DOOKS OF THE WEEK

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ADVANCED PROPULSION CONCEPTS: Proceedings of the Fourth Symposium, 1965—Joseph F. Masi, Chmn.—Gordon & Breach, 1967, 296 p. illus., \$31,50. Contains unclassified research papers on topics ranging from suborbital flight testing of electrical propulsion systems to investigation of catalytic ignition of oxygen/hydrogen systems.

ANIMAL TWILIGHT: Man and Game in Eastern Africa—J. L. Cloudsley-Thompson—Dufour, 1967, 204 p., illus., \$6.95. Traces the history of man's impact on African animals from the Roman games, where they were put to fight men, to their display as a tourist attraction in the National Parks.

ANNUAL REVIEW OF ENTOMOLOGY, Vol. 13—Ray F. Smith and Thomas E. Mittler, Eds.—Annual Reviews, 1968, 488 p., \$8.50. Topics presented range from endocrine control of reproduction in insects to a study on the age structure of insect populations of importance to medicine.

ATOMIC LIGHT, LASERS: What They Are and How They Work—Richard B. Nehrich, Jr., Glenn I. Voran and Norman F. Dessel—Sterling Pub. Co., 1968, 104 p., photographs, diagrams, \$3.95. Nontechnical explanation of what discoveries and experiments during the past six years have produced in various laser devices.

ATOMIC SPECTRA—W. R. Hindmarsh—Pergamon Press, 1967, 368 p., diagrams, paper, \$6. Presents some of the most significant papers in this field, together with an extended introduction interpreting the papers from a present-day point of view.

THE AUDUBON BOOK OF TRUE NATURE STORIES—John K. Terres, Ed.—Crowell, 1968, 294 p., illus, by Walter W. Ferguson, \$6.95. True animal stories, many describing relationship between man and a wild friend.

THE BIRDS AND THE BEASTS WERE THERE—Margaret Millar—Random House, 1968, 241 p., \$5.95. Personal narrative about observing birds and other wild creatures from a home in a wooded canyon near Santa Barbara where the author has identified some 112 bird species, from albatross to yellowthroat.

CAREERS AND OPPORTUNITIES IN SCIENCE—Philip Pollack, rev. by John Purcell, introd. by Glenn T. Seaborg—Dutton, 1968, 224 p., photographs, \$4.95. Updated career book, discusses the growth of the profession and the requirements for a career in science.

THE CASSIOPEIA AFFAIR—Chloe Zerwick and Harrison Brown—Doubleday, 1968, 235 p., \$4.50. Co-authored by a well-known geochemist, this novel concerns itself with the decipherment of an intelligent message from outer space.

CATHOLICS IN COLLEGE: Religious Commitment and the Intellectual Life—James W. Trent

How to Argue



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with Jenette Golds, foreword by John Tracy Ellis—Univ. of Chicago Press, 1968, 366 p., diagrams, \$9. An analysis of empirical data from comparative studies of Catholic students enrolled in public and private colleges between 1959 and 1966.

CHEMICALS FROM FERMENTATION—Peter A. Hahn—Doubleday, 1968, 112 p., plates, diagrams, \$3.95. Intended to serve as an introduction to the fermentation industry, includes concise history, and deals with subject from milk bottle fermentation to discussion of the problems involved in tailoring microbes to meet special needs.

CHEMISTRY AND THE ENVIRONMENT: The Solid Earth, the Oceans and the Atmosphere—Special Reports reprinted from CHEMICAL & ENGINEERING NEWS—Am. Chemical Soc., 1967, 166 p., illus., \$5. Articles explore chemistry's contributions to our understanding of what the earth's environment consists of, how it was formed and how it is changing.

COMMUNITY MENTAL HEALTH: An International Perspective—Richard H. Williams and Lucy D. Ozarin, Eds.—Jossey-Bass, Inc., 1968, 529 p., \$15. Evaluation of community mental health programs, presenting the findings, conclusions and recommendations of 75 researchers from 17 countries.

COMPLEX COMPOUNDS OF TRANSURA-NIDES—A. D. Gel'man and others, transl. from Russian—IPST (Daniel Davey, N.Y.), 1967, 152 p., illus., \$10.25. Deals with the formation of neptunium and of plutonium in aquerous solutions and the complex formation by transplutonium elements in solution.

CURRENT SERIALS RECEIVED BY THE NLL, MARCH 1967—National Lending Library for Science and Technology—HMSO (Brit. Information Services, N.Y.), 1967, 423 p., \$8. Contains more than 26,000 current titles in the fields of the natural sciences, technologies and the social sciences. Includes list of cyrillic titles, and of cover-to-cover translations.

DEFENSE OF THE REALM: British Strategy in the Nuclear Epoch—R. N. Rosecrance—Columbia Univ. Press, 1968, 308 p., \$7.50. Surveys the strengths and weaknesses of Britain's defense in the contemporary period, with emphasis on the first postwar decade. Records the important contributions of British strategy in spite of her diminishing influence.

DICTIONARY OF APPLIED GEOLOGY: Mining and Civil Engineering—A. Nelson and K. D. Nelson—Philosophical Lib., 1967, 421 p., diagrams, \$17.50. Intended for students and engineers, covers the field from "Aa Structure" to 'Zunyite."

EDIBLE NATIVE PLANTS OF THE ROCKY MOUNTAINS—H. D. Harrington—Univ. of New Mexico Press, 1967, 392 p., illus. by Y. Matsumura, \$8.95. A botanical description of edible plants in the Rocky Mountain region, with ethnobotanical information about their historical uses, and with recipes for cooking and the making of dyes. dyes.

THE ELECTRON-REPULSION THEORY OF THE CHEMICAL BOND—William Fay Luder—Reinhold, 1967, 108 p., diagrams, paper, \$3.50. Presents new models in atomic structure, based on the electron-repulsion theory of atomic and molecular structure proposed by Linnett as an alternative to the standard quantum theory.

THE ELEMENTS OF SCIENTIFIC AND SPE-CIALIZED TERMINOLOGY—Theodore F. Brun-ner and Luci Berkowitz—Burgess Pub. Co., 1968, 148 p., paper, \$4.25. Provides the premedical stu-dent with a basic list of Latin and Greek word roots, prefixes and suffixes, as well as a set of rules for combining these various components into meaningful words.

THE EVOLUTION OF STARS: How They Form, Age and Die—Thornton Page and Lou Williams Page, Eds.—Macmillan, 1968, 334 p., 100 illus, \$7.95. Volume 6 of SKY AND TELESCOPE Library of Astronomy. Contains more than 80 articles on the internal constitution of sun and stars, stellar spectra, ages of star clusters, star formation, stellar explosions and changes in chemical composition.

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THE FREE-LIVING LOWER INVERTE-BRATES—Frederick M. Bayer and Harding B. Owre—Macmillan, 1968, 229 p., illus., \$12.95. A broad survey, amply illustrated, of the five accoelomate phila, suitable for use at the advanced undergraduate level.

GENETIC DIVERSITY AND HUMAN BE-HAVIOR—J. N. Spuhler, Ed.—Aldine Pub. Co., 1968, 291 p., diagrams, \$7.50. Comprehensive over-view of current knowledge on genetic inheritance in behavioral development, brings together re-search in the fields of anthropology, biology, ge-netics and psychology. netics and psychology.

GLUTTONS AND LIBERTINES: Human Problems of Being Natural—Marston Bates—Random House, 1967, 244 p., 55.95. Informal essays by biologist examining preconceived notions of what is natural in habits of food, sex and clothing and other daily pursuits of man.

GROUPS IN THE NEW MATHEMATICS: An Elementary Introduction to Mathematical Groups through Familiar Examples—Irving Adler—Day. 1967, 274 p., diagrams by Ruth Adler and Ellen Viereck, \$7.95. Shows how the idea of group may be introduced through examples that can be understood by school children above the sixth grade.

A GUIDE TO SCIENCE and Index to the LIFE Science Library—Editors of LIFE—Time-Life Bks.. 1968, 208 p., illus., \$3.95 direct to publisher, Time Life Bldg., Chicago, III. 60611. Combines essay, tracing the evolution of science, and eight picture essays describing the major fields of science with comprehensive index covering the 25 volumes in the series.

HIGH ENERGY ASTROPHYSICS, Vol. III—C. DeWitt, E. Schatzman and P. Veron, Eds.—Gordon & Breach, 1967, 449 p., diagrams, \$12.50; paper, \$8.50. Lectures delivered at Les Houches during 1966 NATO Summer School of Theoretical Physics, devoted to general relativity and problems of extreme densities, in particular to gravitational collapse and the structure of neutron stars.

HUMAN VARIATION AND ORIGINS: An Introduction to Human Biology and Evolution—Readings from SCIENTIFIC AMERICAN. introd. by W. S. Laughlin and R. H. Osborne—Freeman, 1967, 297 p., 252 illus., \$10; paper. \$4.95. Articles cover processes and history, intraindividual variation, intra- and interpopulation variation.

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