

distinguish between a 200-word abstract and a 200-page monograph. In a book such as this, that will probably be used as a text and reference in advanced classes, literature citations are an essential part of the authors' contribution. The cryptic style of literature citation used here is frustrating to the student who wishes to go back to original sources.

In general, the book is a very competent presentation of the principles of plant pathology and of representative diseases of the world's chief crop plants. It should prove useful to beginning and advanced students in many countries.

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Scientific Book Register

- The Hormones: Chemistry, Physiology and Applications*, Vol. II. Gregory Pincus and Kenneth V. Thimann, Eds. New York: Academic Press, 1950. 782 pp. \$12.50.
- Anatomy of the Dicotyledons: Leaves, Stem, and Wood in Relation to Taxonomy*, 2 vols. C. R. Metcalfe and L. Chalk. New York: Oxford Univ. Press, 1950. 1500 pp. \$25.00.
- Manual of Standardized Procedures for Spectrophotometric Chemistry*. Harold J. Fister. New York: Standard Scientific Supply Corp., 1950. 500 pp. \$30.00.
- The Merck Manual of Diagnosis and Therapy*. 8th ed. Rahway, N. J.: Merck & Co., 1950. 1592 pp. \$4.50; thumb-index edition \$5.00.
- Nuclear Physics: A Textbook*. Francis Bitter. Cambridge, Mass.: Addison-Wesley, 1950. 200 pp. \$5.50.
- L'Expansion de L'Univers*. Paul Coudere. Paris: Presses Universitaires de France, 1950. 222 pp. 500 fr.
- Methods in Climatology*. 2nd ed. V. Conrad and L. W. Pollak. Cambridge, Mass.: Harvard Univ. Press, 1950. 459 pp. \$7.50.
- The Anatomy of Mathematics*. R. B. Kershner and L. R. Wilcox. New York: Ronald Press, 1950. 416 pp. \$6.00.
- Economic Mineral Deposits*. 2nd ed. Alan M. Bateman. London: Chapman & Hall; New York: John Wiley, 1950. 916 pp. \$7.50.
- Molecular Spectra and Molecular Structure: Spectra of Diatomic Molecules*, I. 2nd ed. Gerhard Herzberg. New York: D. Van Nostrand, 1950. 658 pp.
- An Introduction to Plant Physiology*. Otis F. Curtis and Daniel G. Clark. New York: McGraw-Hill, 1950. 752 pp. \$6.50.
- Studies in Social Psychology in World War II: Measurement and Prediction*, Vol. IV. Samuel A. Stouffer *et al.* Princeton, N. J.: Princeton Univ. Press, 1950. 756 pp. \$10.00.
- Plant Viruses and Virus Diseases*. 3rd rev. ed. F. C. Bawden. Waltham, Mass.: Chronica Botanica; New York: Stechert-Hafner, 1950. 335 pp. \$6.00.
- Oral and Facial Cancer*. Bernard G. Sarnat and Isaac Schour. Chicago: Year Book Publishers, 1950. 300 pp. \$6.00.
- Birds of the West*. Ernest Sheldon Booth. Stanford, Calif.: Stanford Univ. Press, 1950. 402 pp. \$6.00.
- Atlas of Human Anatomy: Splanchnology, Angiology, Nervous System, Organs of Sense*, Vol. II. M. W. Woerdeman. Philadelphia: Blakiston, 1950. 642 plates, index. \$10.00.
- Social Psychology: An Integrative Interpretation*. S. Stansfeld Sargent. New York: Ronald Press, 1950. 519 pp. \$4.50.
- Principles of Ionic Organic Reactions*. Elliot R. Alexander. New York: John Wiley; London: Chapman & Hall, 1950. 318 pp. \$5.50.
- Hydrogen in Chemical Atoms: Analysis of Spectral Levels from Li I to O VII*. William Mayo Venable. Pittsburgh, Pa.: Markowitz, Haas & Kopelman, 1950. 156 pp. \$4.00.
- Practical Invertebrate Anatomy*. W. S. Bullough. London-New York: Macmillan, 1950. 463 pp. \$4.50.
- Hydrology: The Fundamental Basis of Hydraulic Engineering*. 2nd ed. Daniel W. Mead. New York-London: McGraw-Hill, 1950. 728 pp. \$7.50.
- Differential Algebra*. Joseph Fels Ritt. New York: American Mathematical Society, 1950. 184 pp. \$4.40.
- The Nutritional Improvement of Life*. Henry C. Sherman. New York: Columbia Univ. Press, 1950. 270 pp. \$3.75.
- The Scientist's Ready Reckoner: Logarithmic Tables for All Those Engaged in Physical and Biological Sciences*. W. Roman. The Hague, Holland: Dr. W. Junk; London, England: Wm. Dawson & Sons, 1950. 142 pp. 15/-.
- German Science Reader: An Analytical Approach to Translation Problems*. George Wm. Radimersky. New York: Ronald Press, 1950. 245 pp. \$3.00.
- Petroleum and Its Products*. 24th annual Priestley Lectures. William J. Sweeney. State College, Pa.: Dept. of Chemistry, Pennsylvania State College, 1950. 5 chapters. \$2.25.
- The Physiology of Work and Play: A Textbook in Muscular Activity*. Sarah R. Riedman. New York: Dryden Press. 584 pp. \$4.90.
- Practical Television Engineering*. Scott Helt. New York: Murray Hill Books, 1950. 708 pp. \$7.50.
- Textbook of Healthful Living*. 4th ed. Harold S. Diehl. New York: McGraw-Hill, 1950. 776 pp. \$4.00.
- General Chemistry*. 2nd ed. John Arrend Timm. New York: McGraw-Hill, 1950. 764 pp. \$4.50.