

PUBLISHING NEWS

Reviews of Astronomy

Annual Reviews, Inc., of Palo Alto, Calif., has announced the forthcoming publication of a new review series, the *Annual Review of Astronomy and Astrophysics*, which will appear under the editorship of Leo Goldberg of Harvard College Observatory. The Editorial Committee for the new series consists of Prof. Goldberg and five other members: Ronald Bracewell of Stanford University, Geoffrey Burbidge of Yerkes Observatory, Maarten Schmidt of the Mt. Wilson and Palomar Observatories, Otto Struve of the National Radio Astronomy Observatory, and Harold C. Urey of the University of California. The contents of the first volume, which is scheduled to appear in the fall of 1963, will be determined by the committee at its initial meeting next month.

Compilations

The General Radio Company has published the fourth edition of its *Handbook of Noise Measurement* by Arnold P. G. Peterson and Ervin E. Gross, Jr. The 132-page volume deals with various aspects of noise measurement and control, beginning with a consideration of the decibel and continuing with discussions of man as a noise-measuring instrument, mechanical noise-measuring devices, noise sources, noise levels, reactions to noise, noise control, and mechanical vibrations and their measurement. Appendices give tables, conversion charts, and a glossary of acoustical terms. The book is paperbound, is priced at \$1, and may be obtained from the General Radio Company, West Concord, Mass.

A theoretical study of the sharp-line absorption spectra of crystals has been published by the National Bureau of Standards as Monograph 19 under the title, *Atomic Energy Levels in Crystals*. Written by John Prather, it presents a collection of the results of group theory applying to the theory of atomic energy levels in crystals, and gives a development of the general theory to permit application of those results to experimental problems. The 84-page monograph is priced at 60 cents and can be ordered from the Superintendent of Documents, US Government Printing Office, Washington 25, D. C.

Publishers

The boards of directors of John Wiley & Sons and Interscience Publishers have decided, subject to the approval of their stockholders, to merge the two corporations under the name of John Wiley & Sons, Inc. In a statement made public on June 27, the presidents

of the two firms, W. Bradford Wiley and Maurits Dekker, indicated that the expansion of the editorial programs of both houses would be maintained without disturbance and that the Interscience imprint would be continued. Mr. Dekker and Eric S. Proskauer of Interscience have both been named to the Wiley board of directors.

Early in July it was announced that John Wiley & Sons and Basic Books, Inc., had entered into an agreement whereby the two firms will jointly sponsor a new line of paperbacks under the imprint "Science Editions". According to the publishers, the new series is planned to encompass "every era, every field, every figure of consequence, and every development of significance in the world of scientific thought and discovery". The new paperbacks will be priced between \$1.45 and \$2.45 and are intended for both general readership and student use. New titles will be announced quarterly, and, within a year, between forty and fifty volumes are expected to be in print. They will be published simultaneously in England by John Wiley, Ltd., and distributed in Canada by General Publishing Co., Toronto.

Among the first titles, scheduled for publication in September, are: *The Logic of Scientific Discovery* by Karl R. Popper, *The Structure of Matter* by Francis O. Rice and Edward Teller, *Introduction to Difference Equations* by Samuel Goldberg, and *The Earth and Its Atmosphere*, edited by D. R. Bates.

International Science and Technology

A new interdisciplinary magazine, *International Science and Technology*, is to appear for the first time in January 1962. To be published on a monthly basis by Conover-Mast Publications of New York City, the magazine will report, by means of authoritative review articles, on the interrelationships of pure and applied science and advanced technology, selecting as subjects those most likely to affect industrial progress. Some emphasis will thus be placed on the physical sciences, but the scope of the magazine will also include developments in the life sciences and social sciences. In addition, attention will be given to public issues and policy matters of particular concern to the technical community.

A prototype issue appearing this month is scheduled to include articles on cryogenics, ultrapure materials, neutron analysis, high-temperature polymers, optical masers, the capacity of the ocean to absorb radioactive and other wastes, and the problems and opportunities involved in international cooperation in scientific research.

On the magazine's editorial board are E. U. Condon,