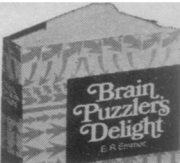


## SOLVE THIS PUZZLE—



Jones, Brown, Smith, and Robinson were either a Driver, a Stoker, a Guard, or a Porter. Each wore either a red, blue, black or green shirt.

The Driver beat Brown at billiards and Smith and the Guard often played golf with the men in black and green shirts. Jones and the Porter disliked the man in the green shirt, but this was not the Stoker as he always wore a red shirt.—*What was each person's occupation and color of shirt?*

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## books OF THE WEEK

**AMERICA'S ANCIENT TREASURES: Guide to Archeological Sites and Museums—Franklin Folsom—Rand McNally, 1971, 202 p., photographs, illus. by Rachel Folsom, map, \$4.95; paper, \$2.95.** Contains layman's short introduction to archeology, feature essays, and state-by-state description of important archeological collection in the U.S. and Canada.

**ANNUAL REVIEW OF PHYSIOLOGY, Vol. 33—Victor E. Hall, Arthur C. Giese and Ralph Sonnenschein, Eds.—Annual Reviews, 1971, 661 p., \$10.** Topics range from actions of vertebrate hormones, temperature acclimation in birds and mammals, to excitation and contraction of heart, and neural control of food intake.

**BASIC MICROSCOPE TECHNIQUES—Philip Perlman—Chemical Pub. Co., 1971, 416 p., photographs, drawings, \$15.** Book describes basic modern microscopic procedures needed for the correct use of the microscope. Treats both theoretical concepts and practical applications.

**CALIFORNIA'S CHANGING LANDSCAPES—Gordon B. Oakeshott—McGraw-Hill, 1971, 388 p., photographs, drawings, maps, \$10.95.** Geologist presents the phenomena of California's long geological history in systematic order for the enjoyment of both amateur and professional, rock hounds, earth science teachers, engineers and students.

**CALORIES AND CARBOHYDRATES—Barbara Kraus, foreword by Edward B. Greenspan, M.D.—Grosser & Dunlop, 1971, 322 p., drawings, \$7.95.** A dictionary of foods listing several thousand brand-name products and basic foods with their caloric and carbohydrate content.

**CAUSES OF DELINQUENCY—Travis Hirschi—Univ. of Calif. Press, 1971, 309 p., tables, paper, \$3.25.** Reprint (1969). Reviewing a large body of earlier research data with focus on delinquency, the author develops his own concepts of delinquency and points out some unfounded prejudices.

**A CENTURY OF PORTUGUESE FERTILITY—Massimo Livi Bacci—Princeton Univ. Press, 1971, 149 p., maps, tables, \$8.50.** First in a series of studies on the decline of European fertility, reveals wide variations in the age at marriage, the proportion remaining single, and marital fertility in the different provinces of Portugal.

**DRUGS AND CEREBRAL FUNCTION—W. Lynn Smith, Ed., foreword by George A. Ulett—Thomas, C. C., 1970, 288 p., photographs, diagrams, \$17.25.** Conference proceedings concerned with drugs directly affecting cerebral functions and behavior: psychoactive drugs, neurochemical aspects, drugs which facilitate learning, biochemicals, and vasodilators.

**FEASTING WITH MINE ENEMY: Rank and Exchange among Northwest Coast Societies—Abraham Rosman and Paula G. Rubel—Columbia Univ. Press, 1971, 221 p., diagrams, tables, \$10.** Focusing attention on the ceremonial distribution known as the *potlach*, the authors examine data on the Tlingit, the Haida, the Nootka and others, to explore aspects of related social structure in each of these societies.

**FRONTIERS OF FITNESS—Roy J. Shephard, M.D., Ed.—Thomas, C. C., 1971, 395 p., illus., \$20.** Monograph summarizes the more significant research in the field of physiology and biochemistry of muscle, and of various methods of exercise; deals with techniques of measuring human performances, and the influence of age, health and environment on working capacity.

**GRASSLAND ECOLOGY—C. R. W. Spedding—Oxford Univ. Press, 1971, 221 p., diagrams, \$6.50.** Offers a coherent view of the whole grassland ecosystem: the animals that live in, on, or under the plant populations as well as the plants themselves. Emphasizes the importance of grasslands in world food production.

**A GUIDE TO RADIO & TV BROADCAST ENGINEERING PRACTICE—E. L. Safford, Jr.—TAB Bks., 1971, 286 p., photographs, diagrams, \$12.95.** A practical handbook on broadcast operation, maintenance and troubleshooting.

**A GUIDE TO THE WILDFLOWERS AND FERNS OF KENTUCKY—Mary E. Wharton and Roger W. Barbour—Univ. of Ky. Press, 1971, 344 p., 500 photographs in color, drawings, maps, \$9.50.** Concise description of nearly 700 species grouped for easy field identification. Includes taxonomic list and illustrated glossary.

**ISOENZYMES—J. Henry Wilkinson—Lippincott, 1971, 2nd ed., 369 p., illus., \$18.** Deals systematically with procedures for the separation of isoenzymes, methods for their detection, and discusses in detail the multiple forms of individual enzymes.

**MATRIX METHODS IN STABILITY THEORY—S. Barnett and C. Storey—Barnes & Noble, 1971, 148 p., \$9.50.** Intended to introduce graduate mathematicians and mathematically inclined engineers and scientists to certain aspects of matrix algebra which arise through the use of Liapunov's stability theory or ordinary differential equations.

**MORPHOLOGY OF EXPERIMENTAL RESPIRATORY CARCINOGENESIS—P. Nettesheim, M. G. Hanna, Jr., and J. W. Deatherage, Jr., Eds.—AEC (NTIS), 1971, 483 p., illus., paper, \$6.** Proceedings of a 1970 conference that reviewed the usefulness of various animal systems to provide critical information regarding the etiology and pathogenesis of human lung cancer in experimental research.

**THE NATURAL HISTORY OF MAN—J. S. Weiner—Universe Bks., 1971, 255 p., 22 plates drawings, maps, \$12.50.** Examines the evolving population of man and of his precursors within the setting of their total environment. Emphasis is on the interaction between the biological needs of the organism and the stresses of the physical and organic environment, the struggle for adaptation and selective survival.

**PSYCHOANALYTIC THEORY, THERAPY AND THE SELF—Harry J. S. Guntrip—Basic Bks., 1971, 204 p., \$6.95.** A concise exposition and critique of the concepts of Freud, Sullivan, Klein, Erikson, Fairbairn, Hartmann, Jacobson and Winnicott, and a discussion of the author's "personal relationship therapy."

**SCIENCE AND EDUCATION IN THE SEVENTEENTH CENTURY: The Webster-Ward Debate—Allen G. Debus, Ed.—Am. Elsevier Pub. Co., 1971, 307 p., \$15.** Facsimile of debate relating to the reformation of the Oxford and Cambridge Universities at a time of new appreciation for observation and experiment, arguing the place of science in the university curriculum. Preceded by introductory discussion.

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