

substantive treatises in this direction.

The volume is useful to the specialist, who will gain from an overview of the literature of allied disciplines. Similarly, it is of value to the general reader and the librarian interested in works on social science. The natural scientist will be delighted to find that it is not merely a curious bibliography but, to a considerable extent, an introductory text in a very vital area that is of increasing interest to natural scientists. The contributors not only discuss the important personalities and the historically important writings but also indicate the present state of each field and mention many of the contemporary scholars who are doing significant work in these fields.

The shortcomings of the book are few. The editor was generous and included anthropology, geography, history, and psychology with the pure social sciences—economics, political science, and sociology. In my opinion, the volume would have been strengthened by the inclusion of a separate section on statistics, which emphasized applications to empirical analysis—so important to the current position of the science of society. The empirical function, however, is treated summarily within the various sections of the book.

This unique work deserves to be very widely read, both at home and abroad, by all intellectuals and by scientific technicians. And I am not being facetious in the least in stating, especially in view of Chairman Khrushchev's recent travels, that the volume should be required reading, preferably in translation, within Kremlin walls.

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Features and Formation of the Great Kawir and Masileh. Hans Bobek. Arid Zone Research Centre, University of Teheran, Teheran, Iran, 1959. 63 pp. Illus. 1 map.

This detailed description of a complex of desert basins southeast of Teheran on the Iranian plateau is based on a study of air photographs, supplemented by ground reconnaissance in parts of the area. The monograph includes some excellent reproductions of vertical photographs showing huge alluvial fans, salt basins, partly buried folds, and sand-dune complexes.

Miscellaneous Publications

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

Algae in Water Supplies. An illustrated manual on the identification, significance, and control of algae in water supplies. C. Mervin Palmer. U.S. Public Health Service, Washington, D.C., 1959 (order from Supt. of Documents, GPO, Washington 25). 88 pp. \$1.

Archeological Excavations at Jamestown. Colonial national historical park and Jamestown national historic site, Virginia. John L. Cotter. U.S. Department of Interior, Washington 25 (order from Supt. of Documents, GPO, Washington 25). 289 pp. \$2.75.

Biological Series, Michigan State Univ. vol. 1, No. 5, *The Bog Lemming Synaptomys cooperi in Southern New Jersey*, Paul F. Connor, 10 pp. vol. 1, No. 6, *Notes on Reptiles from the Mexican State of Durango*, Robert G. Webb and Max Hensley, vol. 1, No. 7, *New Vertebrate Fossil Localities in the Vale Formation (Lower Permian) of North-Central Texas*, Richard J. Seltin, 10 pp. Michigan State Univ., East Lansing, 1959.

Chimie et Radioactivité Atmosphériques. J. Grandjean. 24 pp. *Nouvelles de l'Espace.* M. Nicolet. 19 pp. Institut Royal Météorologique de Belgique, Brussels, 1959.

Cold Acclimatization in the Golden Hamster. vol. 20, No. 3. Richard L. Farand, State Univ. of Iowa, Iowa City, 1959. 29 pp. \$0.50.

The Culicine Mosquitoes of the Indomalayan Area. pt. 4. Genus *Aedes* Meigen, subgenus *Skusea* Theobald, *Diceromyia* Theobald, *Geoskusea* Edwards and *Chrophsiomyia* Barraud. P. F. Mattingly. British Museum (Natural History), London, 1959. 61 pp. 12s.

The Dawning Space Age. H. E. Mehrens. Civil Air Patrol, Ellington Air Force Base, Tex. 1959. 224 pp. \$2.

Educators Guide to Free Tapes, Scripts, and Transcriptions. Compiled and edited by Walter A. Wittich and Gertie Hanson Halsted. Educators Progress Service, Randolph, Wisc., ed. 6, 1960. 225 pp. \$5.75.

The General-Field Law and the Structural Nature of Matter. Based on the mechanics of vector dynamics. A. D. Sarantites. Plastonics Corp., Moorestown, N.J., 1959, 131 pp.

Geological Sciences, Univ. of California Publications. vol. 34, No. 3, *Tertiary Stratigraphy of the Blairsden Quadrangle, Plumas County, California*, Cordell Durrell, 32 pp. vol. 34, No. 4, *The Lovejoy Formation of Northern California*, Cordell Durrell, 28 pp. Univ. of California, Berkeley, 1959.

How to Identify and Name Soils. Use of scorecard for identifying and naming soils. R. Earl Storie. Univ. of California, Berkeley, 1959. 55 pp. \$1.

Instrumentation for Geophysics and Astrophysics. No. 12, AFCRC-TR-59-244: *Theoretical Analysis of the Par-Scope: and Oscilloscope Display for Weather Radars*, Edwin Kessler, III, 36 pp. Geophysical Research Papers, No. 59, AFCRC-TR-58-235(3), vol. 3: *Project Prairie Grass, a Field Program in Diffusion*, Duane A. Haugen, Ed. 673 pp. Geophysics Research

Directorate, Bedford, Mass., 1959 (order from U.S. Dept. of Commerce, Office of Technical Services, Washington 25).

Introduction to Mathematical Psychology. 32 pp. *Studies in Indian Psychology.* 54 pp. S. K. Ramachandra Rao. All-India Inst. of Mental Health, Bangalore, 1959.

Involution of the Ductus Arteriosus. A morphological and experimental study, with a critical review of the literature. A. Sciacca and M. Condorelli. Karger, Basel, Switzerland, 1960. 52 pp. F. 7.

Methodological Aspects of Statistics on Research and Development Costs and Manpower. National Science Foundation, Washington 25, 1959 (order from Supt. of Documents, GPO, Washington 25). 132 pp. \$1.25.

The Neolithic Revolution. Sonia Cole. British Museum (Natural History), London, 1959. 60 pp. 5s.

Outline of Histology. Margaret M. Hoskins and Gerrit Bevelander. Mosby, St. Louis, Mo., ed. 4, 1959. 112 pp. \$4.75.

Pachuco: An American-Spanish Argot and Its Social Functions in Tucson, Arizona. Social Science Bull. No. 18. George Carpenter Barker. Univ. of Arizona Press, Tucson, 1958, 46 pp.

The Plant Kingdom. A laboratory manual. Paul C. Lemon and Norman H. Russell. Mosby, St. Louis, 1959. 176 pp. \$3.25.

Proceedings of the United States National Museum. vol. 109, *Marine Mollusca of Point Barrow, Alaska*, Nettie MacGinitie, 150 pp.; vol. 110, *A Revision of American Bats of the Genera Euderma and Plecotus*, Charles O. Handley, Jr., 142 pp. Smithsonian Institution, Washington, D.C., 1959.

Processing Neuroelectric Data. Communications Biophysics Group. William M. Siebert. Technology Press, Massachusetts Inst. of Technology, Cambridge, 1959. 121 pp. \$4.

Rainbow Trout in Mexico and California. vol. 67, No. 1, Publications in Zoology. Paul R. Needham and Richard Gard. 124 pp. \$2.50. Univ. of California, Berkeley, 1959.

Science Begins at Home. Anne Roe. Thomas Alva Edison Foundation, New York, 1959. 19 pp.

Sonderausschuss Radioaktivitat. Bundesrepublik Deutschland, Thieme, Stuttgart, Germany, 1959. 117 pp.

Soviet Commitment to Education. Report of the first official U.S. education mission to the U.S.S.R. With an analysis of recent educational reforms. Bull. 1959, No. 16. U.S. Office of Education, Washington, D.C., 1959 (order from Supt. of Documents, GPO, Washington 25). 135 pp. \$0.70.

The Superintendent's Viewpoint on Educational Television. Region 1 Conference of the NAEB. Thomas Alva Edison Foundation, New York, 1959. 28 pp.

Unprocessed and Processed Radioisotope Preparations and Special Radiation Sources. vol. 1. International Atomic Energy Agency, Vienna 1, Austria, 1959 (order from UNESCO Publications Center, New York 22). 264 pp. \$3.50.

Zoology Publications, No. 25. *Some Additional New Zealand Cephalopods from Cook Strait.* R. K. Dell. Victoria Univ. Wellington, N.Z., 1959. 12 pp.