

Bibliography

Animal Biology

- *NEW* Abramoff, P. & Thomson, R.G., 1962. ***Laboratory Studies in Animal Biology***. W. H. Freeman and Company, USA. A manual designed to acquaint the student with many of the fundamental principles and concepts of living systems through an experimental analysis of the systems.
- *NEW* Barrass,R., 1996. **Locusts for student-centred learning**. *J.Biol.Educ.*, **30** (1), 22-26. A cage of living locusts excites great interest. It is both an inexpensive, ever-changing visual aid and a resource for student-centred learning.
- *NEW* Floyd,D., 1994. **Stick insects**. *J.Biol.Educ.*, **28** (1), 19-22. What projects can pupils do with stick insects? Which varieties are easy to keep in the laboratory?
- *NEW* Foster,R., 1997. **A stroboscopic method to investigate the effect of caffeine on *Daphnia* heart rate**. *J.Biol.Educ.*, **31** (4), 253-255. *Daphnia* provides an easily visible heart which responds rapidly to soluble drugs. Stroboscopic illumination of the animal enables the student to make accurate heart rate counts.
- *NEW* Martin, P. and Bateson, P. 1993 ***Measuring behaviour: an introductory guide***. 2nd edition. Cambridge: Cambridge University Press. ISBN: 0-521-44614-7. (£9.95) (*) The 1st edition is also suitable. A useful account of an increasingly popular subject for practical work.
- *NEW* Majerus, M.E.N., Kearns, P.W.E., Ireland, H. & Forge, H., 1989. ***Ladybirds as teaching aids: 1 Collecting and culturing***. *J.Biol.Educ.*, **23** (2), 85-95. Ladybirds have potential to be useful teaching aids for a range of biological subjects. Methods are described for finding and collecting ladybirds.
- *NEW* Majerus, M.E.N., Kearns, P.W.E., Forge, H. & Burch, L., 1989. ***Ladybirds as teaching aids: 2 Potential for practical and project work***. *J.Biol.Educ.*, **23** (3), 187-192. Ladybirds find favour with children as one of the most attractive and popular groups of insects. Because of this they are potentially useful as teaching material. This paper suggests ways in which they may be used as illustrative material in a range of biological fields.
- *NEW* Lee, D.G. & Corbet, S.A., 1989. **Evaluating colonization samplers for freshwater invertebrates**. *J.Biol.Educ.*, **23** (1), 23-31. Compares various colonization samplers in terms of the precision in which they sample the community of macro invertebrates in slow-moving waterways.
- *NEW* Tranter,J.A., 1993. **The giant African land snail, *Achatina fulica*, and other species**. *J.Biol.Educ.*, **27** (2), 108-111. *A.fulica* is easy to keep and breed in the classroom and provides much scope for investigatory work in schools.
- *NEW* Ward-Booth, K. & Reiss, M., 1988. ***Artemia Salina: an easily cultured invertebrate ideally suited for ecological studies***. *J.Biol.Educ.*, **22** (4), 247-251. General account of the biology of this important laboratory animal together with advice for rearing cultures for experimental use.
- *NEW* Pyatt,F.B. & Storey,D.M., 1994. **The growth and maintenance of freshwater insects in the laboratory**. *J.Biol.Educ.*, **28** (4), 242-244. This article describes a low-and medium-cost rearing apparatus for freshwater insects. It also includes instructions for their capture and identification, with teaching suggestions for their use in school investigations.