

# 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.

**COLOR IN FLOWER ARRANGEMENT**—Adelaide B. Wilson—*Barrows*, 128 p., illus., \$5.95. For those who love flowers and for those who specialize in decoration and flower exhibits.

**CULTS AND CREEDS IN GRAECO-ROMAN EGYPT: Being the Forwood Lectures for 1952**—H. Idris Bell—*Philosophical Library*, 117 p., \$4.75. An expert on papyri describes what they tell of the amalgam between the religion of the Greeks when they entered Egypt under Alexander the Great and the Oriental cults they found there.

**DIFFERENTIAL EQUATIONS IN ENGINEERING PROBLEMS**—Mario G. Salvadori and Ralph J. Schwarz—*Prentice-Hall*, 432 p., illus., \$8.65. This textbook for engineering students is an outgrowth of courses in engineering mathematics at Columbia University.

**ETHNOBOTANY OF THE GILBERT ISLANDS**—Katherine Luomala—*Bernice P. Bishop Museum*, 129 p., illus., paper, \$2.50. Telling about the care, uses and habits of native plants in an area neglected by botanists.

**FLOWER ARRANGEMENT WORKBOOK 2**—Myra J. Brooks—*Barrows*, 64 p., illus., \$2.50. Containing many illustrations of arrangements for the home for special occasions and unusual effects.

**GEOLOGY OF THE BRECKENRIDGE MOUNTAIN QUADRANGLE CALIFORNIA**—T. W. Dibblee, Jr. and Charles W. Chesterman—*California Division of Mines*, 56 p., illus., \$1.75. This quadrangle takes in a portion of the Sierra Nevada. Mineral resources consist of small quantities of tungsten ore.

**GEOLOGY OF THE EEL RIVER VALLEY AREA, HUMBOLDT COUNTY, CALIFORNIA**—Burdette A. Ogle—*California Division of Mines*, 128 p., illus., \$2.75. One small gas field has been discovered in this area, and several structures remain to be tested for petroleum.

**JET AIRCRAFT SIMPLIFIED**—Charles Edward Chapel—*Aero Publishers*, 2d ed., 176 p., illus., hard cover \$3.75, flexible cover \$2.75. A textbook explaining the basic principles and practical applications of jet propulsion.

**MAGIC, SCIENCE AND RELIGION AND OTHER ESSAYS**—Bronislaw Malinowski—*Doubleday*, 274 p., paper, 85 cents. This work by a leader in anthropology was originally published by the Free Press.

**THE MECHANISM OF ECONOMIC SYSTEMS: An Approach to the Problem of Economic Stabilisation From the Point of View of Control-System**

## YOUR SKIN AND ITS CARE

By H. T. Behrman, M.D., and O. L. Levin, M.D.

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**Engineering**—Arnold Tustin—*Harvard University Press*, 161 p., illus., \$5.00. The author suggests the use of analogue calculating machines for practical economic prediction and regulation.

**THE MIND ALIVE**—Harry and Bonaro Overstreet—*Norton*, 333 p., \$3.75. Intended to help the reader develop mental health and a sound personality.

**NUMBER, THE LANGUAGE OF SCIENCE: A Critical Survey** Written for the Cultured Non-Mathematician—Tobias Dantzig—*Macmillan*, 4th ed., 340 p., illus., \$5.00. Technicalities are avoided in this book which requires of the reader no more mathematics than that provided by the average high-school education.

**PATTERNS OF INDUSTRIAL BUREAUCRACY**—Alvin W. Gouldner—*The Free Press*, 282 p., \$4.50. A study in industrial sociology; an attempt to document the assumption that it is fruitful to look upon a factory as a bureaucracy.

**POWER OF WORDS**—Stuart Chase in collaboration with Marian Tyler Chase—*Harcourt, Brace*, 308 p., \$3.95. In a sense a sequel to his earlier book, "The Tyranny of Words," which introduced the reader to semantics, this present book discusses cybernetics, communication, perception, and even gobbledygook and Moscow talk.

**PYTHIUM ROOT ROT OF BARLEY AND WHEAT**—G. W. Bruehl—*Govt. Printing Office, USDA Technical Bulletin* 1084, 24 p., illus., paper, 15 cents. Pythium root rot is one of those constituting a major hazard to cereal crops in the hard red spring wheat area.

**UNDERSTANDING THE JAPANESE MIND**—James Clark Moloney—*Philosophical Library*, 252 p., \$3.50. The author tells us that psychoanalysis, on being imported into Japan, had to be drastically overhauled to be compatible with Japanese political requirements. Instead of stressing adult maturity and individualism, it leads the patient toward more willing conformity to authority.

**YOU CAN BE HEALED**—Clifton E. Kew and Clinton J. Kew—*Prentice-Hall*, 186 p., \$2.95. Twin brothers, one a psychologist and the other a minister, here describe a method of group therapy they have developed for those ill in spirit.

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### MINERALOGY

## New Golden-Brown Gem Stone Found in Ceylon

➤ A NEW golden-brown, flashing gem stone found in Ceylon has been identified by mineralogists of the British Museum in London and the Smithsonian Institution.

The gem has been named sinhalite. Dr. George S. Switzer, Smithsonian mineralogist, said the mineral has been used in the jewelry trade for years but was confused with another rare semi-precious gem, peridot. Sinhalite and peridot are practically indistinguishable on surface examination, but their mineral composition is different. Sinhalite is a magnesium-aluminum-boron combination.

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### GENERAL SCIENCE

## Would Speed Research By Security Rule Change

➤ CRIPPLING DELAYS in "urgent defense research projects" might be avoided and the research correspondingly speeded by a change in security clearance procedure authorizing the responsible officer in the armed forces to interview the person under investigation.

This suggestion is made by Dr. L. W. McKeehan, Capt. USNR (ret.) and professor of physics, Yale University, in an open letter to the Assistant Secretary for Research and Development, Department of Defense. In order to bring this suggestion to as many scientists as possible, Dr. McKeehan published the letter in *Science* (Feb. 26).

The present rule is based on the law requiring certification by a designated officer of the armed forces that persons working on secret parts of a government research contract are acceptable for access to secret security information in the custody of the contractor. The officer bases his decision on a personal security questionnaire and such additional information as he can get from intelligence officers and the FBI.

If the person being investigated formerly lived and worked elsewhere than at the institution appointing him for temporary special services on the defense project, the information may have to come from half a dozen different local offices around the country or even overseas.

When it appears that this procedure will cause "inordinate delay," Dr. McKeehan suggests the responsible officer interview the person under investigation in order to "supplement or clarify the information contained in the Personal Security Questionnaire, to permit open discussion of the delaying circumstances, to provide further guidance for, and more effective pressure upon, supposedly cooperating offices, and to assist generally in reaching a wise and early decision in the case.

"This would appear especially appropriate in view of President Eisenhower's recent statement on the necessity of allowing anyone accused, however obliquely, of conduct or association impairing his reputation, to know about and reply to the accusation."

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## New SUB-ZERO Evergreen Ivy

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