Compiled by Allan Jones, Co-ordinator of Special Interest Group: Practical work in the Biosciences

Bibliography

Environmental Biology

- *NEW* Hewitt,G., 1991. **River quality investigations, Part 1: Some diversity and biotic indices.** *J.Biol.Educ.*, **25** (1), 44-52. Various techniques, useful at both undergraduate and sixth-form level, for assessing river water quality are described and evaluated.
- *NEW* Pyatt,F.B. & Storey,D.M., 1999. **Toxicity testing using Daphnia magna Straus in student assessments of water pollution.** *J.Biol.Educ.*, **33** (3), 164-170. This report gives a simple procedure, allows groups of students to investigate the toxic effects of potential environmental pollutants in the laboratory, using *Daphnia magna* as a test organism. The procedure introduces students to dose-dependent toxicity.
- *NEW* Trevors, J.T., 1998. **Cellulose decomposition in soil.** *J.Biol.Educ.*, **32** (2), 133-136. This article describes a laboratory technique for studying decomposition of organic matter such as cellulose paper, cotton cloth (calico) and straw in soil.
- "NEW" Watts, S. & Halliwell, L., 1996. *Essential Environmental Science.* Routledge, London. A practical guide to the key tools needed for studying across the breadth of the environmental sciences. Presenting a wide cross-disciplinary range of techniques and information within a unique environmental perspective, this is a useful handbook for environmental study and for use in laboratory and field work.