

regulation, drug certification, council acceptance, product development promotion and marketing, advertising, detailing the physician, professional acceptance, and retail price maintenance. A valuable bibliography is also included.

The book is not without surprises. Actually the word "research" is appropriate to the title by courtesy only, for few chapters are allocated to that topic and then, of necessity, from the viewpoint of the drug industry. While it may be admitted that this apportionment of research to the total picture is appropriate, devoted researchers like to think their contribution represents a far greater portion of the total. One chapter unexpectedly contains an excellent discussion of the critical need for animal experimentation, and another contains invaluable advice to medical copywriters. Occasionally one finds certain details emphasized more than once. For example, at four different places the laboratory worker is advised to keep a record to provide legal evidence of work accomplished; tests on stability of drugs are discussed twice. The risks and returns on research investment are discussed four times and not without conflicting viewpoints. Perhaps this serves to emphasize that the editors have extended the utmost latitude and liberty to each author in expressing his thoughts.

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Scientific Book Register

- BAVER, L. D. *Soil physics*. (2nd ed.) New York: John Wiley; London: Chapman & Hall, 1948. Pp. xiii + 398. (Illustrated.) \$4.75.
- BREMEKAMP, C. E. B., and NANNENGA-BREMEKAMP, N. E. *A preliminary survey of the Ruelliinae (Acanthaceae) of the Malay Archipelago and New Guinea*. (Nederl. Akad. Wet., Verh. (Tweede Sectie), Dl. XLV, No. 1.) Amsterdam: N. V. Noord-Hollandsche Uitgevers-Maatschappij, 1948. Pp. 39.
- GATES, H. A. *Primary anatomy*. Baltimore: Williams & Wilkins, 1948. Pp. ix + 478. (Illustrated.) \$6.00.
- CHURCHILL, RUEL V. *Introduction to complex variables and applications*. New York-London: McGraw-Hill, 1948. Pp. vi + 216. (Illustrated.) \$3.50.
- DAVIS, JOSEPH S. (Ed.) *Carl Alsberg: scientist at large*. Stanford, Calif.: Stanford Univ. Press, 1948. Pp. xi + 182. \$2.00.
- FINDLAY, ALEXANDER. *A hundred years of chemistry*. (2nd ed.) Cambridge, Engl.: at the Univ. Press; New York: Macmillan, 1948. Pp. 318. \$4.50.
- FLEURY, PAUL, and COURTOIS, JEAN. *Les diastases*. Paris: Librairie Armand Colin, 1948. Pp. 216. 150 fr.
- HENSON, FRANCIS ROGER SPENCER. *Larger imperforate Foraminifera of south-western Asia: families Lituolidae, Orbitolinidae and Meandropsinidae*. London: British Museum (Natural History), 1948. Pp. xi + 127. (Illustrated.) 1£ 10/.
- HOSKINS, MARGARET M., and BEVELANDER, GERRIT. *Outline of histology*. Pt. I: *General histology*; Pt. II: *Dental histology and embryology*. (2nd ed.) St. Louis, Mo.: C. V. Mosby, 1948. Pt. I: 180 pp.; Pt. II: 113 pp. (Looseleaf.) (Illustrated.) \$3.50.
- KABAT, ELVIN A., and MAYER, MANFRED M. *Experimental immunochemistry*. Springfield, Ill.: Charles C. Thomas, 1948. Pp. xv + 567. (Illustrated.) \$8.75.
- KEENAN, JOSEPH H., and KAYE, JOSEPH. *Gas tables: thermodynamic properties of air products of combustion and component gases and compressible flow functions*. (Rev. ed.) New York: John Wiley; London: Chapman & Hall, 1948. Pp. x + 238. \$5.00.
- KONORSKI, JERZY. *Conditioned reflexes and neuron organization*. Cambridge, Engl.: at the Univ. Press; New York: Macmillan, 1948. Pp. xiv + 267. (Illustrated.) \$4.00.
- LIEF, ALFRED. *The commonsense psychiatry of Dr. Adolf Meyer: fifty-two selected papers edited, with biographical narrative*. New York-London: McGraw-Hill, 1948. Pp. xvii + 677. (Illustrated.) \$6.50.
- LOVERIDGE, ARTHUR. *New Guinean reptiles and amphibians in the Museum of Comparative Zoology and United States National Museum*. (Bull. of Museum of Comparative Zoology, Harvard, Vol. 101, No. 2.) Cambridge, Mass.: Museum of Comparative Zoology, 1948. Pp. 307-430.
- NEEDHAM, JOSEPH, and NEEDHAM, DOROTHY. (Eds.) *Science outpost: Papers of the Sino-British Co-operation Office, 1942-1946*. London: Pilot Press, 1948. Pp. 313. (Illustrated.) 25/.
- PATTY, FRANK A. (Ed.) *Industrial hygiene and toxicology*. (Vol. I.) New York-London: Interscience, 1948. Pp. xxvii + 531. (Illustrated.) \$10.00.
- PINCUS, GREGORY, and THIMAN, KENNETH V. (Eds.) *The hormones: physiology, chemistry and applications*. (Vol. I.) New York: Academic Press, 1948. Pp. xi + 886. (Illustrated.) \$13.50.
- RAISZ, ERWIN. *General cartography*. (2nd ed.) New York-London: McGraw-Hill, 1948. Pp. xv + 354. (Illustrated.) \$6.00.
- STEVENS, NEIL E. *Factors in botanical publication and other essays*. (Vol. 11, No. 3.) Waltham, Mass.: Chronica Botanica; New York: Stechert-Hafner, 1947. Pp. 119-206. \$2.00.
- THIRRING, HANS. *Die Idee der Relativitätstheorie: gemeinverständlich dargestellt*. (3rd ed.) Wein, Austria: Springer Verlag, 1948. Pp. 168. \$2.80.
- WEDEL, WALDO R. *Prehistory and the Missouri Valley development program: summary report on the Missouri River Basin Archeological Survey in 1947*. (Smithsonian Misc. Coll., Vol. III, No. 2.) Wash., D. C.: Smithsonian Institution, 1948. Pp. 52. (Illustrated.)
- WOERDEMAN, M. W. *Atlas of human anatomy: descriptive and regional*. Baltimore, Md.: Williams and Wilkins, 1948. (Illustrated.)
- . *Les isotopes: rapports et discussions*. (Septième Conseil de Chimie; Institut International de Chimie Solvay.) (In French and English.) Brussels: R. Stoops, 1948. Pp. 411. (Illustrated.)