humic lake caused by liming and fertilisation <i>Andrzej Hutorowicz.....</i>	173
4. The influence of hydrology and water quality on phytoplankton community composition and biomass in a humoeutrophic reservoir, Siemianówka reservoir (Poland) <i>Magdalena Grabowska, Andrzej Górnjak, Elżbieta Jekatierynczuk-Rudczyk, Piotr Zieliński.....</i>	185
5. The diversity of the species composition and the life strategy of algae in peatbogs surrounding two dystrophic forest lakes <i>Urszula Jacuńska.....</i>	197

Short communications

6. The similarities and differences in the structure of phytoplankton in the chosen eutrophic water bodies – southern Poland. A review <i>Halina Bucka, Elżbieta Wilk-Woźniak, Grażyna Pajak.....</i>	205
7. Phytoplankton – formation reflecting variation of trophy in dam reservoirs <i>Elżbieta Wilk-Woźniak.....</i>	213

Papers not presented at the Symposium

8. The influence of acetylcholine and taurine on the content of some metabolites in the alga <i>Chlorella vulgaris</i> <i>Romuald Czerpak, Andrzej Bajguz, Paula Jewiec, Małgorzata Muszyńska-Garstka.....</i>	223
9. Effect of allantoin and creatine on the growth and content of some metabolites in <i>Chlorella vulgaris</i> (Chlorophyceae) <i>Romuald Czerpak, Andrzej Bajguz, Agnieszka Joszczyk, Agnieszka Nosal.....</i>	231