

BIBLIOGRAPHY

A number of texts have proved to be extremely valuable references to the Inexpensive Science Teaching Equipment Project, and these are listed below.

American Peace Corps, Science Teachers Handbook,
(Hyderabad, India: American Peace Corps, 1968).

This handbook contains many ideas for improvising science teaching equipment.

Association for Science Education, The School Science Review, (London: John Murray).

A quarterly journal containing articles on science experiments and equipment in all the sciences at all school levels.

Association for Science Education, The Science Master's Book, (London: John Murray).

Part 2 of Series 1 and 2, and Part 3 of Series 3 and 4 of The Science Master's Book contain articles from The School Science Review dealing with experiments and equipment in biology.

Knudsen, Jens W., Biological Techniques, (New York: Harper and Row, 1966).

An excellent reference for those persons interested in collecting, preserving, and illustrating animals and plants.

Merrick, Paul D., Experiments with Plastic Syringes,
(San Leandro, California: Educational Science Consultants, 1968).

This book and accompanying materials form a good basis for developing curriculum materials based on disposable plastic syringes.

Morholt, Evelyn, Paul F. Brandwein, and Alexander Joseph, A Sourcebook for the Biological Sciences, (New York: Harcourt Brace, and World, 1966).

This book gives many ideas and methods concerned with the day-to-day teaching of biology.

The UNESCO Sourcebook in Science Teaching, (Paris, France: UNESCO, 1972).

This book, recently revised, contains many simple ideas for teaching science at a relatively elementary level.

In addition to the above texts, the materials from a large number of projects in the files of the International Clearinghouse on Science and Mathematics Curricular Developments at the University of Maryland have also been particularly valuable. Further details of these projects, and the three listed below, may be found in:

The Seventh Report of the International Clearinghouse on Science and Mathematics Curricular Developments 1970, (College Park, Maryland: University of Maryland, 1970).

This is a source of information on curriculum projects throughout the world including project director, materials available, publishers, **etc.** The Eighth Report will be available in late 1972.

Biological Sciences Curriculum Study (**BSCS**).

This is the major United States project concerned with the biological sciences at the secondary level. One publication, Innovations in Equipment and Techniques in the Biology Teaching Laboratory, (Boston: D. C. Heath, 1964) is especially useful to those interested in equipment development.

FUNBEC, Science Education Projects for Primary, High School and College Level.

A Brazilian project, FUNBEC has developed an excellent series of inexpensive science kits including some dealing with biology.

Nuffield Foundation, Nuffield Biology.

The Nuffield projects are the major British curriculum projects in science. **Especially** interesting to the secondary biology teacher and administrator are the "O-level" and "A-level" material.