1969. xiv + 274 pp., illus. \$25. Ultrasonic Technology.

State Universities and Black Americans. An Inquiry into Desegregation and Equity for Negroes in 100 Public Universities. John Egerton. Southern Education Foundation, Atlanta, Ga., 1969. 96 pp., illus.

Synthesis of Polymers by Polycondensation. L. B. Sokolov. Translated from the Russian edition (Moscow, 1966) by J. Schmorak. Israel Program for Scientific Translations, Jerusalem; Davey, Hartford,

Conn., 1968. x + 260 pp., illus. \$17.50.

Techniques of Metals Research. R. F. Bunshah, Ed. Vol. 2, part 2, Techniques for the Direct Observation of Structure and Imperfections. Interscience (Wiley), New York, 1969. xiv + pp. 501-952 + appendices, illus. \$24.95.

Thesaurus of Textile Terms. Covering Fibrous Materials and Processes. Stanley Backer and Emery I. Valko, Eds. M.I.T. Press, Cambridge, Mass., ed. 2, 1969. xvi + 448 pp. \$25.

Troubleshooters' Handbook for Mechanical Systems. Robert Henderson Emerick. McGraw-Hill, New York, 1969. xvi + 512 pp., illus. \$12.50. McGraw-Hill Handbook Series.

Une Communauté Rurale de l'Irlande. Robert Cresswell. Institut d'Ethnologie, Musée de l'Homme, Paris, 1969. vi + 586 pp., illus. Paper, 100 F. Université de Paris, Travaux et Mémoires de l'Institut d'Ethnologie, No. 74.

Upper Devonian Ostracoda and Eridostraca from the Bonaparte Gulf Basin, Northwestern Australia. P. J. Jones. Bureau of Mineral Resources, Geology and Geophysics, Canberra, Australia, 1968. vi + 112 pp., illus. BMR Bulletin No. 99.

Urban Dynamics. Jay W. Forrester. M.I.T. Press, Cambridge, 1969. xiv + 290 pp., illus. \$12.50.

Vermes. Stephen Prudhoe, Colin G. Ogden, R. W. Sims, E. G. Easton, and S. Ware. Zoological Society of London, 1969. vi + 146 pp. Paper, \$8.40. Zoological Record, vol. 103, section 6, 1966.

Viruses, Vectors, and Vegetation. U.S.-Japan Conference on Interactions between Arthropods and Plant-Pathogenic Viruses, Tokyo, 1965. Karl Maramorosch, Ed. Interscience (Wiley), New York, 1969. xii 668 pp., illus. \$29.95.

Wallace and Bates in the Tropics. An Introduction to the Theory of Natural Selection. Based on the Writings of Alfred Russel Wallace and Henry Walter Bates. Barbara G. Beddall, Ed. Macmillan, New York; Collier-Macmillan, London, 1969. xii + 244 pp. \$5.95.

Water Supply. Economics, Technology, and Policy. Jack Hirshleifer, James C. De Haven, and Jerome W. Milliman. University of Chicago Press, Chicago, 1969. xiv + 386 pp., illus. \$10. Reprint, with new postscript, of the 1960 edition.

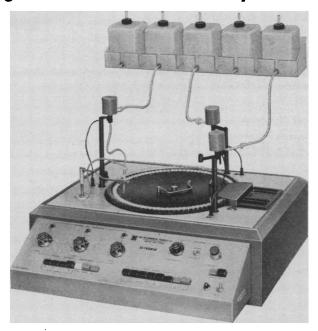
The World of Dragonflies and Damselflies. Ross E. Hutchins. Dodd, Mead, New York, 1969. 128 pp., illus. \$3.75.

Yearbook of International Organizations. The Encyclopaedic Dictionary of International Organizations, Their Officers, Their Abbreviations. 12th (1968-69) edition. Eyvind S. Tew, Ed. Union of International Associations, Brussels, 1969. 1220 pp. \$24.

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