

One expects comparison and integration of information in a collation, but these are generally lacking. Where synthesis is present, some will think this volume worthwhile for that alone. A. E. Newsome and L. K. Corbett critically analyze the erratic outbreaks of three native rodents and *Mus musculus* in Australia. They conclude that the native species react differently from *Mus* (by not always responding to very favorable conditions, and by responding with a year's lag) because of interactions with predators, because they occupy refugia, and because of the supercompetitive position of *Mus*. This study allows one to draw important contrasts with other irruptive species. J. F. Eisenberg compares the behavior of bipedal rodents in New and Old World deserts, and of bipedal and quadrupedal species within families. There are remarkable convergences, but also surprising differences, as in the degree of food caching and sociability. M. L. Rosenzweig, B. Smigel, and A. Kraft examine the causes of the diversity of rodents in the San Pedro Valley of southeastern Arizona, "the richest local association of rodents in the world." Data from experimental modifications of habitats and other observations suggest that vegetational complexity is the main clue to diversity. Although the authors' laboratory work suggested that the rodents could be coexisting by virtue of seed preferences based on body size, they did not find this to be true in nature.

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Adult Psychology. Ledford J. Bischof. Harper and Row, New York, ed. 2, 1976. xvi, 430 pp. Paper, \$9.95.

Born Curious. New Perspectives in Educational Theory. R. A. Hodgkin. Wiley, New York, 1976. x, 132 pp., illus. \$13.50.

The California Wine Industry. A Study of the Formative Years, 1830-1895. Vincent P. Carosso. University of California Press, Berkeley, 1976. x, 242 pp. \$12.50. Reprint of the 1951 edition. California Library Reprint Series.

Cell Biology. Philip L. Altman and Dorothy Dittmer Katz. Federation of American Societies for Experimental Biology, Bethesda, Md., 1976. xxii, 454 pp. \$45. Biological Handbooks, 1.

Crystal Growth and Characterization. Proceedings of a school, Lake Kawaguchi, Japan, Mar. 1974. R. Ueda and J. B. Mullin, Eds. North-Holland, Amsterdam, and Elsevier, New York, 1975. viii, 420 pp., illus. \$33.95.

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Early American Science. Brooke Hindle, Ed. Science History Publications (Neale Watson), New York, 1976. xiv, 214 pp. Cloth, \$7.95; paper, \$4.95. History of Science Selections from *Isis*.

The Ecology of Man. An Ecosystem Approach. Robert Leo Smith. Harper and Row, New York, ed. 2, 1976. xii, 400 pp., illus. Paper, \$8.95.

The Hunting Hypothesis. A Personal Conclusion Concerning the Evolutionary Nature of Man. Robert Ardrey. Atheneum, New York, 1976. x, 244 pp. \$10.

Intermediate Algebra. Melvin F. Janowitz. Prentice-Hall, Englewood Cliffs, N.J., 1976. xii, 436 pp., illus. \$10.50.

The Loom of Creation. A Study of the Purpose and the Forces That Weave the Pattern of Existence. Dennis Milner and Edward Smart. Harper and Row, New York, 1976. 320 pp., illus. \$14.95.

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Orientation in Social Psychology. Carolyn Wood Sherif. Harper and Row, New York, 1976. xvi, 442 pp. Paper, \$8.95.

Origin and Early Evolution of Angiosperms. Papers from a symposium, Boulder, Colo., Aug. 1973. Charles B. Beck, Ed. Columbia University Press, New York, 1976. x, 342 pp., illus. \$17.50.

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The Role of Culture Collections in the Era of Molecular Biology. Papers from a symposium, Washington, D.C., Sept. 1975. Rita R. Colwell, Ed. American Society for Microbiology, Washington, D.C., 1976. viii, 76 pp., illus. \$12.

Sex and Gender. Vol. 2, The Transsexual Experiment. Robert J. Stoller. Aronson, New York, 1976. viii, 316 pp. \$15.

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Thermodynamic Radiation. Salvatore Guarino. Centro di Analisi del Sesto Senso, Bellavista, Italy, 1975. 274 pp., illus. Paper, \$14.

Thermodynamik. Band 1. Harald Stumpf and Alfred Rieckers. Vieweg, Braunschweig, Germany, 1976. xiv, 458 pp., illus. DM 72.

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Methods in Computational Physics. Advances in Research and Applications. Berni Alder, Sidney Fernbach, and Manuel Rotenberg, Eds. Vol. 15, Vibrational Properties of

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