

# Books of the Week

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ADVANCES IN CATALYSIS AND RELATED SUBJECTS, Vol. 1—W. G. Frankenburg, V. I. Komarewsky, and E. K. Rideal, Eds.—*Academic Press*, 321 p., illus., \$7.80. Authorities in science and industry contribute surveys of their respective fields.

AIRPORTS AND AIR TRAFFIC—John Walter Wood—*Coward-McCann*, 159 p., illus., \$3.75. What to do in our regional planning of airports for urban areas.

BACTERIAL AND VIRUS DISEASES: Antisera, Toxoids, Vaccines and Tuberculin in Prophylaxis and Treatment—H. J. Parish—*Livingstone*, 168 p., illus., \$2.75. A guide to the essential principles of immunology and their practical application in human medicine.

BATS OF THE GENUS MICRONYCTERIS AND ITS SUBGENERA—Colin Campbell Sanborn—*Chicago Natural History Museum*, 19 p., illus., paper, 50 cents.

THE CATHODE-RAY OSCILLOSCOPE—George Zwick—*Radcraft*, 112 p., illus., paper, 75 cents. A simple explanation of a. c. theory and electronics for the radio serviceman and the newcomer in radio.

COMMON SENSE ABOUT FUND RAISING—Robert Keith Leavitt, 75 p., \$2.00. A comparison of the Super Fund advocates with the claims of those who crusade for independent campaigning by a widely known consultant and writer on public relations.

DIRECTORY OF BUSINESS, VOCATIONAL AND DIVERSION MAGAZINES: UNITED STATES—*Commercial Engraving*, 72 p., paper, \$1.50.

EDUCATION DIRECTORY: Part 4, Education Associations and Directories—*Gov't Printing Office*, 57 p., paper, 15 cents. The publications of each association are also listed.

EDUCATION IN BOLIVIA—Raymond H. Nelson—*Gov't Printing Office*, 90 p., illus., paper, 25 cents. A study of the elementary, secondary, and higher educational systems including a brief resume of vocational schools.

EXPERIMENTS ON MASS COMMUNICATION, Vol. 3—Carl I. Hovland, Arthur A. Lumsdaine, and Fred D. Sheffield—*Princeton University Press*, 345 p., illus., \$5.00. The third in the series of Studies in Social Psychology in World War II (see SNL May 21, 1949) evaluates various Army films and programs designed to make the soldier aware of the ideological issues behind the war.

FAUNAL RELATIONSHIPS OF RECENT NORTH AMERICAN RODENTS—Emmet T. Hooper—*University of Michigan Press*, 28 p., illus., paper, 35 cents. Where the various families and genera of present day rodents are found.

A GUIDE TO THE COLOR SYSTEMS—*Kroch's*, illus., paper, free upon request to publisher, 206 N. Michigan Avenue, Chicago 1, Ill. Discusses the technology of the four different color systems, Munsell, Ostwald, Cheskin and Colorimetry.

THE HOUSE OF GOODYEAR—Hugh Allen—*The Goodyear Tire and Rubber Company*, 691 p., illus., \$3.00. The story of the development of a large rubber company.

LAND AND FRESH-WATER MOLLUSKS FROM PERU—Fritz Haas—*Chicago Natural History Museum*, 16 p., illus., paper, 30 cents.

OCEAN SURFACE WAVES—Roy Waldo Miner, Ed.—*New York Academy of Sciences*, 572 p., illus., paper, \$3.00. Technical reports of recent research in oceanography.

PLANNING FILMS FOR SCHOOLS: The Final Report of the Commission on Motion Pictures—Mark A. May, Chairman—*American Council on Education Studies*, 34 p., paper, 50 cents. Supported by a grant from the Motion Picture Association of America, the commission studied the needs of schools for teaching films in the fields of geography, problems of democracy, mathematics, music, and art.

PROSPECTING FOR URANIUM—*Gov't Printing Office*, 123 p., illus., paper, 30 cents. Prepared by the U. S. Atomic Energy Commission and the U. S. Geological Survey, this booklet gives information on the occurrence, identification, and the sale of uranium-bearing ores.

THE PSYCHOLOGY OF PERSONAL ADJUSTMENT—Fred McKinney—*Wiley*, 2nd ed., 752 p., illus., \$6.00. A guide to mental health for students of college age.

## MEDICINE

# Multiple Sclerosis Aided

➤ A NEW treatment for multiple sclerosis was reported by Drs. Leon Roizin, A. Friedman, H. M. Harter, and H. A. Abel of the Psychiatric Institute in New York City to the American Academy of Neurology.

It consists of an enzyme called cytochrome C, two vitamins, thiamine and folic acid, and an anti-blood clotting drug, dicumarol.

This combined treatment is aimed at what the doctors believe to be one of the underlying causes of multiple sclerosis, faulty cell mechanism. Body tissue is known to be generously supplied with the enzyme cytochrome C which is essential to cell growth. This complex protein is important in handling the oxygen of cells. It was discovered that if there is not enough thiamine or folic acid present the body content of the enzyme is reduced.

Another condition found in patients with this disease is the abnormal tendency of the blood to clot rapidly. Dicumarol, originally found in spoiled sweet clover, and now made synthetically, was therefore added to the combined treatment as an anti-coagulant.

In 50 veterans treated for several months the researchers noted that the patients felt better and showed improvement in their disease without ill effects. However, they

RADIO AND TELEVISION MATHEMATICS: A Handbook of Problems and Solutions—Bernhard Fischer—*Macmillan*, 484 p., illus., \$6.00. Gives the solution for nearly 400 problems typical of those encountered in the construction, operation, and servicing of radios, television and other electronic equipment.

THE SITUATION IN BIOLOGICAL SCIENCE—T. D. Lysenko and others—*International*, 636 p., \$5.00. The complete stenographic report presented before the Lenin Academy of Agricultural Sciences of Lysenko's and his colleagues' theories which led to international controversy.

SOCIAL SCIENCE AND THE ATOMIC CRISIS—Hornell Hart—*The Society for the Psychological Study of Social Issues*, 30 p., illus., paper, 75 cents. Urging a Manhattan Project of social sciences to find the solution for problems raised by the bomb. A condensation of a book-length prize-winning manuscript.

SUGAR: Its Production, Technology, and Uses—Andrew van Hook—*Ronald*, 155 p., illus., \$3.00. Brings together in understandable form previously scattered information.

SYPHILIS: Its Course and Management—Evan W. Thomas—*Macmillan*, 317 p., illus., \$5.50. For the medical profession.

TELLING THE STORY OF ENGINEERING RESEARCH—Herbert B. Nichols, John M. McCullough, Ron Ross and others—*American Society for Engineering Education*, 43 p., illus., paper, 50 cents.


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warned that this treatment is still on trial. In multiple sclerosis there is a tendency for abatement of symptoms so they feel it is still too early to make a definite statement about the effectiveness of the combined treatment.

There is no known preventive or cure for multiple sclerosis at present. It strikes men and women in the prime of life, affecting their central nervous system with such symptoms as double vision, inability to coordinate muscles, speech disturbances and emotional or mental instability.

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