

# SOCIAL IMPLICATIONS OF BIOLOGICAL EDUCATION

Edited by  
**Arnold B. Grobman**

Teachers and students of life sciences are forced to consider the social implications of biology. The important issues can not be avoided and deserve a full and balanced discussion.

Recognizing this need, the National Association of Biology Teachers invited distinguished biologists to address themselves to a variety of social issues. The result has been a volume ideally suited as a resource for class discussion and as a reference for the teacher of either life sciences or humanities.

The volume includes chapters on the social implications of . . .

## Medicine

by Michael and Lois DeBakey

## Behavior

by James V. McConnell

## Genetics

by Bruce Wallace

## Population

by Garrett Hardin

## Evolution

by Claude A. Welch

Additional statements are given by Vincent Dethier, Martin Schein, Haven Kolb, David Denker, Lawrence Mann and others. This book is available now from the National Association of Biology Teachers for only \$1.95.

## NABT

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being technically correct. The proper words—cotyledon, hypocotyl, embryo, pinnately lobed, palmately lobed—are there. This is the stuff written exams are made of; but the labored use of anatomic labels does little to pique the curiosity of the young reader.

The reader is urged to perform 21 "experiments." Many of these require action on the reader's part and ask open-ended questions; others are thinly disguised lectures on plant structure and are presented in a very didactic manner. The open-ended experiments are a credit to the author: one imagines for a bit that the book truly encourages inquiry. But, alas, one finds an appendix labeled "Answers." The answers tell a child what he *should* have found; so they make all these "experiments" mere cookbook stuff. Actually, some of the "answers" do lead to more questions; but the illusion of inquiry is dashed by the inclusion of this section.

The illustrations, by Ginny Linville Winter, are good, and the one-color printing makes the book attractive. I hope some children will use this book in the intended way: by completing the experiments and comparing their results with the answers. Most children, however, will probably skim through the book and come away with little.

Glenn McGlathery  
University of Colorado  
Denver

## Books Received

- TO FEED A NATION: FARMING IN AMERICA, by J. J. McCoy. 1971. Thomas Nelson, Inc., New York. 192 p. \$4.95.
- HIERARCHICALLY ORGANIZED SYSTEMS IN THEORY AND PRACTICE, by Paul A. Weiss. 1971. Hafner Publishing Co., New York. 263 p. \$3.50.
- WITHIN THE GATES OF SCIENCE AND BEYOND, by Paul A. Weiss. 1971. Hafner Publishing Co., New York. 328 p. \$9.95.
- ANTI-POLLUTION LAB, by Elliott H. Blaustein. 1972. Sentinel Books, New York. 128 p. \$1.50.
- EXPLORING YELLOWSTONE, by Ruth Kirk. 1972. University of Washington Press, Seattle. 120 p. \$2.95.
- THREE-DIMENSIONAL STRUCTURE OF WOOD, by B. A. Meylan and B. G. Butterfield. 1972. Syracuse University Press, Syracuse, N.Y. 80 p. \$7.50.
- ON THE TRACK OF UNKNOWN ANIMALS, by Bernard Heuvelmans. 1972. MIT Press, Cambridge, Mass. 300 p. \$2.95.
- DARK AGES, by Colin and Sarah McEvedy. 1972. Macmillan Co., New York. 64 p. \$6.95.
- AFFECTIVE SUBJECTS IN THE CLASSROOM: EXPLORING RACE, SEX, AND DRUGS, by Charlotte Epstein. 1972. Intext Educational Publishers, San Francisco. 190 p. Price not given.
- SCIENCE OF GEMS, by P. J. Fisher. Charles Scribner's Sons, New York.

1972. 178 p. \$3.95.

- HUMAN BLOOD GROUPS AND INHERITANCE, by S. D. Lawler and L. J. Lawler. 3rd ed., 1972. St. Martin's Press, New York. 97 p. \$5.50.
- 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.
- LABORATORY STUDY OF VERTEBRATE ZOOLOGY, by H. Duane Smith and Clayton M. White. 3rd ed., 1972. Burgess Publishing Co., Minneapolis. 129 p. \$4.50.
- PESTICIDE CHEMISTRY, VOL. 2: INSECTICIDE RESISTANCE, SYNERGISM, ENZYME INDUCTION, ed. by A. S. Tahori. 1971. Gordon & Breach Science Publishers, New York. 302 p. \$12.50.
- PESTICIDE CHEMISTRY, VOL. 3: CHEMICAL RELEASERS IN INSECTS, ed. by A. S. Tahori. 1971. Gordon & Breach Science Publishers, New York. 227 p. \$12.50.
- YOUNG PEOPLE AND EDUCATION, by Arthur H. Cain. 1972. John Day Co., New York. 139 p. \$4.95.
- CONTROL OF INJURIOUS ANIMALS, by J. M. Cherrett, J. B. Ford, I. V. Herbert, and A. J. Probert. 1972. St. Martin's Press, New York. 210 p. \$8.95.
- ECOLOGY OF SOIL FUNGI, by D. M. Griffin. 1972. Syracuse University Press, New York. 193 p. \$9.95.
- VIABILITY OF SEEDS, ed. by E. H. Roberts. 1972. Syracuse University Press, New York. 448 p. \$20.00.
- SHOOT ORGANIZATION IN VASCULAR PLANTS, by K. J. Dormer. 1972. Syracuse University Press, New York. 240 p. \$13.50.
- THE DEAD TREE, by Alvin Tresselt. 1972. Parents' Magazine Press, New York. 45 p. \$4.50.
- CLASSROOM TEST CONSTRUCTION, by Jon Clark Marshall and Loyde Wesley Hales. 1971. Addison-Wesley Publishing Co., Reading, Mass. 335 p. Price not given.
- EVOLUTION OF GENETIC SYSTEMS, ed. by H. H. Smith. 1972. Gordon & Breach Science Publishers, New York. 580 p. \$20.00 hardback, \$6.95 softback.
- NEW WORLD IN THE MORNING: THE BIOPHYSICAL REVOLUTION, by David P. Young. 1972. Westminster Press, Philadelphia. 217 p. \$3.25 (softback).
- STATISTICS: A GUIDE TO THE UNKNOWN, ed. by Judith M. Tanur. 1972. Holden-Day, Inc., San Francisco. 430 p. \$9.95 hardback, \$4.95 softback.
- MAKENS' GUIDE TO U.S. CANOE TRAILS, by James C. Makens. 1971. Le Voyageur Publishing Co., Irving, Texas. 86 p. \$4.95.
- MAMMALS OF THE GREAT LAKES REGION, by William H. Burt. 1972. University of Michigan Press, Ann Arbor. 262 p. \$2.95.
- ESSENTIALS OF HEALTHIER LIVING, by Justus J. Schifferes and L. J. Peterson. 4th ed., 1972. John Wiley & Sons, Inc., New York. 511 p. \$10.95.