

attempt to relate to modern concerns. These chapters give little idea of the seriousness of the problem. Henson even goes so far as to suggest that the atmosphere is inexhaustible and that pollution will always be diluted eventually. The chapter on pollution control merely mentions that laws have been enacted to control pollutants; it fails to mention what the student himself can do.

Overall, the book is excellent on the properties of air, adequate on weather, and inadequate on air pollution.

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THE HIDDEN LIFE OF FLOWERS, by J. M. Guilcher and R. H. Noailles. 1971. Sterling Publishing Co., New York. 96 p. \$3.50 (hardback).

A FERN IS BORN, by J. M. Guilcher and R. H. Noailles. 1971. Sterling Publishing Co., New York. 96 p. \$3.50 (hardback).

These books, in the "Sterling Nature Series," have excellent close-up black-and-white photographs and well-written texts. Although the books do not attempt to present a complete course in the botanic aspects of ferns and flowers, they are accurate and well done within their scope. Examples are well chosen and are within the experience of students from grade 4 upward. Children and parents will find the books readable and enjoyable as well as informative. Together the two books present an excellent comparison of the means of reproduction in flowering and flowerless plants, together with a good introduction to evolution in the plant world.

The print is large, and the vocabulary is particularly suitable to young readers. Both books are bound strongly enough to stand up well in young hands.

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HOW WILL WE MEET THE ENERGY CRISIS? POWER FOR TOMORROW'S WORLD, by Reed Millard and the editors of Science Book Associates. 1971. Julian Messner Publisher, New York. 189 p. \$4.50 (hardback).

This is a reference book on the environment for high school students. The reader is told of the imminent problem of power shortages and of the conflict between obtaining energy and the pollution of the environment. Several methods of obtaining power in the future are described in detail. Methods of obtaining energy without pollution give the reader hope for the future. Some of the sources of power discussed

are fuels (coal, natural gas, oil), the atom, rivers, the ocean, the earth, and the sun. Methods of transporting energy over long distances are described.

The authors are objective in their discussions of atomic power and other controversial topics. Accounts of how countries other than the United States are solving their energy crisis are given; these show the reader that the energy crisis is an international problem on which all scientists need to work together. The book is well illustrated with black-and-white photographs and diagrams.

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#### Books Received

PRINCIPLES OF ANIMAL BIOLOGY, by Joseph Frankel and Norman E. Williams. 1972. Burgess Publishing Co., Minneapolis. 205 p. \$5.25.

BIOSCIENTIFIC TERMINOLOGY, by Donald M. Ayers. University of Arizona Press, Tucson. 1972. 325 p. \$4.95 (softback).

HAWAIIAN HERBS OF MEDICINAL VALUE, trans. by Akaiko Akana. 1972. Charles E. Tuttle Co., Rutland, Vt. 74 p. \$3.00.

THE UNDERWATER WORLD, by Gwynne Vevers. 1971. St. Martin's Press, New York. 168 p. \$5.95.

INSECTS, by Ross E. Hutchins. 1966. Prentice-Hall, Inc., Englewood Cliffs, N.J. 336 p. \$3.50.

OUR POLLUTED WORLD: CAN MAN SURVIVE?, by John Perry. 1972. Franklin Watts, Inc., New York. 254 p. \$4.95.

PHYSICAL SCIENCE FOR BIOLOGISTS, by J. A. Edgington and H. J. Sherman. 1972. Hilary House Publishers, New York. 237 p. \$6.00.

BEYOND THE OBSERVATORY, by Harlow Shapley. 1972. Charles Scribner's Sons, New York. 223 p. \$2.65.

INTRODUCTION TO GENETICS, by D. G. Mackean. 1972. Transatlantic Arts, Inc., New York. 48 p. \$2.95.

LET'S FIND OUT ABOUT BUTTERFLIES, by Roz Abisch. 1972. Franklin Watts, Inc., New York. 48 p. 33.75.

ANALYZING PERFORMANCE PROBLEMS, by Robert F. Mager and Peter Pipe. 1970. Fearon Publishers, Belmont, Calif. 120 p. \$2.75.

PHYSIOLOGY OF MAN, by L. L. Langley. 4th ed., 1972. Van Nostrand Reinhold Co., New York. 780 p. \$12.95.

THE ELEMENTS OF BIOMETRY, by Kenneth Mather. 1972. Harper & Row, Publishers, New York. 203 p. \$5.50 hardback, \$3.25 softback.

CAREERS IN THE HEALTH FIELD, by Essie E. Lee. 1972. Julian Messner, New York. 192 p. \$4.79.

LABORATORY ANIMALS: AN ANNOTATED BIBLIOGRAPHY OF INFORMATIONAL RESOURCES, ed. by Jules Cass. 1971. Hafner Publishing Co., New York. 472 p. \$14.95.

ELEMENTARY SCHOOL SOCIAL STUDIES FOR TODAY'S CHILDREN, by John E. Ord. 1972. Harper & Row, New York. 301 p.; with instructor's manual. Price not given.

NORTH AMERICAN FRESHWATER LEECHES, EXCLUSIVE OF THE PISCICOLIDAE, WITH A KEY TO ALL SPECIES, by Roy T. Sawyer. 1972. University of Illinois Press, Urbana. 154 p. Price not given.

LIPID BIOCHEMISTRY: AN INTRODUCTION, by M. I. Gurr and A. T. James. 1972. Cornell University Press, Ithaca, N.Y. 243 p. \$7.50.

A DESIGN FOR SOCIAL EDUCATION IN THE OPEN CURRICULUM, by Shirley H. Engle and Wilma S. Longstreet. 1972. Harper & Row, New York. 279 p. Price not given.

LIGHT AND LIVING MATTER, VOL. 2, by Roderick K. Clayton. 1971. McGraw-Hill Book Co., New York. 254 p. \$5.95.

THE AMERICAN BUFFALO IN TRANSITION, by John A. Rorabacher. 1972. North Star Press, St. Cloud, Minn. 160 p. \$6.50.

THE PHYSIOLOGY OF INSECT SENSE, by V. G. Dethier. 1972. Harper & Row, New York. 275 p. \$5.00 softback, \$7.50 hardback.

MODELS OF THE STRUCTURAL-FUNCTIONAL ORGANIZATION OF CERTAIN BIOLOGICAL SYSTEMS, ed. by I. M. Gelfand with V. A. Gurfinkel, S. V. Fomin, and M. L. Tsetlin. 1971. MIT Press, Cambridge, Mass. 405 p. \$16.50.

ANIMAL COLOUR CHANGES AND THEIR NEUROHUMOURS, by George Howard Parker. 1971. Hafner Publishing Co., New York. 377 p. \$12.95.

TEACHING AND THE UNCONSCIOUS MIND, by J. C. Hill. 1971. International Universities Press, New York. 175 p. \$7.50.

NEUROSCIENCES RESEARCH SYMPOSIUM SUMMARIES, VOL. 5, ed. by F. O. Schmitt, et al. 1972. MIT Press, Cambridge, Mass. 566 p. \$12.50.

EDUCATION AND PHYSICAL GROWTH, by J. M. Tanner. 1970. International Universities Press, New York. 144 p. \$6.00.

BEGINNING ECOLOGY, by H. J. Killick. 1971. Ibadan University Press, Nigeria. 131 p. \$2.95.

SOIL ZOOLOGY, by D. S. Madge and G. D. Sharma. 1971. Ibadan University Press, Nigeria. 62 p. \$2.95.

GENERAL ZOOLOGY LABORATORY GUIDE, by James C. Underhill, Magnus Olson, and William D. Schmid. 1972. Burgess Publishing Co., Minneapolis. 110 p. \$3.75.

PLANTS AND MAN, by Samuel R. Rushforth and William D. Tidwell. 1971. Burgess Publishing Co., Minneapolis. 199 p. \$4.75.

THE BIOLOGICAL REVOLUTION, by Corrine Jacker. 1971. Parents' Magazine Press, New York. 253 p. \$4.95.

FRONTIERS OF PSYCHOLOGICAL RESEARCH: READINGS FROM "SCIENTIFIC AMERICAN," ed. by Stanley Coopersmith. 1971. W. H. Freeman & Co., San Francisco. 322 p. \$10.00 hardback, \$4.95 softback.