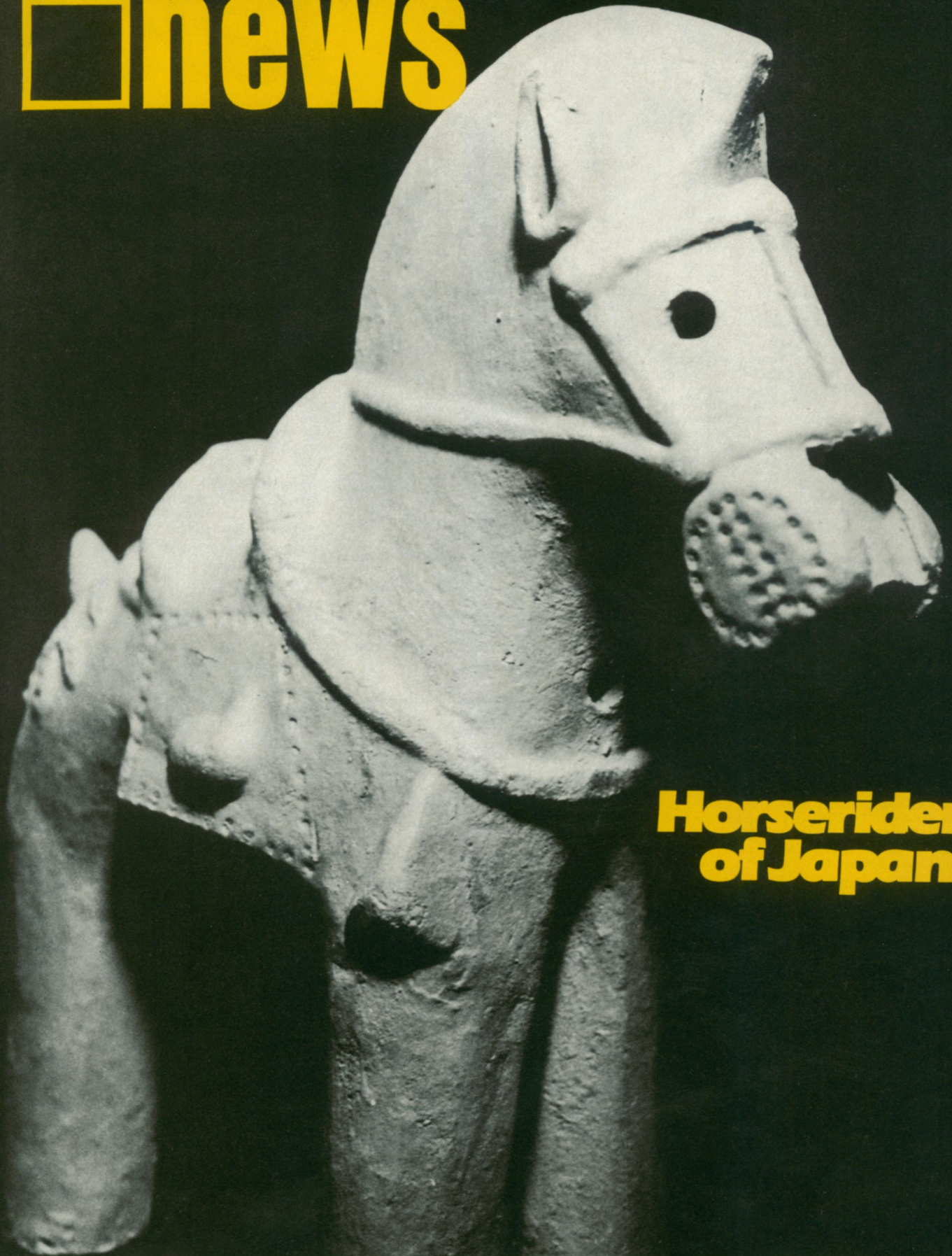
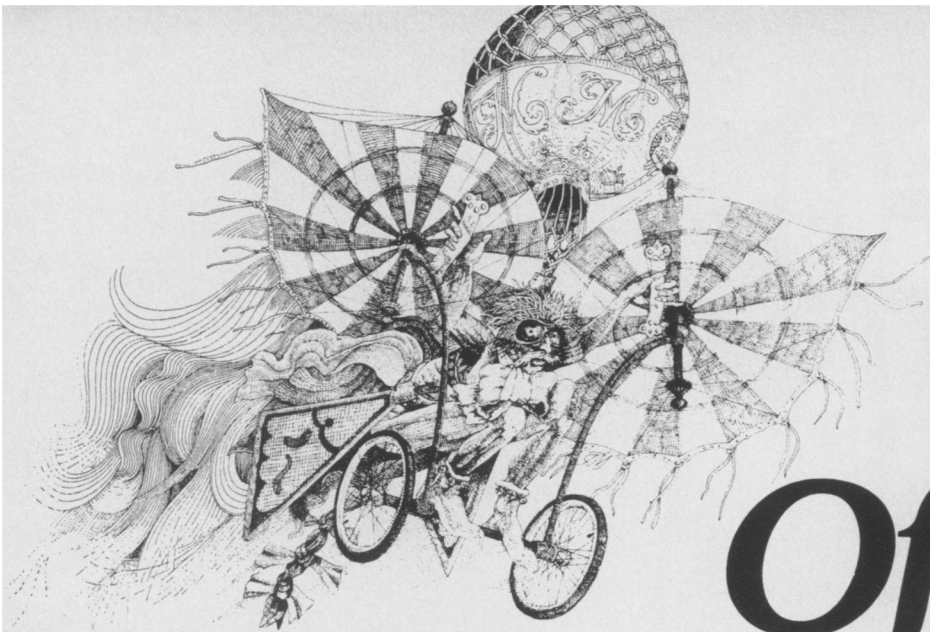


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Horseriders of Japan



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THE BEGINNER'S GUIDE TO THE SKIES: A Month-by-Month Handbook for Stargazers and Planet Watchers — Clarence H. Clemenshaw — T Y Crowell, 1977, 152 p., diagrams, charts, \$7.95. Along with the 24 star maps, the "celestial sphere" and the stars in the constellations are discussed. Chapters are included on the planets, the sun, the moon and the scale of space. [1]

BEYOND EARTH: The Search for Extraterrestrial Life — Roy A. Gallant — Four Winds, 1977, 191 p., illus., \$7.95. What was not long ago the province of science fiction — the search for life elsewhere in our universe — has now become the concern of scientists. A simply written book about how we have reached our present state of cosmic exploration and what we may find in space. [2]

THE COMPLETE BOOK OF FLYING — Lyle Kenyon Engel and Monty Norris — Four Winds, Schol Bk Serv, 1977, 300 p., photographs, \$9.95. After discussing the basics of flight and aerodynamics, the book takes reader, lesson by lesson, through a typical flying course. [3]

THE DRAGONS OF EDEN: Speculations on the Evolution of Human Intelligence — Carl Sagan — Random, 1977, 263 p., illus., \$8.95; paper, \$2.25. A better understanding of the nature and evolution of human intelligence might help us to deal with our own future as well as aid us in our quest for extraterrestrial intelligence. [4]

THE EYE BOOK: A Specialist's Guide to Your Eyes and Their Care — Ben Esterman — Great Ocean, 1977, 262 p., illus., \$10.95; paper, \$5.95. Written for the layman by an ophthalmologist, this book explains the workings of the eye, its care and its ailments. [5]

FIELD GEOLOGY IN COLOR — D. E. B. Bates and J. F. Kirkaldy — Arco, 1977, 215 p., color plates and drawings, \$7.95. To give guidance on the fieldwork that can be done with a minimum of equipment — hammer, handlens, notebook, pencil, map, compass/clinometer. [6]

THE FIRST THREE MINUTES: A Modern View of the Origin of the Universe — Steven Weinberg — Basic Bks, 1977, 198 p., photographs, diagrams, tables, \$8.95. Writing for the inquiring layman, a particle physicist describes the course of events at the genesis of the universe, with emphasis on the new understanding that has grown out of the discovery of the cosmic microwave radiation background. [7]

THE FLYING CIRCUS OF PHYSICS: With Answers — Jearl Walker — Wiley, 1977, 295 p., drawings, paper, \$6.95. Physics problems from the everyday world, some easy, others enormously difficult, that scientists spend their lives trying to solve. A book intended to make you think about the physics around you. Answers are included, as well as a bibliography keyed to the questions. [8]

Illustration above from *The Flying Circus of Physics*, courtesy John Wiley & Sons, Inc.

GEMSTONES OF THE WORLD — Walter Schumann, translated by Evelyn Stern — Sterling, 1977, 256 p., color plates and drawings, \$12.95. Shows gems in their many varieties, rough and cut, in beautiful color photographs, with accompanying text that gives information useful to both the expert and the layman. Introductory chapters provide a survey of gemstones, with information on formation, properties, deposits, manufacture, synthesis and imitations. [9]

GUIDE TO MARS — Patrick Moore — Norton, 1977, 214 p., illus., \$9.95. Traces our knowledge of Mars throughout history and gives an account of Mars as it is believed to be today. New findings are coming to light all the time, but it does seem, according to the author, that we have learned the basic essentials of the red planet. [10]

THE HIGH FRONTIER: Human Colonies in Space — Gerald K. O'Neill — Morrow, 1977, 288 p., 24 plates, diagrams, \$8.95. Physicist and originator of the space colony concept describes the prospect of habitats and islands for humanity in space, of high-orbital manufacturing facilities, how to get there and live there, and how the economics might work out. [11]

A HISTORY OF HERBAL PLANTS — Richard le Strange — Arco, 1977, 304 p., illustrated by Derek Cork, \$15. A worldwide historical survey of herbs used by humans through the ages, followed by an encyclopedia of 750 plants, giving history, locale, appearance and curative properties of each plant. Illustrated by beautiful line drawings. [12]

MAGIC THROUGH SCIENCE — Robert Gardner — Doubleday, 1978, 162 p., photographs & drawings, \$5.95. Introduces and explores the laws of physical science through a variety of experiments that are enjoyable to perform and to watch. [13]

THE MOON BOOK — Bevan M. French — Penguin, 1977, 287 p., illus., paper, \$4.95. What we have learned from the Apollo program about our closest neighbor in space. [14]

THE MYSTERY OF THE MIND: A Critical Study of Consciousness and the Human Brain — Wilder Penfield — Princeton U Pr, 1978, 123 p., drawings, paper, \$3.45. This book, by a neurosurgeon for the interested layman, was first published in 1975. Available now in paperback. [15]

THE PENGUIN DICTIONARY OF BIOLOGY — M. Abercrombie et al — Viking Pr, 1977, 311 p., drawings, \$12.95; paper, \$2.50. From tens of thousands of biological terms, 3,000 of the more commonly used terms were selected for inclusion. Based on the sixth paperback edition, copyrighted 1973. [16]

POISON PLANTS — Alan Eshleman — HM, 1977, 188 p., illus. by Kristin Jakob, \$6.95. An introduction to poisonous plants that discusses how and why some plants are poisonous, describes toxic effects on humans and animals, and tells how people throughout history have used poisonous plants. Illustrated with beautiful line drawings. [17]

A SIERRA CLUB NATURALIST'S GUIDE TO THE DESERTS OF THE SOUTHWEST — Peggy Larson with Lane Larson — Sierra, 1977, 286 p., drawings, \$9.95; paper, \$5.95. The four deserts comprising the North American desert are quite distinctive from one another. This guide describes the characteristic and variant plant and animal life and the specific topography, geology and climate conditions of each. [18]

WHAT REALLY HAPPENED TO THE DINOSAURS? — Daniel Cohen — Dutton, 1977, 70 p., drawings by Haru Wells, \$7.50. Examines the theories that scientists hold today to explain this intriguing mystery. [19]

THE ZAPPING OF AMERICA: Microwaves, Their Deadly Risk, and the Cover-Up — Paul Brodeur — Norton, 1977, 343 p., illus., \$11.95. We have begun to subject ourselves, the author says, to levels of microwave and radio-frequency radiation that are millions of times as high as those occurring naturally, and we are without any idea of how such radiation may affect us or future generations. [20]

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