

books OF THE WEEK

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ABSORPTION OF GASES—V. M. Ramm, transl. from Russian, D. Slutzkin, Ed.—IPST (Davey, D.), 1969, 648 p., illus. \$20. Treats the theory and practice of gas absorption, statics and kinetics, the calculation of special cases, and deals with packed, bubble-type and spray absorbers.

BEHAVIORAL GENETICS: Method and Research—Martin Manosevitz, Gardner Lindzey and Delbert D. Thiessen—Appleton, 1969, 771 p., illus., \$17.50. A representative sample of contemporary research and formulation applying genetic analysis to behavioral problems.

THE PHYSIOLOGY AND MEDICINE OF DIVING and Compressed Air Work—P. B. Bennett and D. H. Elliott, Eds.—Williams & Wilkins, 1969, 532 p., illus., \$27. Edited collection of review articles written by authorities on such topics as pulmonary function, oxygen toxicity, inert gas narcosis, distortion of speech, decompression theories, and aspects of decompression sickness.

PUNISHMENT AND AVERSIVE BEHAVIOR—Byron A. Campbell and Russell M. Church, Eds.—Appleton, 1969, 597 p., diagrams, \$10.50. Reports experiments in the psychology of punishment, its negative incentive value, aversive conditioning, and other effects of punishment on behavior.

THE TEWA WORLD: Space, Time, Being and Becoming in a Pueblo Society—Alfonso Artiz—Univ. of Chicago Press, 1969, 197 p., diagrams, \$8. Monograph on the Tewa Pueblos of New Mexico, recreates from inside knowledge their belief systems, ceremonies, and shows how they relate to the social institutions of the Indian tribe.

TRANSEXUALISM AND SEX REASSIGNMENT—Richard Green, M.D., and John Money, Eds.—Johns Hopkins Press, 1969, 512 p., illus., \$15. For clinicians and researchers, brings together contributions from the fields of psychiatry, psychology, endocrinology, neurology, gynecology, surgery and the law.

THE USE OF DATA MECHANIZATION AND COMPUTERS IN CLINICAL MEDICINE—E. R. Gabrieli, Ed.—N.Y. Acad. of Sciences, Annals, Vol. 161, Art. 2, 1969, 459 p., diagrams, paper, \$21.50. Conference proceedings deal with basic concepts of pattern recognition, clinical data description, decision making in medicine, and prospects for automating the hospital system.

VITAMIN B₆ IN METABOLISM OF THE NERVOUS SYSTEM—Margaret A. Kelsall, Ed.—N.Y. Acad. of Sciences, Vol. 166, Art. 1, 364 p., illus., paper, \$20. Discusses current research on pyridoxine metabolism in the brain and in relation to the etiology and treatment of neurological disorders; deals in turn with mental retardation syndromes, inhibitors, amines and convulsions.

films OF THE WEEK

Listing is for readers' information of new 16mm and 8mm films on science, engineering, medicine and agriculture for professional, student and general audiences. For further information on purchase, rental or free loan, write to distributor.

FOREST WITHOUT SPEARS. 16mm, color, sound, 26 min. How the timber resources of New Guinea are contributing to the economic growth of the area. Audience: general. Purchase \$255 or rental \$7.50 from Films Officer, Australian News and Information Bureau, 636 Fifth Ave., New York, N.Y. 10020, or western states, Press and Information Officer, Australian Consulate-General, Crocker Plaza, San Francisco, Calif. 94104.

IN SEARCH OF SPACE. 16mm, color, sound, 30 min. A story about three boys who lose their ball field in an apartment project, and how this leads them to write a report called Doomsday 2000. The report analyzes our population problems, lack of recreational areas, and water and air pollution. After the boys have presented this report in class, they do another one, with the aid of their teacher, looking at the way small and often temporary plots of land are being used to make life more pleasant for children and adults. Audience: primary, intermediate, high school. Purchase \$240 or rental \$10 from Field Services, Indiana University, Audio-Visual Center, Bloomington, Ind. 47401.

YOUR ENVIRONMENT IS THE EARTH. 16mm, color, sound, 12 min. The film journeys from the polar ice caps to the Northern Tundra, from the forests of the temperate zone to tropical jungles, and from outer space to the ocean depths to demonstrate that our environment is our surroundings. In order to exist, it is necessary that we have the air, food and temperature that the surface of the earth provides us. When we want to explore other environments, such as outer space or the ocean floor, we must develop ways of taking part of our natural environment with us. Audience: intermediate, junior high. Purchase \$140 from Journal Films, Inc., 909 W. Diversey Parkway, Chicago, Ill. 60614.

SAM. 16mm, color or b&w, sound, 27 min. The story of the last human being left on earth and trapped in a world of computers. Audience: general. Purchase information from Association Instructional materials, 600 Madison Ave., New York, N.Y. 10022.

to the editor

Thayer

I very much appreciated seeing the article on the Thayer School of Engineering (SN: 11/15, p. 456). The school has already received many congratulatory inquiries due to the article and we hope to benefit from the exposure you gave us.

Thomas F. Piatkowski
Associate Professor of Engineering
Dartmouth College
Hanover, N.H.

Fires and climate

May I commend you on an excellent article, "The Earth's Cooling Climate" (SN: 11/15, p. 458). The author said that the changes in climate were due to two things, city air pollution and volcanic dust. I believe he overlooked one thing. The large forest fires that occur yearly in certain parts of the world must pollute the air on a large scale. This, in my opinion, is another important factor in the earth's climate.

Alan Jirik
North Riverside, Ill.

Well done

On behalf of my colleagues and myself, I would like to thank you on the excellent coverage SCIENCE NEWS gave our work on the evolution of the Bahama Platform (SN: 11/22, p. 473). It was brief, but to the point, and all the pertinent points were elucidated quite well.

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