

# books OF THE WEEK

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**THE AIR NET: The Case Against the World Aviation Cartel**—K. G. J. Pillai—Grossman Pubs., 1969, 212 p., \$5.95. Describes the workings of the International Air Transport Association and gives annotated analysis of IATA administration of the world's 104 airlines.

**ARROWS OF MERCY**—Philip Smith—Doubleday, 1969, 244 p., \$5.95. A highly readable account of curare, from poison arrows in the Amazon jungle to its full development for use in clinical anesthesiology.

**BERGSON AND THE EVOLUTION OF PHYSICS**—Ed. and transl. by P. A. Y. Gunter—Univ. of Tenn. Press, 1969, 348 p., photograph, \$10.50. Essays analyze Bergson's contributions to quantum physics, relativity, theory of duration, and the relevance of his thought to 20th century physics as a whole.

**BIOLOGY OF POPULATIONS: The Biological Basis of Public Health**—Brenda K. Sladen and Frederik B. Bang, Eds.—Am. Elsevier Pub. Co., 1969, 449 p., illus., \$17.50. Considers size, growth and quality of populations, as biological attributes integrally interconnected with each other, in relation to ecology, population genetics, social behavior and epidemiology.

**THE BOBWHITE QUAIL: Its Life and Management**—Walter Rosene, foreword by Durward L. Allen—Rutgers Univ. Press, 1969, 418 p., color plates, 65 photographs, diagrams, maps, \$20. Synthesizes old and new information about the game bird and its husbandry in one complete volume of reference.

**COUNTING PEOPLE: The Census in History**—Hyman Alterman—Harcourt, 1969, 368 p., \$6.95. A comprehensive survey of mankind's census activities, from Babylonian to modern times, in Africa, in the Communist countries, ending with the history of the census in America.

**DISEASES THAT PLAGUE MODERN MAN: A History of Ten Communicable Diseases**—Richard Gallagher—Oceana Pubs., 1969, 230 p., illus., \$6. Written in cooperation with WHO, traces each disease from earliest known references and describes what international organizations are now doing to eradicate these diseases.

**THE DOMESTICATION AND EXPLOITATION OF PLANTS AND ANIMALS**—Peter J. Ucko and G. W. Dimbleby—Aldine Pub. Co., 1969, 581 p., illus., \$17.50. Proceedings of Research Seminar in Archaeology and Related Subjects, held in London in 1968, with topics ranging from origins of domestication to evolution of human nutrition.

**THE EXCITEMENT AND FASCINATION OF SCIENCE: A Collection of Autobiographical and Philosophical Essays**—George H. Bishop and others—Annual Reviews, 1969, 566 p., portraits, \$5;

paper, \$1.95. A selection of reprints from Annual Reviews of Biochemistry, Pharmacology, Physical Chemistry and Physiology up to 1965.

**EXCURSIONS IN GEOMETRY**—C. Stanley Ogilvy—Oxford Univ. Press, 1969, 178 p., diagrams, \$6. Stressing the chain of reasoning, the author presents stimulating proofs of such theorems as harmonic division and Apollonian circles, inversion geometry, the hexlet, conic sections, and angle trisection.

**GENETICS LECTURES, Vol. I**—Ralph Bogart, Ed.—Ore. State Univ. Press, 1969, 194 p., illus., paper, \$4. Seminar presentations by leading geneticists. Topics range from lateral and linear redundancy of chromosomes to the evolutionary role of dominant genes.

**THE HORSE IN BLACKFOOT INDIAN CULTURE: With Comparative Material from Other Western Tribes**—John C. Ewers—Smithsonian Inst. (Random House), 1969, 374 p., 17 plates, drawings, \$12.50. Reprint (1955) of classic example of cultural diffusion.

**INFORMATION PLEASE ALMANAC: Atlas and Yearbook 1970**—Dan Golenpaul Associates—Simon & Schuster, 24th ed., 1023 p., photographs, maps, \$3.95. For browsing and reference, features articles on population, social security, crisis in the universities, mathematics, besides facts about the world.

**INTERNATIONAL CHEMISTRY DIRECTORY 1969-70**—Donald M. Bain and Robert L. Alman, Eds.—Benjamin, 1969, 1120 p., \$35; paper, \$12.50. Compilation, from primary sources, catalogs in a single volume up-to-date facts concerning the professional interests and activities of the chemists and biochemists on a worldwide basis.

**INTERNATIONAL PHYSICS & ASTRONOMY DIRECTORY 1969-70**—Donald M. Bain and Robert L. Alman, Eds.—Benjamin, 1969, 802 p., \$35; paper, \$12.50. Directory lists academic departments and faculties of the world's universities, provides faculty index, geographical index of universities, lists laboratories with notes on research, societies, meetings, grants and graduate support, awards, journals and books in print.

**MAN AND HIS ENVIRONMENT**—Don R. Arthur—Am. Elsevier Pub. Co., 1969, 218 p. photographs, illus., maps, \$8.50. Deals with human ecology by presenting a broad synthesis crossing many disciplines, from the origin of man, the influence of environment on survival, to industrial pollution, longevity and mortality.

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**MIND AND MATTER: Man's Changing Concepts of the Material World**—Cecil J. Schneer—Grove Press, 1970, 305 p., diagrams, \$8.50. Aims to introduce the principal ideas of chemistry through the history of evolution.

**THE MUSHROOM HANDBOOK**—Louis C. C. Krieger, new preface and nomenclatural changes by Robert L. Shaffer—Dover, 560 p., 32 color plates, 125 photographs and drawings, paper, \$3.95. Originally published in 1935.

**PATIENTS VIEW THEIR PSYCHOTHERAPY**—Hans H. Strupp, Ronald E. Fox and Ken Lessler—Johns Hopkins Press, 1969, 220 p., \$6.95. In search of criteria for judging the effectiveness of psychotherapy, the authors' research focused on the patients' subjective accounts after termination of therapy, analyzed together with objective data from psychiatric outpatient clinic's files.

**THE PHYSIOLOGY OF CESTODES**—J. D. Smyth—Freeman, 1969, 279 p., illus., \$9. Gives an integrated account of the physiology of parasitic flatworms, from the egg, through the larval stages, to the adult worm, including host-parasite relationships.

**PICTORIAL ASTRONOMY**—Dinsmore Alter, Clarence H. Cleminshaw and John G. Phillips—Crowell, 1969, 3rd rev. ed., 328 p., photographs, diagrams, star maps, \$10. Updated, simple, clear and well-illustrated presentation of solar system, stars and nebulae, comets and meteors, developments in radio and satellite astronomy.

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