

trilingual; the new *Tables* speak only English. A 4-page "dictionary" translates technical terms into French, German, Russian, and Spanish. It is good as far as it goes, despite one or two fanciful translations. The material presentation of text, tables, and figures is lavish—no pain has been spared (no paper either).

The editors and their friends have worked hard at a labor of love. "You cannot please everybody and his uncle"—this is a job well done.

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Proceedings of the International Congress on Analytical Chemistry, Oxford, England, September 4-9, 1952. Under the patronage of The International Union of Pure and Applied Chemistry. Cambridge, Eng.: W. Heffer, 1953. 493 pp. Illus. + plates. 42s.

At the meeting of the International Union of Pure and Applied Chemistry in New York in 1951, the Section of Analytical Chemistry officially came into being. Several years of preliminary planning then culminated in the meeting of the first International Congress on Analytical Chemistry held at Oxford University. A

general report of the meeting, including the scientific papers presented, make up this book.

There are certain items of general interest such as the following: a foreword by Sir Robert Robinson; a list of the Union analytical commissions and sub-commissions, including the members; a list of the 87 analytical exhibits staged in the Dyson Perrins Laboratory during the meeting; and a list of the names of those attending the meeting.

The all-invited program of papers consisted of four general "congress lectures" by R. H. Müller, L. H. Lampitt, C. J. van Nieuwenburg, and I. M. Kolthoff, and 48 others on specific subjects. The latter are grouped under microchemical methods, biological methods, electrical methods, optical methods, radiochemical methods, organic complexes, presentation of data, adsorption and partition methods, and general. Each specific paper has an abstract in English, German, and French, together with a record of the subsequent discussion. All the papers appeared in the November and December 1952 issues of the *Analyst*.

The committee in charge of the program and the editor of the *Analyst* are to be congratulated on a very successful undertaking. The meeting will long be remembered by those in attendance.

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Scientific Book Register

Natural History of Infectious Disease. 2nd ed. of *Biological Aspects of Infectious Disease*. F. M. Burnet. New York: Cambridge Univ. Press, 1953. 356 pp. Illus. \$4.50.

Aluminum in Iron and Steel. Samuel L. Case and Kent R. Van Horn. New York: Wiley; London: Chapman & Hall, 1953. (For the Engineering Foundation.) 478 pp. Illus. \$8.50.

Statistical Methods in Experimentation: An Introduction. Oliver L. Lacey. New York: Macmillan, 1953. 249 pp. Illus. \$4.50.

Fundamentals of Biology. M. J. Harbaugh and A. L. Goodrich, Eds. New York: Blakiston, 1953. 611 pp. Illus. \$6.00.

Tensor Calculus. Barry Spain. Edinburgh-London: Oliver and Boyd; New York: Interscience, 1953. 125 pp. \$1.55.

Chemical Physiology of Contraction in Body and Heart Muscle. A. Szent-Györgyi. New York: Academic Press, 1953. 135 pp. Illus. \$4.80.

Electron Optics. 2nd ed. O. Klemperer. New York: Cambridge Univ. Press, 1953. 471 pp. Illus. \$9.50.

Microbiology and Human Progress. Madeleine Parker Grant. New York: Rinehart, 1953. 718 pp. Illus. \$6.75.

Introduction to Solid State Physics. Charles Kittel. New York: Wiley; London: Chapman & Hall, 1953. 396 pp. Illus. \$7.00.

The End of the World: A Scientific Inquiry. Kenneth Heuer. New York-Toronto: Rinehart, 1953. 220 pp. + plates. \$3.00.

The Philosophy of Human Nature. George P. Klubertanz. New York: Appleton-Century-Crofts, 1953. 444 pp. \$3.50.

Radiations and Living Cells. An introduction to radiation biology, in which the action of penetrating radiations on the living cell is described, with special reference to the effect on cell division in human tissues. F. G. Spear. New York: Wiley, 1953. 222 pp. Illus. \$3.50.

Adventures in Artificial Respiration. Peter V. Karpovich. New York: Association Press, 1953. 303 pp. Illus. \$7.50.

The Good Doctor. And other selections from the essays and addresses of William de Berniere MacNider. William W. McLendon and Shirley Graves Cochrane, Eds. Chapel Hill: Univ. North Carolina Press, 1953. 179 pp. \$5.00.

The Yields of a Crop. Based on an analysis of cotton-growing by irrigation in Egypt. W. Lawrence Balls. London: E. & F. N. Spon, 1953. 144 pp. Illus. + plates + charts. 21s.

Scientific Explanation. A study of the function of theory, probability and law in science; based upon the *Turner Lectures*, 1946. Richard Bevan Braithwaite. New York: Cambridge Univ. Press, 1953. 376 pp. Illus. \$8.00.

Chemical Constitution. An Introduction to the theory of the chemical bond. 1st Eng. ed. J. A. A. Ketelaar; trans. by L. C. Jackson. Amsterdam-Houston: Elsevier Press, 1953. 398 pp. Illus. \$6.50.

Contact Dermatitis. George L. Waldbott. Springfield, Ill.: Thomas, 1953. 218 pp. Illus. \$8.75.