

An excellent work, very well done.

\*Seeds and Fruits of Plants of Eastern Canada and Northeastern U.S., by F. H. Montgomery, University of Toronto Press, Toronto, Ontario, Canada. xi + 232 pages. \$25.00. 1977.

EVOLUTION, AND BIOSYSTEMATICS\*—Two small paperbacks, interesting because they are in The Educational Methods series of programmed texts. Evolution takes the reader through Variation, Continuity (gene, DNA, Mitosis/Meiosis, etc.), and the mechanics and theory of evolution. Biosystematics does the same thing in general, but with Diversity, Classification and Nomenclature, Species, etc. Unfortunately, the latter book does not seem to have the content quality of the former, viz., a 6-needle white pine illustration. It probably ought to be called systematics, rather than biosystematics.

Both books are programmed, so that the reader has to answer questions before he can continue. They would be fine for a person wanting a quick survey knowledge of the fields.

\*Evolution, by David H. Ost. 154 pages. Principles of Biosystematics, by Judy L. Lines and Thomas R. Mertens. 137 pages. Both printed by EMI, Chicago, IL. \$3.75 each, paper. 1970.

EAMES' MORPHOLOGY REVISITED\*—A reprint work of Eames' original (1936) classic volume on vascular plants. It is very well done, with most of the photos/charts being exceptionally clear. Accurate and authoritative, but only in the 1936 sense, as the book appears to be a straight reprint with no updating evident—the most recent reference found was 1933 (on an admittedly quick survey).

\*Morphology of Vascular Plants, by Arthur J. Eames. Robert E. Kreiger Publ. Co., Huntington, NY (reprint). xviii + 433 pages. 1977.

PLANTS, FOOD, AND PEOPLE\*—A survey of the food problems facing the world, and what man can do about them. Agricultural methods, pest controls, and alternative sources are considered.

\*Plants, Food, and People, by Moorten J. Chrispeels and David Sadova. W. H. Freeman Co., San Francisco, CA. 278 pages. \$6.50 (paper). 1977.

GREEN PLANT MICROSCOPY\*—A series of some 214 scanning electron microscope studies of all parts of green plants, from the algae up. While the photos are excellent, much botany may be learned from the captions, which are used as explanation of the pictures as well as giving background information.

\*A Scanning Electron Microscope Study of Green Plants, by John N. A. Lott. The C. V. Mosby Co., St. Louis, MO, 170 pages. 1976.

**WORD ROOTS AND COMBINING FORMS—A DICTIONARY\***—In this day of no Latin or Greek, scientific terminology bothers many students (and professors). This little book is a way to solve those problems. The author has listed some 10,000 roots from many languages, and gives their meanings, derivations, pronunciations, usages, etc. Useful for all scientifically trained persons, at least those dealing with scientific terms.

\*Dictionary of Word Roots and Combining Forms, by Donald J. Borror. Mayfield Publ. Co., Palo Alto, CA. 134 pages. (1960) 1971.

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