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DISPLACEMENT OF WATER AND ITS CONTROL OF BIOCHEMICAL REACTIONS—Sherry Lewin—Academic Pr, 1974, 383 p., color plates, photographs, diagrams, \$24. Examines critically those biological processes which involve water addition and extrusion, whether reversible or irreversible. Considers the functional role of water in biological reactions which arise from possible changes in water structure.

ENERGY FOR SURVIVAL: The Alternative to Extinction—Wilson Clark with research by David Howell—Anchor Pr/Doubleday, 1974, 652 p., illus. by J. K. Page Jr., \$12.50. Considers energy as a limiting factor to growth; use of energy in industry, transportation, agriculture and buildings; then deals with alternative energy resources and decentralized power systems.

FLOWERS AND PLANTS: An International Lexicon with Biographical Notes—Robert Shostek; foreword by James L. Crowe—Quadrangle, 1974, 329 p., 393 drawings, \$9.95. A botanical, etymological, biographical and historical guide to 1,150 varieties of the world's flora, gives the reader insight into the origins and relationships of various plants.

PRINCIPLES AND TECHNIQUES OF SCANNING ELECTRON MICROSCOPY: Biological Applications, Vols. 1 and 2—M. A. Hayat, Ed.—Van Nos Reinhold, 1974, 287 p., 190 p., photographs, drawings, \$22.50, \$19.95. Vol. 1 of planned six-volume treatise presents methods applicable to botanical specimens; vol. 2 includes such methods as cathodoluminescence of herbicides, and SEM processing of fossil polynomorphs.

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PROGRESS IN THE NEUROSCIENCES AND RELATED FIELDS—Orbis Scientiae; Behram Kursunoglu, Chmn.; S. L. Mintz and S. M. Widmayer, Eds.—Plenum, 1974, 100 p., photographs, diagrams, \$18.50. Includes recent theories of Nobelist Sir John Eccles on the physiology and physics of the free will problem, and Ichiji Tasaki's evidence for phase-transition in nerve membrane.

THE ROLE OF IMMUNOLOGICAL FACTORS IN VIRAL AND ONCOGENIC PROCESSES: Seventh International Symposium, 1973—Roland F. Beers et al., Eds.—Johns Hopkins U Pr, 1974, 510 p., photographs, diagrams, tables, \$22.50. Papers and discussions consider, from a variety of perspectives, the progress in immunological approaches to treating cancer.

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