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THE AMATEUR ARCHAEOLOGIST'S HANDBOOK—Maurice Robbins with Mary B. Irving—T Y Crowell, 1973, 2nd ed., 288 p., photographs, drawings, maps, \$7.95. Updated and expanded reference on techniques and methods, equivalent to introductory course in archaeology, with valuable appendices including selected bibliography.

THE AMERICAN EPHEMERIS AND NAUTICAL ALMANAC FOR THE YEAR 1974—Nautical Almanac Office, U.S. Naval Observatory—GPO, 1973, 562 p., \$7.30. Source of basic calculations and data, principal ephemerides, eclipses, risings, settings, and miscellaneous tables.

ANNUAL REVIEW OF BIOPHYSICS AND BIOENGINEERING, Vol. 2—L. J. Mullins, William A. Hagins and Lubert Stryer, Eds.—Annual Reviews, 1973, 333 p., illus., \$12.50. This combined review deals with topics ranging from frequency dynamics of vascular blood flow, clustering theory and uses, to structure and symmetry of oligomeric enzymes.

THE BEGINNING OF THE FUTURE: A Historical Approach to Graduate Education in the Arts and Sciences—Richard J. Storr—McGraw, 1973, 115 p., \$5.95. This Carnegie Commission on Higher Education report explores the historical development of American graduate study and Ph.D. degrees, the challenges the system now faces, and recommendations for reform.

BIOCHEMICAL GENETICS—R. A. Woods—Chapman & Hall (Halsted Pr), 1973, 64 p., diagrams, paper, \$2.75. Outline pays particular attention to the historical development of the subject, emphasizing the most important experiments and concepts.

THE CALIFORNIA TOMORROW PLAN—Alfred Heller, Ed.—Wm Kaufmann, 1972, 120 p., illus., \$7.95; paper, \$2.50. Presents in nontechnical language a regional planning analysis for the future conservation and development of California, based on ecological principles.

CELLULAR DEVELOPMENT—D. R. Garrod—Chapman & Hall (Halsted Pr), 1973, 64 p., drawings, paper, \$2.75. This concise account concerns itself primarily with cellular interactions during the processes of pattern formation (the spatial organization of differentiation) and morphogenesis (the generation of form).

CHILD CARE—WHO CARES? Foreign and Domestic Infant and Early Childhood Development Policies—Pamela Roby, Ed.; foreword by Shirley Chisholm—Basic Bks, 1973, 456 p., tables, \$16. Covers diverse aspects of child-care programming and policy—the need for service, examination of services available, discussion of current problems, and a thorough analysis of child-care systems abroad.

DREAM TELEPATHY—Montague Ullman and Stanley Krippner with Alan Vaughan; foreword by Gardner Murphy—Macmillan, 1973, 300 p., plates, tables, \$8.95. Team of psychiatrist and psychologist report on scientifically controlled experiments with thought transfer to the mind of a sleeping subject. Includes the tabulated results over a ten-year period.

THE ENCYCLOPEDIA OF CHEMISTRY—Clifford A. Hampel and Gessner G. Hawley, Eds.—Van Nos Reinhold, 1973, 3rd ed., 1198 p., illus., tables, \$39.50. Enlarged and revised reference work, seeks to cover every aspect of the science of chemistry as it exists today. More than 800 articles written by 600 ex-

perts emphasize balance between theoretical and practical information.

ENVIRONMENTAL DESIGN RESEARCH, Vol. 1: Selected Papers—Wolfgang F. E. Preiser, Ed.—Dowden-Hutchinson, 1973, 557 p., illus., tables, \$20. Conference papers intended to further the understanding of man-environment interaction, to devise methodologies for analysis and synthesis of man-constructed environment, as well as for the management of resources and influences governing these systems.

THE FIRST FIVE YEARS: A Relaxed Approach to Child Care—Virginia E. Pomeranz, M.D., with Dodi Schultz—Doubleday, 1973, 248 p., \$6.95. Sound pediatric advice.

FLORA OF THE PACIFIC NORTHWEST: An Illustrated Manual—C. Leo Hitchcock and Arthur Cronquist—U of Wash Pr, 1973, 750 p., drawings by Jeanne R. Janish, \$25. A regional guide for the botanist, student and serious gardener, contains taxonomic treatment of flowering plants, conifers, and ferns in Washington, northern Oregon and Idaho, western Montana, and southern British Columbia.

HILARY: The Brave World of Hilary Pole—Dorothy Clarke Wilson—McGraw, 1973, 259 p., photographs, illus., \$5.95. Remarkable tale of a young woman's unbroken spirit as she learned to communicate intelligently with the help of a toe-operated typewriter, while otherwise totally immobilized by myasthenia gravis, the disease which prevents nerve impulses from activating muscles.

LANDSAILING: From RC Models to the Big Ones—George C. Siposs—TAB Bks, 1973, 192 p., photographs, drawings, \$7.95; paper, \$4.95. Handbook for the hobbyist, starts with discussion of sail angle and construction of sails, and concludes with basic specifications for ice-sailing, and international racing rules.

METALLOCENE TECHNOLOGY—J. C. Johnson—Noyes Data Corp., 1973, 274 p., diagrams, tables, \$36. This guide to the U.S. patent literature in the field since 1954 presents an advanced, commercially oriented review of metallocene preparation, reactions and derivatives of metallocenes, and their applications.

THE METHODOLOGY OF TECHNOLOGY ASSESSMENT—Marvin J. Cetron and Bodo Bartocha—Gordon, 235 p., paper, charts, \$7.95. Presents many viewpoints and methods, from planning technology in developing countries, a systems approach to monitoring the environment, societal indicators, to research program planning for food production wastes.

SETTING NATIONAL PRIORITIES: The 1974 Budget—Edward R. Fried, Alice M. Rivlin and others—Brookings, 1973, 446 p., tables, paper, \$3.95. A sober review of national priorities, using the federal budget as a starting point. Examines controversial issues of public policy—foreign and domestic, military and civilian—as reflected in budgetary choices, emphasizing the long-range consequences of those choices.

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