

books OF THE WEEK

AMERICAN INDIAN MEDICINE—Virgil J. Vogel—Univ. of Okla. Press, 1970, 583 p., illus., \$12.50. Scholarly work, pays major attention to the indigenous botanical drugs used in rational Indian therapy, as apart from ritual, and shows the effect of Indian medicinal practices on white civilization.

AMERICAN MEN OF SCIENCE: The Physical & Biological Sciences, 11th ed., SUPPLEMENT 6—Ed. by Jaques Cattell Press—Bowker, 1970, 784 p., \$25. Latest supplement to biographical directory of U.S. and Canadian scientists, contains 9,000 new entries, as well as notices and changes on 17,500 scientists covered in earlier volumes.

BIRTHRIGHT OF MAN: A Selection of Texts—Jeanne Hersch, Ed.—UNESCO (Unipub, N.Y.), 1970, 591 p., illus., \$12. Anthology of short texts on human rights, selected from a wide variety of cultures and periods, from 3,000 B.C. to 1948, the year of the Universal Declaration of Human Rights.

A BRIEF GUIDE TO SOURCES OF SCIENTIFIC AND TECHNICAL INFORMATION—Saul Herner—Information Resources Press, 1970, 102 p., illus., paper, \$4.25. Annotated guide to directories, sources describing ongoing R&D, current or recent R&D, major American resource collections, and related information.

CERAMIC NUCLEAR FUELS: International Symposium, 1969—Owen L. Kruger and Alexis I. Kaznoff, Eds.—Am. Ceramic Soc., 1970, 252 p., illus., \$20. Reference on research in fast reactor fuel materials, properties of oxides, carbide compatibility, and analysis of factors affecting fuel pin lifetime.

CHANGING PATTERNS: An Atypical Autobiography—Sir Macfarlane Burnet—Am. Elsevier Pub. Co., 1970, 282 p., photographs, illus., \$8.50. The Australian Nobelists' account of the way in which scientific aspects of medicine have changed as new concepts of human biology emerged during his lifetime of biological research.

THE COSTS OF ACCIDENTS: A Legal and Economic Analysis—Guido Calabresi—Yale Univ. Press, 1970, 340 p., \$10. Combines modern economic analysis and legal policy to develop a framework for evaluating different systems of accident law.

CRISIS IN THE SKIES—Joseph Laurance Marx—McKay, 1970, 274 p., \$6.95. A journalist reports on the present state of commercial aviation, airports, airplanes and safety.

EDUCATION AND JOBS: The Great Training Robbery—Ivar Berg with Sherry Gorelick, foreword by Eli Ginzburg—Praeger, 1970, 200 p., tables \$7.50. Analysis of data on the relations of study to employment, based on a critical review of the principal empirical studies concerned with this theme. Findings show that, contrary to the push for more education, increasingly more persons tend to be in jobs that utilize less education than they have.

ELECTRONIC CIRCUIT DESIGN HANDBOOK—Editors of EEE Magazine—TAB Bks., 1970, 3rd rev. ed., 383 p., illus., \$17.95. Collection of 573 circuits selected for their originality, sophistication and usefulness, arranged by function and applications.

ENVY: A Theory of Social Behaviour—Helmut Schoeck, transl. from German by Michael Glenny and Betty Ross—Harcourt, 1970, 408 p., \$7.50. Sociologist's study of the "envy syndrome" in individual, social, political and international behavior.

EXPERIMENTS IN CIVILIZATION: The Effects of European Culture on a Native Community of the Solomon Islands—H. Ian Hogbin—Schocken Bks., 1970, 268 p., plates, \$8.50. Pioneer study in the Pacific area, first published in 1939.

A FIELD GUIDE TO THE INSECTS OF AMERICA NORTH OF MEXICO—Donald J. Borror and Richard E. White—Houghton, 1970, 404 p., 1300 illus. by authors, \$5.95. Covers 579 families of insects and other arthropods, includes information for collectors, discusses general structures of insects followed by systematic chapters.

GUIDE TO COMMERCIAL HYDRO-PONICS—Meir Schwarz, transl. from Hebrew—Israel Univ. Press (Davey, Daniel), 1969, 136 p., photographs, diagrams, paper, \$5. Observations and practical suggestions based on research carried out at the Negev Institute for Arid Zone Research.

HANDBOOK OF NUMERICAL HARMONIC ANALYSIS—V. I. Krylov and L. G. Kruglikova, transl. from Russian by David Louvish—I.P.S.T. (Davey, Daniel), 1969, 155 p., \$7.50. Brings together methods for computing Fourier coefficients, numerical Fourier transforms, and tables related to some of the methods described.

HOW TO READ ELECTRONIC CIRCUIT DIAGRAMS—Robert M. Brown and Paul Lawrence—TAB Bks., 1970, 192 p., illus., foldout charts, \$7.95. Teaches the skill to recognize each diagram for its intended purpose and to derive the correct information from the maze of symbols and lines.

HUMAN RESOURCES AND HIGHER EDUCATION: Commission Staff Report—John K. Folger, Helen S. Astin and Alan E. Bayer—Russell Sage Foundation, 1970, 475 p., diagrams, \$17.50. Gives summary of manpower problems and issues, discusses supply and demand of college graduates by profession, mobility of manpower, education of women, low socioeconomic groups, international exchange, manpower planning, and research needed on talented manpower.

MINERALS YEARBOOK 1968, Vol. I-II: Metals, Minerals and Fuels—Bureau of Mines Staff—GPO, 1970, 1208 p., tables, \$6.25. Provides a record of performance of the world's minerals industries during 1968, with sufficient background information to interpret the year's developments.

POPULATION GROWTH AND THE BRAIN DRAIN—F. Bechhofer, Ed.—Edinburgh Univ. Press, 1969, 236 p., diagrams, tables, \$7.95. Demographic studies

on migration and the brain drain; its challenge to European integration; international mobility in the medical profession; and economic and political consequences of selective migration.

THE QUANTUM PHYSICISTS and an Introduction to Their Physics—William H. Cropper—Oxford Univ. Press, 1970, 257 p., illus., paper, \$4. Gives an account of the development, the formal basis and the beautiful equations of the mathematical theory of quantum physics, from Planck to Dirac.

RADIOLOGICAL HEALTH HANDBOOK—Bureau of Radiological Health and Training Institute, Environmental Control Administration—PHS (GPO), rev. ed., 1970, 458 p., graphs, tables, paper, \$4. Expanded and updated basic reference.

SCIENCE IN FRANCE IN THE REVOLUTIONARY ERA—Thomas Bugge, Maurice P. Crosland, Ed.—MIT Press, 1970, 239 p., \$10. A description of the scientific scene in Paris in the recorded account of the Danish Astronomer Royal, member of the International Commission on the Metric System (1798-1799).

SCIENCE PROBES THE EARTH: New Frontiers of Geology—William Matthews III—Sterling, 1970, 176 p., illus., \$4.95. Gives a well-illustrated overview of the latest applications of scientific knowledge to further inquiry in geological research.

SOCIAL INNOVATION IN THE CITY: New Enterprises for Community Development—Richard S. Rosenbloom and Robin Marris, Eds.—Harvard Univ. Press, 1970, 200 p., diagrams, paper, \$4. Collection of working papers revealing the inability of existing institutions and traditional approaches to cope with the problems of the modern urban ghetto.

STUDY ABROAD: International Scholarships and Courses, 1970-1971, 1971-1972—UNESCO (Unipub, N.Y.), 1969, 18th ed., 660 p., paper, \$6. Provides students with information on the best resources of teaching in almost any academic subject and travel opportunities to virtually every country in the world.

THE TENRECS: A Study in Mammalian Behavior and Evolution—J. E. Eisenberg and Edwin Gould—Smithsonian Inst. Press (GPO), 1970, 137 p., photographs, diagrams, map, \$3.25. On the behavioral evolution of a diversified family of insectivorous mammals, confined to the island of Madagascar where 25 forms have adapted to aquatic, underground and semi-arboreal ecological niches.

TWO WORLDS OF CHILDHOOD: U.S. and U.S.S.R.—Urie Bronfenbrenner; John C. Condry, Jr., Asst.—Russell Sage Foundation, 1970, 190 p., illus., \$7.95. Derived from crosscultural research projects and the author's field observations and interviews, the book analyzes Soviet methods of upbringing and compares them with child rearing in the U.S., past, present and potential.

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