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.

BIBLE ANIMALS: Mammals of the Bible-Lulu Rumsey Wiley—Vantage, 479 p., illus., \$4. Acquaints young people with bible passages referring to mammals.

BIBLIOGRAPHY AND INDEX OF GEOLOGY EXCLU-SIVE OF NORTH AMERICA, Vol. 22—Marie Siegrist, Mary C. Grier and others-Geological Soc. of Am., 771 p., \$10. Covers literature on the geology of South America, Europe, Asia, Africa, Australia, Iceland and Atlantic and Pacific

BIOLOGICAL MEMOIRS, Vol. XXXII-National Academy of Sciences—Columbia Univ. Press. 457 p., illus., \$5. Biographies of late academicians, from astronomer Robert Grant Aitken to mathematician John von Neumann.

CLASSIFICATION AND INDEXING IN SCIENCE-B. C. Vickery, introd. by D. J. Foskett—Academic, 185 p., \$5.50. Explores modern techniques of subject analysis, with chapter on application of classification in machine literature searching.

CLIMATOLOGY AND MICROCLIMATOLOGY: Proceedings of the Canberra Symposium—C. W. Thornthwaite and others—UNESCO (Columbia Univ. Press), 355 p., illus., \$11. Papers presented at symposium on arid zone climatology, held in Canberra, Australia, in October 1956.

Composition Versus Properties of Microcrystalline Waxes—W. P. Ridenour, I. J. Spilners and P. R. Templin—Mellon Institute, 11 p., paper, free upon request direct to publisher, 4400 Fifth Ave., Pittsburgh 13, Pa.

CURRENT RESEARCH AND DEVELOPMENT IN Scientific Documentataion, No. 3—Madeline M. Berry and Barbara Haksteen—Nat. Science Foundation (Govt. Printing Office), 76 p., paper, 30c. Descriptive report by the Office of Scientific Information, NSF.

The Customs and Religion of the Ch'iang —David Crockett Graham—Smithsonian Inst., 114 p., illus., paper, \$2. Describes conditions that prevailed up to the summer of 1948 when the writer last had contact with these people of western Szechwan, China.

Cytodifferentiation - Ernst Hadorn and others, Dorothea Rudnick, Ed.—Univ. of Chicago Press, 148 p., illus., \$3.75. Record of research in developmental biology, a report from The Development Biology Conference Series 1956, held under the auspices of the NAS-NRC.

EDUCATION ON THE AGING: A Selected Annotated Bibliography—Betty Arnett Ward—Office of Education, HEW (Govt. Printing Offie), 145 paper, 60¢. Of service both to those in the field of adult education and the profession of gerontology.

Essentials of Human Reproduction: Clinical Aspects, Normal and Abnormal—Joseph Thomas Velardo, Ed.—Oxford Univ. Press, 270 p., illus., \$13.50. Textbook relating to the several aspects human reproduction, written by leading specialists in clinical endocrinology.

Frankfurt, Cologne, Berlin - Hubert Charles Aleman—Dorrance, 204 p., illus., \$3. On the history and postwar reconstruction of three German cities.

IMMUNOLOGY AND DEVELOPMENT — Mac V. Edds, Jr., Ed.—*Univ. of Chicago Press*, 59 p., \$2.50. Report of Work Conference on Immunology and Development held at the Jackson Memorial Laboratory in 1956.

Information Please Almanac 1959—Dan Golenpaul Associates, Eds-Macmillan, 960 p., illus., \$2.50, paper \$1.25. Features Willy Ley's 13-page report on space age news.

INSECT MIGRATION—C. B. Williams—Macmillan, 235 p., illus., \$6. Insect migration is not a rare occurrence, but something quite normal in the lives of hundreds of species, occurring regularly at certain seasons in the same direction.

INSECTS OF HAWAII, Vol. 7: Macrolepidoptera —Elwood C. Zimmerman—Univ. of Hawaii Press, 542 p., illus., paper, \$9.50. Enumeration of species and notes on their origin, distribution, hosts and parasites.

Perspectives on Conservation—Henry Jarrett, Ed.-Johns Hopkins Press, 260 p., \$5. Expert opinion on resources problems, based on papers prepared for 1958 Resources for the Future Forum.

THE POLAR REGIONS IN THEIR RELATION TO Human Affairs — Laurence M. Gould — Am. Geographical Soc., 54 p., illus., bathymetric map, \$3.50. North Polar Lands include both the Arctic and the sub-Arctic whose southern limits are defined as the zone where average temperature is not higher than 50° F.

Quantitative Chemical Analysis—Gilbert H. Ayres—Harper, 726 p., illus., \$7.50. College textbook covering the fundamental principles of elementary quantitative analysis, both theory and practice.

THE REPORTER'S TRADE—Joseph and Stewart Alsop—Reynal, 377 p., \$5. Techniques of reporting in the era of atomic weapons and intercontinental missiles.

Schizophrenia: A Review of the Syndrome-Leopold Bellak and Paul K. Benedict, Eds.-Logos Press, 1010 p., \$14.75. Twenty-two authorities here review the status of clinical, therapeutic and diagnostic methods, drawn from over 4,000 contemporary studies.

Science in Schools-W. H. Perkins, Ed.-Butterworth & Co. (Canada), 150 p., \$3. Proceedings of a conference under the auspices of the British Association for the Advancement of Science, April 1958, London.

SELECTED BIBLIOGRAPHIES OF HYDROTHERMAL ND MAGNETIC MINERAL DEPOSITS—John Drew Ridge—Geological Soc. of Am., 199 p., \$3.75. For the geologist student, with indices listing deposits alphabetically, by minerals produced, by age of mineralization, and by their position in the Lindgren Classification.

Transistors: Theory and Practice—Rufus P. Turner-Gernsback Library, 2nd ed., 160 p., illus., paper, \$2.95. Revision of 1954 edition. Science News Letter, December 27, 1958

ASTRONOMY-What is the redshift? p. 403

BIOLOGY-Why is the discovery of living Neopilina important? p. 408.

MATHEMATICS—How does the "drunken walk problem" get its name? p. 406.

ROCKETS AND MISSILES-How much does the most recent U. S. satellite weigh? p. 405.

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