

Books of the Week

For the editorial information of our readers, books received for review since last week's issue are listed. For convenient purchase of any U. S. book in print, send a remittance to cover retail price (postage will be paid) to Book Department, Science Service, 1719 N Street, N.W., Washington 6, D. C. Request free publications direct from publisher, not from Science Service.

ART FAKES AND FORGERIES—Fritz Mendax, translated from the German by H. S. Whitman—*Philosophical Library*, 222 p., illus., \$6.00. Telling of deception in the arts from ancient times onward.

THE ART OF THE AQUALUNG—Robert Gruss, translated from "Manuel de l'homme sans poids" by Richard Garnett—*Philosophical Library*, 66 p., illus., \$2.75. This manual, not for the expert diver, but for anyone who would like to explore the undersea world, indicates it is not necessary to be an expert swimmer to enjoy the sport.

BUILD-IT-YOURSELF BOOK FOR BOYS—*Popular Mechanics Press*, 192 p., illus., \$2.50. Directions include those for telephone and telegraph instruments as well as home-made weather instruments.

THE BUKIDNON OF MINDANAO—Fay-Cooper Cole—*Chicago Natural History Museum*, Fieldiana: Anthropology, Volume 46, 140 p., illus., paper, \$4.00. Reporting a study of the life, customs and beliefs of a mountain people of north-central Mindanao in the Philippines.

COMPUTERS: Their Operation and Applications—Edmund Callis Berkeley and Lawrence Wainwright—*Reinhold*, 366 p., illus., \$8.00. Basic information in the new field of automatic computers.

CREATURES OF THE DEEP SEA—Klaus Gunther and Kurt Deckert, translated by E. W. Dicks—*Scribner's*, 222 p., illus., \$3.95. Investigation of the "third dimension," the air above and the water beneath the earth's surface, dates back to the ancient Greeks. Here is a description of life down where light never penetrates.

A DICTIONARY OF DIETETICS—Rhoda Ellis—*Philosophical Library*, 152 p., \$6.00. Nutrition terms from absorption and acerola to zymase.

FROM GENERATION TO GENERATION: Age Groups and Social Structure—S. N. Eisenstadt—*Free Press*, 357 p., \$6.00. An analysis of age groups such as youth movements, etc., with a view to determining the conditions under which they arise.

HANDBOOK FOR SKIN DIVERS—George Bron-

son-Howard—*Arco*, 142 p., illus., \$2.00. Information for the diving enthusiast on this fast-growing sport.

HUNTING WITH THE MICROSCOPE: A Beginner's Guide to Exploring the Micro-World of Plants and Animals—Gaylord Johnson with additions by Maurice Bleifeld—*Sentinel Books*, rev. ed., 136 p., illus., paper, 95 cents. To introduce young people to the fascinating microscopic world. The book begins with use of an ordinary hand lens.

OUTLINE OF ORTHOPAEDICS—John Crawford Adams—*Livingstone (Williams & Wilkins)*, 423 p., illus., \$7.00. For students and physicians who have occasional contact with orthopedic problems.

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY: Volume 4, Cross Sections Important to Reactor Design—*United Nations (Columbia University Press)*, 357 p., illus., \$7.50.

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY: Volume 7, Nuclear Chemistry and Effects of Irradiation—*United Nations (Columbia University Press)*, 691 p., illus., \$10.00.

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY: Volume 8, Production Technology of the Materials Used for Nuclear Energy—*United Nations (Columbia University Press)*, 627 p., illus., \$10.00.

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY: Volume 9, Reactor Technology and Chemical Processing—*United Nations (Columbia University Press)*, 771 p., illus., \$10.00.

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY: Volume 11, Biological Effects of Radiation—*United Nations (Columbia University Press)*, 402 p., illus., \$8.00.

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY: Volume 15, Applications of Radioactive Isotopes and Fission Products in Research and Industry—*United Nations (Columbia University Press)*, 327 p., illus., \$7.50. Applications include promotion of chemical reactions, sterilization of food, and direct conversion of radiation into electricity.

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY: Volume 16, Record of the Conference—*United Nations (Columbia University Press)*, 203 p., illus., \$5.00. Containing the program, evening lectures, and discussion.

RISK AND GAMBLING: The Study of Subjective Probability—John Cohen and Mark Hansel—*Philosophical Library*, 153 p., illus., \$3.50. The way in which a person will predict the outcome of an event depends on psychological assessment of chance, not on mathematical probability.

A SCIENTIFIC REPORT ON "THE SEARCH FOR BRIDEY MURPHY"—Milton V. Kline, Ed., introduction by Harold Rosen—*Julian*, 224 p., \$3.50. The scientific writers of this report indicate that Bridey is a fantasy.

SOIL CONSERVATION—Sellers G. Archer—*University of Oklahoma Press*, 305 p., illus., \$3.75. Providing answers to the questions that farmers

may ask about preserving and improving their land.

TOMBS, TEMPLES, AND ANCIENT ART—Joseph Lindon Smith, edited by Corinna Lindon Smith—*University of Oklahoma Press*, 349 p., illus., \$5.00. The author, who died in 1950, here gives an account of fifty years of recording, in company with archaeologists, some of the greatest art of antiquity.

Science News Letter, June 16, 1956

BIOCHEMISTRY

Body Can Convert Male Hormone Into Female

► MALE HORMONE can be transformed into female hormone in the body.

This feat of body chemistry, which few persons believed could be accomplished until now, may explain why some cancer patients are helped and others hurt by male hormone treatment. Something in the bodies of patients may convert the male hormone into female, so that it harms instead of helping in treatment.

The ovaries in women, cancers of the adrenal glands in men and women, and horse testes are capable of making the male-to-female hormone conversion, Drs. Ralph I. Dorfman and Kenneth Savard of the Worcester Foundation for Experimental Biology, Shrewsbury, Mass., and Drs. Lewis L. Engel and Billy Baggett of Massachusetts General Hospital, Boston, have discovered.

The finding was announced by the American Cancer Society, which supports the research.

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GEOGRAPHY

Hillary Would Like to Climb Mt. Everest Again

► SIR EDMUND HILLARY said he would like to climb Mt. Everest again, but from the northern (Tibetan) side.

Both Sir Edmund and George Lowe, another member of the successful 1953 Everest expedition, expressed a strong desire to return to the Himalayas once the coming British-New Zealand Antarctic expedition is over.

"I would like to return to the Himalayas with a small party of men who I know would all go well," Sir Edmund said in Wellington, N. Z.

"There is only one thing though . . . I would not want a lot of fuss and bother and would not want to write newspaper dispatches. We would just want to go there and disappear into the blue."

He said he would not want to climb Mt. Everest again over the old route, but would make another attempt from the north.

Sir Edmund said he would not try to get permission from the Tibetan Government.

"Although if permission to approach the mountain from the north was given, I would immediately be interested in an expedition," he said.

Science News Letter, June 16, 1956

THE ART OF "Speakmanship" HOW TO TALK YET MAKE GOOD SENSE

Today more than ever, the difference between solid success and frustrating failure often hinges solely on one's ability to express oneself effectively—both in private and in public. As it happens, the laws of successful voice communication are no longer a mystery—in fact are quite simple and, with the new techniques, can nowadays be mastered readily by the person of average intelligence willing to expend a little effort.

Luckily there is a self-teaching "course" now available, in book form, by A. G. Mears, A.S.D., famous founder of the noted Abby School for Speakers. It takes nothing for granted and omits nothing essential. "Good speakers," says this expert, "are MADE, not born"—and proceeds to show how to attain good "speakmanship."

Once you have learned to speak in public, speaking well privately is a cinch. And the rewards can be staggering.

PARTIAL CONTENTS: Re-directing Nervousness—Overcoming Six Great Fears—Sparking Creative Ideas—The Workshop of Imagination—Enlarging Vocabulary—Training Memory—Tact—Emotion—Developing Personality, Poise and Self-Confidence—Reasoning—etc., etc.

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