

The third volume, which deals with the reproduction of DNA animal viruses, is opened by a description by J. A. Rose of parvovirus reproduction, a straightforward account of the smallest known DNA-containing vertebrate viruses by a leader in a recently developed field.

The next two chapters, on papovaviruses by N. P. Salzman and G. Khoury and on adenoviruses by L. Philipson and U. Lindberg, are well written and well illustrated. The authors cover most of the latest information and provide their own speculations and interpretations.

The following chapter on the herpesviruses by B. Roizman and D. Furlong is more than twice as long as any other chapter in the volume. It is primarily a detailed review (with 47 figures and 11 tables) of the work performed in the authors' laboratory. Other, equally interesting aspects of the replication of the herpesviruses are either completely neglected or treated in a cursory manner, with a number of errors. The last chapter in volume 3 is an interesting account by B. Moss of recent work on the poxviruses. The author presents a nicely illustrated summary of most aspects of the interaction of the poxviruses with their host cells.

The fourth volume considers the reproduction of large RNA viruses. The first chapter, by R. R. Wagner on the rhabdoviruses, is a lucid and comprehensive account of this important group. The chapters on the myxoviruses by P. W. Choppin and R. W. Compans are also well written and informative. They contain an excellent account of the physical-chemical properties of these viruses and cover many of the biological and biochemical properties quite well. J. Bader's chapter on the RNA tumor viruses puts in perspective the information available up to 1973. Though already out of date, it is worth reading if only for the number of controversial issues discussed and hypotheses proposed to explain the replication of these viruses.

In general, this series suffers from unevenness in quality and might have been edited more carefully. (There is an unusual number of typographical errors.) The coverage is certainly not "comprehensive"—pathological and immunological aspects of virology are omitted, and many of the authors refer the reader to reviews in areas of virology not covered in these volumes. Some of the chapters are rather complete, whereas others are already out of date. For example, intensive research on the picornaviruses occurred during the '60's and consequently most of the important information about these viruses could be included in the book. By contrast, the chapter on the replication of RNA tumor viruses is dated because research on the subject is

currently progressing rapidly. Despite its shortcomings, however, this series will be useful to those interested in becoming acquainted with the field of virology, as well as to virus research workers and teachers. Students will probably gain the most from the series. It is a pity, therefore, that the price of the volumes is so high.

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**Abrégé de Biochimie Végétale.** A l'Usage des Etudiants en Pharmacie. J.-L. Guignard. Masson, Paris, 1974. x, 214 pp., illus. Paper, 39 F.

**Acid-Base and Electrolyte Balance.** Gösta Rooth. Studentlitteratur, Lund, Sweden, 1974 (U.S. distributor, Year Book Medical Publishers, Chicago). 118 pp., illus. Paper, \$7.95.

**Adjustment to Widowhood and Some Related Problems.** A Selective and Annotated Bibliography. Cécile Strugnell. Health Sciences Publishing Corp., New York, 1974. vi, 202 pp. Paper, \$6.50.

**Agriculture.** Food and Man. Study Guide. Robert L. Park and five others. Brigham Young University Press, Provo, Utah, 1975. x, 158 pp. Paper, \$2.95.

**Airports and the Environment.** A Study of Air Transport Development and Its Impact upon the Social and Economic Well-being of the Community. Alan H. Stratford. St. Martin, New York, 1975. xiv, 158 pp., illus. \$13.95.

**Analog Integrated Circuits.** Devices, Circuits, Systems, and Applications. J. A. Connelly, Ed. Wiley-Interscience, New York, 1975. xxiv, 402 pp., illus. \$20.95.

**Annual Review of Medicine.** Selected Topics in the Clinical Sciences. Vol. 26. William P. Creger, C. H. Coggins, and E. W. Hancock, Eds. Annual Reviews, Palo Alto, Calif., 1975. x, 610 pp., illus. \$15.

**Apes, Men, and Language.** Eugene Linden. Saturday Review Press (Dutton), New York, 1975. xvi, 304 pp., illus. \$8.95.

**The Astronomical Telescope.** Boris V. Barlow. Wykeham, London, and Springer-Verlag, New York, 1975. viii, 216 pp., illus. Paper, \$7.80. The Wykeham Science Series.

**Atomic Absorption Spectrometry.** Maurice Pinta, Ed. Translated from the French edition (Paris, 1971) by K. M. Greenland and F. Lawson. Halsted (Wiley), New York, 1975. xxii, 418 pp., illus. \$95.

**Benzene and Its Industrial Derivatives.** E. G. Hancock, Ed. Halsted (Wiley), New York, 1975. xiv, 598 pp., illus. \$72.50.

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**A Bibliography of Soviet Sources on Medicine and Public Health in the U.S.S.R.** Prepared by Lee Perkins. National Institutes of Health, Bethesda, Md., 1975 (available from the Superintendent of Documents, Washington, D.C.). xx, 236 pp. Paper, \$3.20. A Publication of Geographic Health Studies by the John E. Fogarty International Center. DHEW Publication No. (NIH) 75-773.

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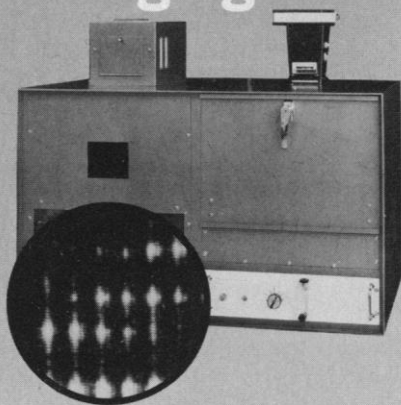
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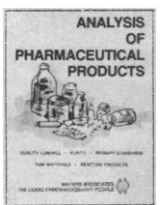
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