PUBLICATIONS FROM PREVIOUS GAP WORKSHOPS

The 1st GAP, Konstanz, GERMANY, 1982

Papers published in Journal of Plankton Research Volume 6, Number 2, 1984

- J.F. Talling. Past and contemporary trends and attitudes in work on primary productivity. 203
- G.P. Harris. Phytoplankton productivity and growth measurements: past, present and future. 219
- **S.I.** Heaney and U. Sommer Changes of algal biomass as carbon, cell number and volume, in bottles suspended in LakeConstance. 239
- **G. Slawyk, M. Minas, Y. Collos, L. Legendre and S. Roy**. Comparison of radioactive and stable isotope tracer techniques for measuring photosynthesis: 13C and 14C uptake by marine phytoplankton. 249
- **D.H. Jewson, J.F. Talling, M.J. Dring, M.M. Tilzer, S.I. Heaney and C. Cunningham.** Measurement of photosynthetically available radiation in fresh-water: comparative tests of some current instruments used in studies of primary production. 259
- **T.T. Bannister and A.D. Weidemann**. The maximum quantum yield of phytoplankton photosynthesis in situ. 275
- P.G. Falkowski. Physiological responses of phytoplankton to natural light regimes. 295
- **M.M. Tilzer.** Estimation of phytoplankton loss rates from daily photosynthetic rates and observed biomass changes in LakeConstance. 309
- **R.O.** Megard, D.W. Tonkyn and W.H. Senft JI. Kinetics of oxygenic photosynthesis in planktonic algae. 325
- **Z. Dubinsky, T. Berman and F. Schanz.** Field experiments for in situ measurement of photosynthetic efficiency and quantum yield. 339
- H. Maske Daylight ultraviolet radiation and the photoinhibition of phytoplankton carbon uptake. 351
- **R. Gachter, A. Mares and M.M. Tilzer.** Determination of phytoplankton production by the radiocarbon method: a comparison between the acidification and bubbling method (ABM) and the filtration technique. 359
- M. Sakamoto, M.M. Tilzer, R. Gachter, H. Rai, Y. Collos, P. Tschumi, P. Berner, D. Zbaren, J. Zbaren, M. Dokulil, P. Bossard, U. Uehlinger and E.A. Nusch Joint field experiments for comparisons of measuring methods of photosynthetic production. 365