

## books OF THE WEEK

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**AIR POLLUTION AND ATMOSPHERIC DIFFUSION**—M. E. Beryland Ed.; transl. from Russian by A. Baruch, D. Slutzkin, Ed.—IPSR (Wiley), 221 p., diagrams, tables, \$21.50. Reports results of theoretical and experimental studies of eddy diffusion of atmospheric impurities and industrial pollutants, with emphasis on meteorological factors which affect air pollution.

**AIRBORNE TRANSMISSION AND AIRBORNE INFECTION: Concepts and Methods Presented at the VIth International Symposium on Aerobiology**—J. F. Ph. Hers and K. C. Winkler, Eds.—Wiley, 1973, 610 p., photographs, diagrams, tables, \$37.50. Papers cover a wide range, from rapid detection methods of airborne microbes, landing sites and immunological factors, to transmission and protection of human patients.

**ANNUAL REPORT AND REVIEW OF EVENTS IN 1972**—Smithsonian Inst. Center for Short-Lived Phenomena—Smithsonian Institution, CSLP, 1973, 220 p., photographs, diagrams, paper, \$5. Contains description of water and air pollution events; fauna mortalities, migrations and infestations; flora blooms and mortalities; forest fires; earthquakes; volcanoes; landslides; floods; and astronomical events.

**THE ASTRONOMICAL REVOLUTION:** Copernicus, Kepler, Borelli—Alexandre Koyré, transl. by R. E. W. Maddison—Cornell U Pr, 1973, 531 p., drawings, \$17.50. Traces the three stages that drastically altered man's view of the universe in the 16th and 17th centuries, starting with Copernicus who placed the sun at the center of the universe, Kepler who described the planet's elliptical paths in terms of physical forces, and finally, Borelli who applied the new principles of dynamics to astronomy.

**ASTRONOMICAL TELESCOPES AND OBSERVATORIES FOR AMATEURS**—Patrick Moore, Ed.—Norton, 1973, 256 p., 16 plates, 60 drawings, \$7.95. Provides the essentials of good observation techniques, some theory and practice about telescopes and observatories, describes advantages and disadvantages of various types of apparatus, and discusses in detail the three kinds of observatories—run-off, run-off roof, and dome.

**AN ATLAS OF PRIMATE GROSS ANATOMY: Baboon, Chimpanzee and Man**—Daris R. Swindler and Charles D. Wood—U of Wash Pr, 1973, 370 p., 149 plates of drawings, charts, \$30. The uniqueness of the present work is the simultaneous regional presentation of the anatomical structures of three primates, correlating concise text and illustrations, highlighting the morphological features of a region and the major differences and similarities of the three species illustrated.

**BASIC AUDIO SYSTEMS**—Norman H. Crowhurst—TAB Bks, 1973, 240 p., diagrams, \$7.95; paper, \$4.95. Covers electronic aspects of sound systems in a wide variety of applications, indoors and out, for technicians and hi-fi enthusiasts.

**CAN YOU SPEAK VENUSIAN? A Guide to the Independent Thinkers**—Patrick Moore

—Norton, 1973, 174 p., drawings, \$6.95. Outgrowth of a BBC television program, the book deals with unorthodox speculations in astronomy, and explores some of these assumptions and the reasoning behind them.

**A FIELD GUIDE TO SHELLS of the Atlantic and Gulf Coasts and the West Indies**—Percy A. Morris; William J. Clench, Ed. of 3rd ed.—HM, 1973, 3rd ed., 330 p., photographs, drawings, \$7.95. Entirely reset and enlarged edition, with new plates illustrating all but two of the 1,035 species and subspecies described in this guide.

**ICE-AGE HUNTERS OF THE UKRAINE**—Richard G. Klein—U of Chicago Pr, 1973, 140 p., drawings, tables, \$6.50; paper, \$2.95. The focus of this paleoanthropological study is the question of cultural adaptation to environment in the Ukraine during a crucial interval in human evolution—the Last Glacial period.

**INTERNATIONAL CONFERENCE ON VITAMIN E AND ITS ROLE IN CELLULAR METABOLISM**—Padmanabhan P. Nair and Herbert J. Kayden, Eds.—N. Y. Acad. of Sciences, Annals Vol. 203, 1973, 247 p., diagrams, tables, paper, \$26. Research papers consider the action or possible role of tocopherol in biological membranes, the role of vitamin E at the cellular level, in the hematopoietic system, and aspects of dietary intake and requirements of tocopherol in various species.

**IN SEARCH OF THE MAYA: The First Archaeologists**—Robert L. Brunhouse—U of NM Pr, 1973, 243 p., 33 photographs, \$7.95. A well-researched narrative, concerned mainly with the personalities of eight pioneering explorers of the Mayan ruins in Yucatan and Honduras, including an assessment of their theories.

## new products

**Limnology field study kit** contains the basic equipment for field studies including apparatus for chemical water analysis, biological sample collection and physical data retrieval. Two rugged and portable cases contain materials for easy student use in the field. Equipment selected has been designed for rugged use, yet is economical. The equipment is also basic for water pollution field studies and laboratory investigations.

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**Biological materials catalog** contains pictures, descriptions, prices and order information on a wide variety of biological materials. It contains a complete line of preserved stockyard materials including pig embryos, pig, sheep and beef organs. Other preserved materials are frogs, rats, mice, cats, turtles, snakes, worms, clams and crayfish. Live materials include frogs, rats and mice. Standard packaging is durable, yet lightweight to save on shipping. All preserved specimens are guaranteed free from spoilage for one year, if kept in containers provided.

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**Terrariums** are ideal for life science teachers, veterinary medical labs, and various experimental labs. The terrarium can be used as a miniature hothouse for seedlings or small plants, as a display container for small fish, or as a nesting

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clearly shows how to use the right word in the right place by effectively defining, discriminating and illustrating word meanings. Unlike any thesaurus, it contains thousands of illustrative quotations which clarify shades of meaning. An alphabetical arrangement saves hunting through an index. The book shows antonyms, analogous words or contrasted words. Contains 942 pages.

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