

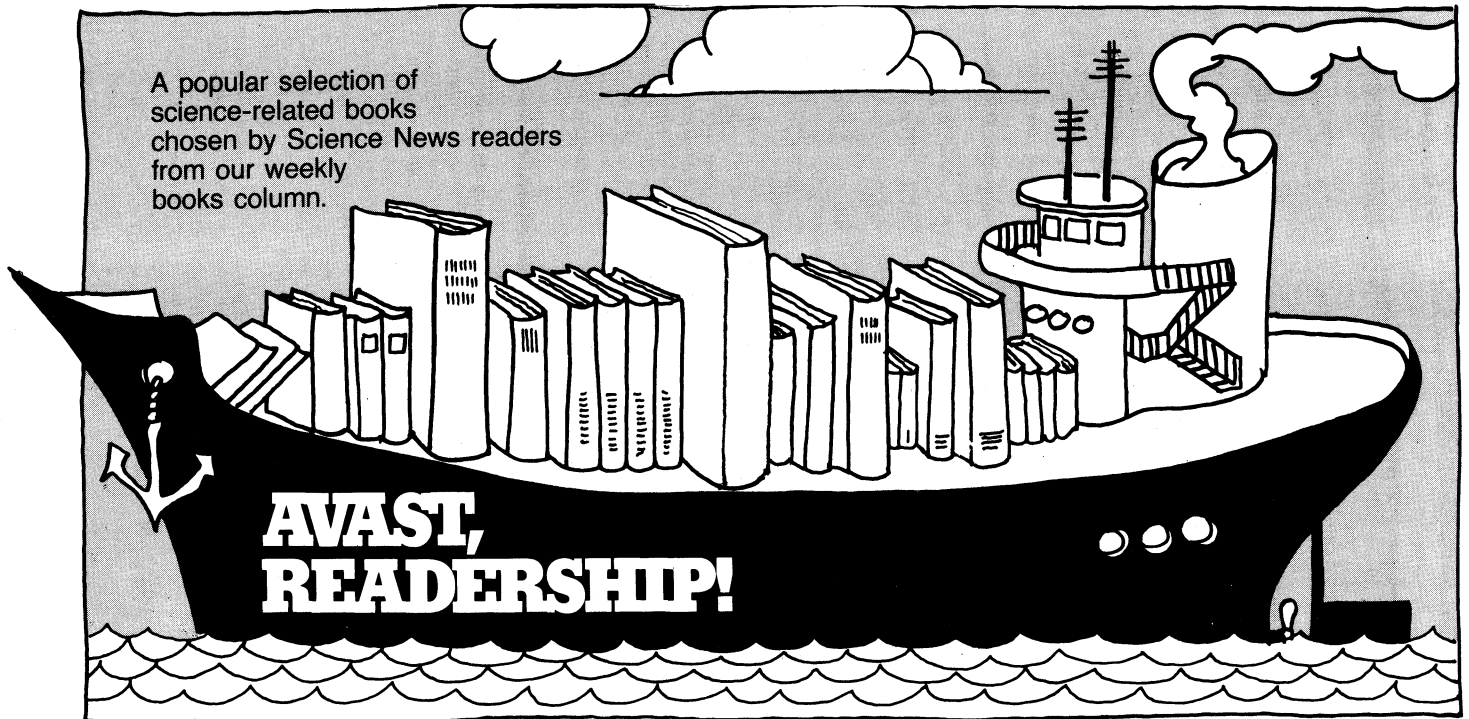
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**BIOLOGICAL
ROOTS OF
EMOTIONS**

A popular selection of science-related books chosen by Science News readers from our weekly books column.



ANIMAL COMMUNICATION—Hubert and Marble Frings—U of Okla Pr, 1977, 2nd rev. ed., 207 p., photographs, drawings, \$9.95. Pioneer researchers in the field of animal communication, offer the layman an absorbing new way of looking at the animal world, a view of the earth's creatures engaged in a complex network of purposeful message bearing. [1]

ARCHAEOLOGY FOR EVERYONE—Mark Feldman—Quadrangle, 1977, 366 p., illus., \$12.50. Discusses the purpose and scope of the amateur archeologist in the U.S., permission required, training and discipline, institutions for historic preservation, archaeological sites, museums, the tasks of excavating, recording and preserving. [2]

ATLAS OF CRYSTAL STEREOGRAMS—Richard M. Pearl—Earth Sci Pub Co, 1976, 80 p., photographs, 119 stereograms, paper, \$3.75; optional: folding Taylor-Merchant stereopticon viewer: \$1.25. Collection of stereoscopic drawings of crystal geometry with descriptions, and introduction to the subject of crystal classification. [3]

THE COLLAPSING UNIVERSE—Isaac Asimov—Walker, 1977, 204 p., tables, \$8.95. In telling the story of the black holes to the layman, the author clarifies the scientific facts behind the brilliant new perceptions of the cosmos. [4]

EXPERIMENTS IN ASTRONOMY FOR AMATEURS—Richard Knox—St Martin, 1977, 206 p., diagrams, \$8.95. Stressing experimentation and participation, book suggests much practical work, experiments and exercises, using simple devices that the amateur can make, and none which require an expensive astronomical telescope. [5]

FLYING TO THE MOON AND OTHER STRANGE PLACES—Michael Collins—FS&G, 1976, 164 p., photographs, \$6.95. Astronaut and now director of the Smithsonian's Air Museum writes about past and future spaceflights in a personal and highly readable style. [6]

FOOD POWER FROM THE SEA: The Seaweed Story—Lee Fryer and Dick Simmons—Mason/Charter, 1977, 235 p., illus. by Christine Becker, \$9.95; paper, \$5.95. Deals with the use of seaweeds and fish wastes, and their value as fertilizers. Includes recipes, glossary and directory of suppliers. [7]

HABITS: How We Get Them, Why We Keep Them, How We Kick Them—Richard Stiller—

Nelson, 1977, 157 p., diagrams, \$6.95. The ease with which humans become habituated is an important intellectual advantage. Without this ability to form new habits we might not have survived as a species. This readable book is about the psychological, physiological and philosophical aspects of habit. [8]

JANE'S POCKET BOOK OF SPACE EXPLORATION—T. M. Wilding-White—Collier/Macmillan, 1977, 238 p., photographs, paper, \$5.95. Depicts and describes vehicles, U.S. and foreign, in five categories—manned, interplanetary, scientific and applications, plus launch vehicles. Lists role, data, height, diameter, orbital mass, spacecraft, payload program and launch vehicle. Includes chronology tables. [9]

THE KEY TO THE UNIVERSE: A Report on The New Physics—Nigel Calder—Viking, 1977, 200 p., photographs, diagrams, \$14.95. Without technical jargon, the richly illustrated book introduces the reader to the new forms of cosmic forces, the realms of galaxies and atoms, the discoveries of high-energy research and astrophysics. [10]

MIGRAINE—Frederic Speer, M.D.—Nelson-Hall, 1977, 158 p., illus., \$8.95; paper, \$5.95. Intended to help the migraine sufferer understand the nature of the illness, in order to control it—know how it acts, what factors bring on attacks, and how exposure to these factors may be avoided. [11]

MORE GAMES FOR THE SUPER-INTELLIGENT—James F. Fixx—Doubleday, 1976, 112 p., illus., \$5.95. Math, logic, and word puzzles, compiled with the help of MENSA, to delight the puzzle addict. [12]

NEWCOMB'S WILDFLOWER GUIDE: An Ingenious New Key System for Quick, Positive Field Identification of the Wildflowers, Flowering Shrubs and Vines of Northeastern and North-central North America—Lawrence Newcomb—Little, 1977, 490 p., illus. by Gordon Morrison, \$6.95. [13]

OUR CHANGING UNIVERSE: The New Astronomy—John Gribbin—Dutton, 1976, 160 p., color and b&w photographs, \$11.95. Concise outline of the currently known universe as explored by radio and X-ray astronomy. [14]

PROLONGEVITY—Albert Rosenfeld—Knopf, 1976, 280 p., \$8.95. Reports on a wide range of scientific discoveries now being made about aging and dying, their promise of an extended

human life span without senility, and explores the consequences of such a prospect. Full bibliography included. [15]

THE SIERRA CLUB SUMMER BOOK—Linda Allison—Sierra/Scribner, 1977, 160 p., illus., \$7.95, paper, \$4.95. A collection of various summer activities for children that include a great number of simple science experiments. [16]

THE SMELL BOOK: Scents, Sex and Society—Ruth Winter—Lippincott, 1976, 176 p., \$7.95. Tells what is known about the sense of smell, smell signatures, primary odors, sickly smells, the scent of sex, perfumes, scent manipulators, and the human use of common smells. [17]

THE VNR CONCISE ENCYCLOPEDIA OF MATHEMATICS—W. Gellert et al., Eds.—Van Nos Reinhold, 1977, 760 p., 55 plates, 700 diagrams in color, \$14.95. Explains every specialized area of mathematics, systematically subdivided, describes the interrelationships between the various mathematical branches that have emerged from antiquity to our time. [18]

SCIENCE NEWS CHOICE BOOKS

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