

thoroughly revised to keep it current, to make clear the period and nature of the subversive activity involved, and to include only organizations given notice and hearing in accordance with due process of law.

The balance of the recommendations are largely procedural but nonetheless important. They are aimed clearly at preserving the elements of traditional justice in a field in which the committee found too many abuses for comfort. Among them is a central board to screen charges against Civil Service employees, making charges known to such employees in the fullest possible detail, continuing pay while the case is pending, limiting representation of the agency filing charges to one man on a three-man hearing board, having one lawyer on each board, guaranteeing the employee representation by counsel (at government expense if he is cleared), granting subpoena powers to screening and hearing boards, and curtailing "double-jeopardy" on substantially the same facts.

Some of the recommendations may appear to be unduly oriented toward the precepts of legal procedure, but I, who am no lawyer, think not. Only a strong reaffirmation of the basic procedural rights of citizens accused of a wrong, when job and reputation are at stake, will suffice to restore confidence in the security clearance program among innumerable scientists and other observers who have come to regard it with distaste. The discriminating and integrated program which the special committee here advances could, if put into effect, go far toward restoring that confidence.

The appendixes contain the best available statistics on the operation of the loyalty-security program to date as well as a useful compilation of the relevant statutes, orders, and regulations. There is an index.

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Medicinal Chemistry, vol. II. F. F. Blicke and C. M. Suter, eds. John Wiley, New York; Chapman & Hall, London, 1956. 311 pp. \$10.

The objective of the Medicinal Chemistry series is to summarize available data on structure-activity relationships of various types of drugs, with brief discussions of methods of synthesis and pharmacological test procedures.

The second volume consists of four reviews, each written by recognized experts. The first section by A. Stoll, on the cardiac glycosides, has little biological data and consists almost entirely of chemical methods used in proving structure.

It includes a supplement by T. L. Johnson. John A. Hogg and Jerome Korman, in the second section, thoroughly review the synthetic estrogens. The third by C. M. Suter briefly describes arylpiperidine analgesics. The last one, by G. E. Ulyot and J. F. Kerwin, gives a comprehensive treatment of the haloethylamine adrenergic blocking agents.

This volume, as well as others in the series, has undoubted value as a reference book. A large part of it is arranged as tabular data, and the authors are to be congratulated for their painstaking efforts in presenting so much information in so little space.

From the bibliography at the end of each review it must be assumed that the articles were written a number of years back. The lapse of time before publication is to be regretted, since the reader should expect to have the very latest in the rapidly expanding field of medicinal chemistry. This is particularly unfortunate in regard to the unusually well-written and readable chapter on adrenergic blocking agents. Most of the glowing potentialities of the β -halo-ethylamines in clinical practice have evaporated in the heat of clinical trial. Furthermore, it is now generally accepted that norepinephrine, rather than epinephrine, is the neurohumoral agent against which these substances should be effective.

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Miscellaneous Publications

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

A Revision of the Genus Megarthroglossus Jordan and Rothschild, 1915 (Siphonaptera: Hystrichopsyllidae). University of California Publ. in Entomology, vol. 11, No. 3. Eustrogio Mendez. University of California Press, Berkeley, 1956. 34 pp. \$0.85.

Joint Spacing in Concrete Pavements: 10-Year Report on Six Experimental Projects. Highway Research Bd. Research Rept. 17-B. National Academy of Sciences-National Research Council, Washington, 1956. 159 pp. \$2.70.

The Child and His Family in Disaster: A Study of the 1953 Vicksburg Tornado. Disaster Study No. 5. Stewart E. Perry, Earle Silber, Donald A. Bloch. 62 pp. \$1.50. *Social Aspects of Wartime Evacuation of American Cities*. With particular emphasis on long-term housing and reemployment. Disaster Study No. 4. Fred C. Ikle and Harry V. Kincaid. 100 pp. \$2. Committee on Disaster Studies, National Academy of Sciences-National Research Council, Washington, 1956.

National Vitamin Foundation, Report to the Board of Governors by the Scientific Director. 1 Jan. 1955-31 Dec. 1955. The Foundation, New York 22, 1956. 73 pp.

Geographic Distribution in Exchange Programs. Geographic considerations in the selection and placement of U.S. Government-sponsored exchange students. Committee on Educational Interchange Policy, New York, 1956. 17 pp.

Annotated Bibliography of Hydrology (1951-54) and Sedimentation (1950-54) United States and Canada. Supplement to the *Annotated Bibliography on Hydrology* and the *Annotated Bibliography on Sedimentation*. Compiled and edited by American Geophysical Union, Washington, 1956 (order from Supt. of Documents, GPO, Washington 25). 207 pp. \$1.25.

Educators Guide to Free Slidefilms. Compiled and edited by Mary Foley Horkheimer and John W. Diffor. ed. 8. 188 pp. \$5. *Elementary Teachers Guide to Free Curriculum Materials*. Patricia Horkheimer Suttles. ed. 13. 318 pp. \$5.50. Educators Progress Service, Randolph, Wis., 1956.

New York Foundation, Two Year Report. 1954-1955. New York Foundation, New York, 1956. 43 pp.

Your Career as an Engineer in Aviation. Institute of the Aeronautical Sciences, New York 21, 1956. 21 pp.

New Channels for the Golden Years. New York State Joint Legislative Committee on Problems of the Aging (Available from Thomas C. Desmond, Chairman, 94 Broadway, Newburgh, N.Y.). 151 pp.

Tobacco Industry Research Committee, Report of the Scientific Director, 1956. The Committee, New York, 1956. 24 pp.

Report of the Pest Infestation Research Board, 1955. With the report of the Director of Pest Infestation Research. 62 pp. 4s. *Report of the Hydraulics Research Board, 1955*. With the report of the Director of Hydraulics Research. 56 pp. 4s. *Report of the Chemistry Research Board, 1955*. With the report of the Director of the Chemical Research Laboratory. 88 pp. 4s. *Report of the Water Pollution Research Board 1955*. With the report of the Director of Water Pollution Research. 81 pp. 4s. *Wage Accounting by Electronic Computer*. Report No. 1 of the Inter-Departmental Study Group on the Application of Computer Techniques to Clerical Work. 57 pp. 2s. 6d. *Automation*. A report on the technical trends and their impact on management and labor. 106 pp. 6s. Department of Scientific and Industrial Research, Her Majesty's Stationery Office, London, 1956.

Report of the Medical Research Council for the Year 1954-1955. Committee of Privy Council for Medical Research. Her Majesty's Stationery Office, London, 1956. 286 pp. 10s.

The Application of Physical Sciences to Food Research, Processing and Preservation. Southwest Research Institute, San Antonio, Tex., 1956. 179 pp. \$5.

A Study of African Chironomidae. pt. II. Bull. Brit. Mus. (Nat. Hist.) Entomology, vol. 4, No. 7. Paul Freeman. British Museum (Natural History), London, 1956. 80 pp. £1.

Midwest Research Institute, Annual Report of the President to the Trustees. 11th annual report. Midwest Research Institute, Kansas City 10, Kansas, 1956. 17 pp.