

Cohen of Birkenhead, professor of medicine at Liverpool University.

As a clinical neurologist and friend of Sherrington, Cohen is well qualified to describe and assess the work of the man who, during his life-time, became known as "the philosopher of the nervous system." The author begins by stating, "I propose in this first lecture briefly to sketch Sherrington's life and work; and in the second and third to describe and assess with the aid of diagrams and films, his contributions to learning, not for the specialist but for the informed non-specialist, so that he may comprehend why Sherrington has been regarded as the most profound student of the nervous system the world has yet known, and so that he may marvel at a productivity—monumental, magnificent, and sustained—covering a span of 70 years, and which embraced not only science, but also philosophy, history and poetry."

The slim volume which contains the substance of these lectures is beautiful in format, informative in content, and charming in style. Yet it must not be supposed that this book constitutes an adequate biography of one of the greatest scientific minds of modern times. It is rather a provocatively tempting appetizer for a more robust feast, which we may hope will be not too long in appearing.

As his life-span (1857–1952) indicates, Sherrington lived through one of the most exciting centuries in human history, and he made notable contributions to his era. His early education began in 1871 in an English grammar school, where, as he once remarked, "science was socially not quite the thing." His life ended at a time when we are beginning to recognize belatedly that a scientific education is a necessary prerequisite for survival.

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Publications of the World Health Organization, 1947–1957. A bibliography. World Health Organization, Geneva, 1958 (order from Columbia University Press, New York). 128 pp. \$3.25.

This bibliography consists of 1915 items published by WHO from 1947 to the end of 1957. It includes all articles published in the *Bulletin of the World Health Organization*, vols. 1–17; articles published in the *Chronicle of the World Health Organization*, vols. 1–11, on matters not fully covered in other WHO publications; survey articles published in the *International Digest of Health Legislation*, vols. 1–8; articles and statistics (other than regularly recurring features)

published in the *Epidemiological and Vital Statistics Report*, vols. 1–10; all numbers of the *World Health Organization: Technical Reports Series* from No. 1 to No. 141, including important annexes; all numbers of the *Official Records of the World Health Organization* from No. 1 to No. 81, including important annexes; all numbers of the *World Health Organization: Monograph Series* from No. 1 to No. 36, including the chapters contributed by individual authors in symposia and other collected works; supplements to the *Weekly Epidemiological Record*; and occasional publications such as the *World Directory of Medical Schools* and the *Pharmacopoea Internationalis*. It does not include mimeographed documents which are limited in distribution. It includes an index of authors and an index of countries.

Miscellaneous Publications

(Inquiries concerning these publications should be addressed, not to Science, but to the publisher or agency sponsoring the publication.)

Expert Committee on Water Fluoridation, First Report. WHO Tech. Rept. Ser., No. 146. World Health Organization, Geneva, 1958 (order from Columbia Univ. Press, New York). 25 pp. \$0.30.

Experimental Studies on the Nature of Species. vol. IV, *Genetics Structure of Ecological Races.* Jens Clausen and William M. Hiesey. Carnegie Institution of Washington, Washington, 1958. 319 pp. Paper, \$4.25; cloth, \$4.75.

The Guinea Pig in Research. Biology, nutrition, physiology. Publ. No. 557. Mary Elizabeth Reid. Human Factors Research Bureau, Inc., Washington 4, 1958. 87 pp. \$2.

Gyro Primer. Norden Div., United Aircraft Corp., Commack, N.Y., 1958. 66 pp.

International Scientific Radio Union, Proceedings of the XIIth General Assembly. Held in Boulder, Colo., 22 August–5 September 1957. vol. XI, pt. 5, *On Radio-astronomy.* General Secretariat of the U.R.S.I., 7, Place Emile Danco, Brussels, Belgium, 1958. 148 pp. \$4.

The Marine Fish Catch of California, 1955–1956, with Rockfish Review. Fish Bull. No. 105. Marine Resources Operations Staff. California Dept. of Fish and Game, Sacramento, 1958. 104 pp.

Needed Expansion of Facilities for Higher Education. How much will it cost? John D. Long, assisted by J. B. Black, Jr. American Council on Education, Washington, 1958. 43 pp.

New Jersey's Place in Cultural History, 1600 B.C. to A.D. 1625. A comparative exhibition. Catalog. New Jersey State Museum, Trenton, 1958. 36 pp.

New Steroid Compounds with Progestational Activity. Annals, vol. 71, art. 5. Abraham E. Rakoff, Consulting Ed. New York Acad. of Sciences, New York, 1958. 28 pp.

New York Foundation, Two-Year Report, 1956–1957. The Foundation, New York, 1958. 41 pp.

Protein Requirements. Report of the FAO Committee, Rome, Italy, 24–31 October 1955. FAO Nutritional Studies No. 16. Food and Agriculture Organization of the United Nations, Rome, 1957. 52 pp.

Simple Methods of Contraception. An assessment of their medical, moral and social implications. Winfield Best and Frederick S. Jaffe, Eds. Planned Parenthood Federation of America, New York 22, 1958. 63 pp.

An Oceanographic Description of the Eastern Tropical Pacific. Bulletin of the Scripps Institution of Oceanography, vol. 7, No. 3. Warren S. Wooster and Townsend Cromwell. Univ. of California Press, Berkeley, 1958. \$5. 114 pp.

Psychological Cinema Register, Catalog 1958, 1959, 1960. The Register, Pennsylvania State University, University Park, 1958. 105 pp.

Recommendations on Undergraduate Curricula in the Biological Sciences. Report of a conference held at Washington, D.C., 8–9 December 1956, and Chapel Hill, N.C., 1–4 April 1957. Publ. 578. Willis H. Johnson, Conference Chairman. National Acad. of Sciences–National Research Council, Washington, 1958. 86 pp. \$1.75.

Report on Meeting of Ad Hoc Committee on Scaling Mesometeorological Phenomena. Held at Argonne National Laboratory, 15–17 May 1957. ANL-5869. R. C. Wanta and H. Moses, Eds. U.S. Public Health Service and Argonne National Laboratory, Lemont, Ill., 1958. 26 pp.

Strokes. A guide for the family. American Heart Assoc., New York, 1958. 18 pp.

Studies of Devonian Algae. Quarterly of the Colorado School of Mines, vol. 53, No. 2. J. Harlan Johnson and Kenji Konishi. Colorado School of Mines, Golden, 1958. 114 pp. \$1.50.

Symposium on Tritium in Tracer Applications, Proceedings. New England Nuclear Corp., Atomic Associates, Inc., Packard Instruments Co., Inc. New England Nuclear Corp., 575 Albany St., Boston, Mass., 1958. 40 pp.

Thirteenth Annual Report, Midwest Research Institute. Midwest Research Inst., Kansas City, Mo., 1958. 16 pp.

Comparative Biosystematics and Life History of the Nuthatches Sitta Pygmaea and Sitta Pusilla. Publ. in Zoology, vol. 56, No. 2. Robert A. Norris. 182 pp. \$3.50. *Variation and Systematic Relationships within the Salamander Genus Taricha.* Publ. in Zoology, vol. 56, No. 3. William J. Riemer. 90 pp. \$2. Univ. of California Press, Berkeley, 1958.

Beach Erosion Board, Annual Bulletin. vol. 12, July 1958. 115 pp. *Movement of Bottom Sediment in Coastal Waters by Currents and Waves; Measurements with the Aid of Radioactive Tracers in the Netherlands.* Tech. Memo. No. 105. 56 pp. *Laboratory Study of Breaking Wave Forces on Piles.* Tech. Memo. No. 106. 24 pp. Beach Erosion Board, Corps of Engineers, Department of the Army, Washington 25, 1958.

Institut Pasteur du Viêt-Nam, rapport annuel sur le fonctionnement technique, année 1957. The Institute, 1958. 137 pp.