

• First Glances at New Books

Chemistry

TWENTY-FIVE YEARS OF CHEMICAL ENGINEERING PROGRESS—Edited by Sidney D. Kirkpatrick—*Van Nostrand Co.*, 387 p., \$4. Authorities in the various fields of chemical engineering summarize the recent progress in the application of chemistry to industry. The advances that have resulted from the impact of chemical science upon industry make interesting reading and they should inspire larger attention to the contributions of science attainment to national and world recovery. This volume is issued in connection with the silver anniversary of the American Institute of Chemical Engineers.

Science News Letter, August 12, 1933

Exploration

FOUR YEARS IN THE WHITE NORTH—Donald B. MacMillan—*Hale, Cushman & Flint*, 428 p., \$3. Third printing.

Science News Letter, August 12, 1933

Economics-Engineering

COMMON SENSE ABOUT MACHINES AND UNEMPLOYMENT—Morris P. Taylor—*Winston*, 173 p., \$1.50. Technology as it impinges upon economics is discussed in this book. The author points out that we can draw two conclusions from the late-lamented new era. "First, small discrepancies between the value of the products of industry and the purchasing power of the bulk of the community can have extreme consequences. Second, since the original discrepancies are relatively small, we should be able to correct them by intelligent effort."

Science News Letter, August 12, 1933

Physics

PHYSICAL MECHANICS—Robert Bruce Lindsay—*D. Van Nostrand*, 436 p., \$4. A new text of intermediate grade for students of the physical sciences, written by the associate professor of theoretical physics at Brown University.

Science News Letter, August 12, 1933

Education

AN ORIENTATION COURSE IN EDUCATION—Joseph S. Butterweck and J. Conrad Seegers—*Houghton Mifflin*, 392 p., \$2. A book for prospective teachers. Of science and the machine age, the authors say: "Science is truly remaking the world; the world of thought and the world of action, the world of education and the world of regulation and punishment, the world of play and the world of labor, the

world of religion and the world of physical health. And the end is not yet. Anyone born into such a world must be educated, above all things, to adapt himself to change and to help direct the course of the change. No longer will the authoritative acceptance of truth concept of education suffice, for we too must inquire, 'What is truth?'"

Science News Letter, August 12, 1933

Astronomy

STELLAR WONDERS—Charles Whyte—*Sheldon Press*, 196 p., \$1.75. Popular astronomy originally prepared for broadcasting in Great Britain. An adequate first introduction to the universe of stars, planets and nebulae that confines itself largely to the objects that can be seen in the sky and does not enter into the realm of universe theories.

Science News Letter, August 12, 1933

Public Health

EPIDEMIOLOGY IN RELATION TO AIR TRAVEL—Arthur Massey—*H. K. Lewis, London*, 59 p., 7s. 6d. Here is a brief but intensely practical book on a subject which has become one of the most recent public health problems. Public health and air line officials will be particularly interested. Maps showing disease zones and lines of air travel, and a table comparing the incubation period for yellow fever with air and sea distances between yellow fever areas and other points add to the practical value of the book.

Science News Letter, August 12, 1933

Psychology

GENERAL PSYCHOLOGY—Gardner Murphy—*Harper*, 657 p., \$3.50. An interesting textbook with an unusually plentiful supply of illustrations.

Science News Letter, August 12, 1933

Hygiene

GROWING INTO MANHOOD—Roy E. Dickerson—*Association Press*, 100 p., \$1. A book on sex education for boys between 12 and 15, endorsed by the Young Men's Christian Association. It is simply written in direct matter-of-fact style and should fulfill its purpose satisfactorily.

Science News Letter, August 12, 1933

Engineering-Medicine

STOP THAT SMOKE—Henry Obermeyer—*Harper*, 289 p., \$2.50. Written in non-technical language, the smoke menace is pictured as a condition of which most of us are unaware because we are so close to it. The author contends that an emergency actually exists, that it can be overcome and that we must overcome it in the interests of economy and health.

Science News Letter, August 12, 1933

Economics-Industry

THE NATIONAL INDUSTRIAL RECOVERY ACT—Benjamin S. Kirsh and Harold R. Shapiro, *Central Book Co.*, 156 p., \$2.50. A brief volume explaining the industrial control provisions of the national industrial recovery act.

Science News Letter, August 12, 1933

Library Science

THE PRACTICAL USE OF BOOKS AND LIBRARIES—Gilbert O. Ward—*F. W. Faxon Co.*, 195 p., \$2. The fifth edition, revised and enlarged, of one of the best library manuals.

Science News Letter, August 12, 1933

Physics—Geology—Chemistry

TRANSACTIONS OF THE AMERICAN GEOPHYSICAL UNION, FOURTEENTH ANNUAL MEETING, 1933—*National Research Council*, 521 p., Free. This National Research Council publication, effectively and economically printed by lithography, is in effect a year book of American geophysics. It brings into plainest form for ready reference the papers delivered before the sections upon geodesy, meteorology, terrestrial magnetism and electricity, oceanography, volcanology, seismology and hydrology at the April, 1933, meeting.

Science News Letter, August 12, 1933

Zoology

LONDON ZOO—Gertrude Gleeson—*Robert M. McBride & Co.*, 323 p., \$2.50. Nearly as much fun as a trip to the London Zoo and not nearly so tiring. There are dozens of photographs. Typical chapter headings: Monkey Tricks; Elephants Are So Shy; The Zoo Orchestra; Nobody Loves a Sea Lion Long.

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