

books OF THE WEEK

Listing is an editorial service for readers' information. For convenient purchase of any book listed or any U.S. book in print, remit retail price (we pay postage) plus 25c handling charge if price is less than \$2 to Book Order Service, Science News, 1719 N. St., N.W., Washington, D.C. 20036. Prices subject to publishers' changes. Be sure to include zip code in your address.

ADVENTURES OF THE PACIFIC—A. Grove Day, foreword by James A. Michener—Meredith Press, 1969, 303 p., plates, \$6.95. Historical tales from Polynesian atolls and the islands of Melanesia, showing how people survived through their own cunning and courage.

THE ALBUQUERQUE NAVAJOS—William H. Hodge—Univ. of Ariz. Press, 1968, 76 p., maps, paper, \$4. A study of American urban Indians, analyzes comparative data for off-reservation Indians, the urban-reservation system and its products, with conclusions and suggestions for additional research.

ANIMAL SOCIAL PSYCHOLOGY: A Reader of Experimental Studies—Robert B. Zajonc—Wiley, 1969, 325 p., illus., \$10.95. Review of the literature of experimental studies dealing with behavioral dependence, such as imitation, social deprivation, affiliation and aggressive behavior, and studies of behavioral interdependence demonstrated through communication, cooperation, competition and dominance.

ANTI-BALLISTIC MISSILE: YES OR NO? A Special Report from the Center for the Study of Democratic Institutions—Donald G. Brennan, Jerome B. Wiesner and others, introd. by Hubert H. Humphrey, epilogue by William O. Douglas—Hill & Wang, 1969, 147 p., paper, \$1.75. Intended as a guide and reference for citizens seeking information on the ABM.

THE AQUATIC SNAILS OF THE FAMILY HYDROBIIDAE OF PENINSULAR FLORIDA—Fred G. Thompson—Univ. of Fla. Press, 1968, 268 p., illus., \$8. A study of the zoogeography, systematics and ecology of fresh and brackish water snails of the family Hydrobiidae in the area from the Suwanee River system and the St. Marys River system south, including the Florida Keys.

BIRTH CONTROL AND LOVE: A Complete Guide to Contraception and Fertility—Alan F. Guttmacher, M.D. with Winfield Best and Frederick S. Jaffe—Macmillan, 1969, rev. ed., 337 p., illus., \$6.95. Authoritative, up-to-date discussion of contraception and overcoming infertility, with detailed consideration of the pill, the IUD, rhythm, sterilization, abortion and artificial insemination.

CAVERNS OF THE WORLD—Alonzo W. Pond—Norton, 1969, 178 p., photographs, \$4.50. Discusses the various major types of caves and how they are formed, describes the kinds of formations within these underground regions, as well as the creatures that live in the darkness.

CELL CULTURES FOR VIRUS VACCINE PRODUCTION—Donald J. Merchant, Ed.—Nat'l Cancer Institute (GPO), 1969, 608 p., 36 plates, \$7.25. Conference proceedings discussing the properties of three distinct cell culture systems, each of which has the capability of mass producing a wide range of virus vaccines. The systems are primary cultures, diploid or finite cell lines, and continuous cell lines.

THE CHILDREN OF THE DREAM—Bruno Bettelheim—Macmillan, 1969, 363 p., \$6.95. Based on intensive research in a representative Israeli kibbutz and on interviews, the book is an analysis of the first new generation to be born and brought up in a kibbutz, thoroughly exploring this new concept of child-rearing in comparison with American methods of raising children in both middle-class homes and slums.

CIVIL DISOBEDIENCE: Theory and Practice—Hugo Adam Bedau, Ed.—Pegasus, 1969, 282 p., \$7.50; paper, \$1.95. Selection of current legal, political and philosophical studies of civil disobedience in today's civil rights and peace movements, provides a critical perspective of actual practice and interpretation of theory.

THE CIVILIZATIONAL PROCESS—Darcy Ri-

beiro, transl. from Portuguese with foreword by Betty J. Meggers—Smithsonian Institution (Random House), 1969, 201 p., fold-out charts, \$6.50. Original study by Brazilian anthropologist, deals with the dynamics of cultural change in man's cultural evolution around the world over the past 10,000 years. Attempts a system of classification based on the interrelation of social, ideological and technological phenomena.

COMMUNITIES IN DISASTER: A Sociological Analysis of Collective Stress Situations—Allen H. Barton—Doubleday, 1969, 352 p., diagrams, \$6.95. Summarizes and examines what social science research has discovered so far about the individual and social response to collective stress, ranging from natural disasters to man-made ones, and including such long-term stresses as depressions and chronic poverty.

CREATING WITH MATERIALS FOR WORK AND PLAY—Glenn O. Blough and others, Jeanne W. Quill and Margaret Rasmussen, Eds.—Assn. for Childhood Educ., 1969, rev. ed., 12 leaflets, illus., paper, \$1.25 direct to publisher, 3615 Wisconsin Ave., N.W., Washington, D.C. 20016. Instructs how to make materials for science experiments, modeling, nature study and other educational activities.

CURRENT THERAPY 1969: Latest Approved Methods of Treatment for the Practicing Physician—Howard F. Conn, Ed.—Saunders, 1969, 945 p., \$15. In concise and specific chapters, prominent physicians in their respective fields tell how they would treat a patient today with the particular disease in question.

DISCOVERY, INVENTION, RESEARCH: Through the Morphological Approach—Fritz Zwicky—Macmillan, 1969, 276 p., diagrams, \$6.95. The author, a well-known physicist and astronomer, develops a new method of problem-solving not only in the realms of science, technology and world-affairs, but in every field of human endeavor, by presenting a way of seeing parts in terms of the whole.

THE ECONOMIC EFFECT OF DECLINING FERTILITY IN LESS DEVELOPED COUNTRIES—Gavin W. Jones—Population Council, 1969, 30 p., graphs, paper, free upon request direct to publisher, 245 Park Ave., New York, N.Y. 10017. On the implications of different population trends for economic development in low-income countries.

ELECTRICAL SIGNS OF NERVOUS ACTIVITY—Joseph Erlanger and Herbert S. Gasser—Univ. of Pa. Press, 1968, 242 p., illus., \$7.50. Republication of 1937 work considered a milestone in the field of neurophysiology, includes the authors' complete bibliographies.

THE EPITOME OF ANDREAS VESALIUS—Transl. from Latin with preface and introd. by L. R. Lind, anatomical notes by C. W. Asling, foreword by Logan Clendinning—M.I.T. Press, 1969, 131 p., illus., \$10; paper, \$3.45. A brief summary of what Vesalius said he was trying to do, what he found and what he meant to convey in his descriptive anatomy and anatomical atlas.

GUIDE TO GOVERNMENT-LOAN FILM (16 mm), 1969/70—Daniel Sprecher—Serina Press, 1969, 130 p., paper, \$4.95. Arranged by agencies, the guide gives addresses of state film libraries and brief synopses of more than 900 listed films, with alphabetical title list and subject index.

HOMES BENEATH THE SEA: An Introduction to Ocean Ecology—Boris Arnov, Jr.—Little, Brown, 1969, 131 p., photographs, \$4.50. Tells many fascinating facts about different kinds of animals and plants in a variety of ocean habitats, about food chains, the balance of nature and population densities in tide-water pools, coral reefs and on the ocean floor.

I'M OK—YOU'RE OK: A Practical Guide to Transactional Analysis—Thomas A. Harris, M.D.—Harper, 1969, 278 p., diagrams, \$5.95. Transactional Analysis confronts the individual with the fact that he is responsible for becoming a mature adult, it tries to help him by explaining four basic life positions underlying people's behavior, three of which must be outgrown before the individual accepts the adult reaction—I'm o.k., you're o.k.

INVENTION, DISCOVERY AND CREATIVITY—A. D. Moore—Doubleday, 1969, 178 p., photographs, \$4.95; paper, \$1.45. Probes the nature of creativity generally, as well as its manifestation in certain individuals, tells how it can be encouraged, developed and put to use.

ASTRONOMY

For You Each Month!

Enjoy **SKY AND TELESCOPE** magazine, devoted to astronomy and space science. Profusely illustrated. Observing and telescope making departments, monthly planet and star charts. Subscription in U.S.: \$7.00, 1 year; \$13.00, 2 years. Sample copy 75 cents.

SKY AND TELESCOPE Dept. SNL Cambridge, Mass. 02138

LASER COMMUNICATION SYSTEMS—William K. Pratt—Wiley, 271 p., illus., \$14.95. Directed toward practicing physicists and engineers, the book is concerned with the analysis and design of laser communication systems; derivations of the basic design relationships and performance criteria such as the probability of detection error are developed for pulse and digital laser communication systems.

OUR NORTHERN SHRUBS and How to Identify Them—Harriet L. Keeler new Appendix of Nomenclatural Changes by Edward G. Voss—Dover, 1969, 540 p., 240 illus., paper, \$3.75. Describes both indigenous and well-established shrubs of the region extending from the Atlantic Ocean to the Mississippi River, from Canada to the northern boundaries of the Southern States.

PRODUCT SAFETY IN HOUSEHOLD GOODS—F. Reed Dickerson, Ed.—Bobbs-Merrill, 1969, 190 p., \$7.50. Annotated study deals with the legal aspects of consumer protection, discusses studies of individual product hazards and solutions to the problems they raise, suggests framework on which to rest legal liability and protection.

PSYCHOLOGICAL AND SOCIAL ASPECTS OF HUMAN TISSUE TRANSPLANTATION: An Annotated Bibliography—Jacquelyn H. Hall and David D. Swenson—PHS (GPO), 1969, 57 p., paper, 40¢. Bibliography of materials selected for their relevance to psychological, psychiatric, ethical, social and legal matters in the use of human tissue and in the artificial maintenance of life.

THE REHABILITATION PLANNING GAME: A Study in the Diversity of Neighborhood—Langley Carleton Keyes, Jr.—M.I.T. Press, 1969, 253 p., maps, \$10. The rehabilitation game introduces neighborhood people as the players with whom the redevelopment authority must negotiate, this study follows the progress of negotiation through three Boston projects, from inception to plan approval.

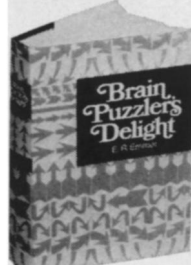
201 RUSSIAN VERBS FULLY CONJUGATED IN ALL THE TENSES: Alphabetically Arranged—Patricia Anne Davis—Barron's, 1969, 217 p., paper, \$2.95. Valuable aid to students of Russian.

THE USE OF DRUGS IN ANIMAL FEEDS: Proceedings of a Symposium—C. R. Smith, Chmn.—NAS-NRC, 1969, 407 p., illus., paper, \$8.50. Evaluates knowledge concerning the use of drugs in feeds, examines the public health significance of this practice which has become widespread, and identifies areas in which further research is needed.

WEATHER AND HEALTH: An Introduction to Biometeorology—Helmut E. Landsberg—Doubleday, 1969, 148 p., diagrams, \$4.95; paper, \$1.25. Stimulates interest in the atmospheric sciences by encouraging student and layman to find out for himself how environmental factors of temperature, humidity and radiation affect man.

THE WORLD OF LEARNING, 1968/69—Europa Pubns. Ltd., 1969, 19th ed., 1757 p., \$28.50. Very useful reference work, gives comprehensive, up-to-date information on universities, colleges, libraries, research institutes museums and learned societies, citing names and subjects of professors at leading universities, alphabetically arranged by countries, from Afghanistan to Zambia. Includes section giving details on more than 400 international scientific, educational and cultural organizations.

Brain Puzzler's Delight



By E. R. Emmet

A treasury of unique mind-stretching puzzles that can be solved by straight, logical thinking and reasoning. No specialized math. Offers the pleasures of discovering solutions through use of ingenuity, imagination, insight, and logic. Stimulates and refreshes the mind. Fascinating, entertaining puzzles, arranged in order of difficulty, with (some amazing!) solutions and full explanations at end of book.

ILLUSTRATED • Order Now!

\$4.95 Postfree • 10-Day Money-Back Guarantee

EMERSON BOOKS, Inc., Dept. 126-S
251 West 19 Street, New York, N.Y. 10011

LANGUAGES? Easy!

Listen & Learn. Only course designed for travel, everyday life. 3 12" records, full of practical phrases, English & language recorded. Full manual with record text, phonetic transcription. Separate sets: Spanish, French, German, Italian, Russian, Japanese, Portuguese, Greek, Hebrew, \$5.95 each. Money-back guarantee. Dept. SNL, Dover, 180 Variek St., N.Y., N.Y. 10014

April 5, 1969/vol. 95/science news/343