

ted, but, all too often, the wavelength of maximum absorption and the color of the "dye" (in a solid, a solution, or an absorbed state) are also omitted. Of course these dyes are mainly used in photography, but little attempt is made to cover the subject in a quantitative manner; one could not, with certainty, identify the commercially important sensitizers or the methods available for identifying and characterizing cyanine dyes used in such applications.

Essentially the book is a compilation of known cyanine dye compounds that have been synthesized; for some areas, the methods of synthesis are described. The major portion of the text (some 650 of about 750 pages) is devoted to a statistical tabulation of the cyanine dyes that have been synthesized, and most of these are derived from the patent literature.

Only two chapters (50 pages) are devoted to color and chemical constitution and to photographic sensitization and other applications. Considering the amount of available information in these fields, this is very little more than a brief, abstract summation of published data. The data are well documented with references, but many important research papers receive only a single sentence in abstract form. Because many of the references are to patents, the research worker may have some difficulty in extracting general information.

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Catalog of Avifauna

Birds of the New York Area. John Bull. Harper and Row, New York, 1964. xiv + 540 pp. Illus. \$8.95.

The New York City area is one of the best known American localities with respect to its bird life. Not only is the available documentation exceedingly detailed and thorough, but the span of recorded data is much longer than that in almost any other region. The present book is the fourth work covering the avifauna of the area to be published since 1906; the only reason for a new volume is that even the latest of the previously published volumes (Cruickshank, 1942) has been rendered incomplete and out-of-date by the never ceasing flood of new

observations and data and by the changes, largely man-made, in the area with the consequent changes in local bird distribution.

John Bull's *Birds of the New York Area* is expressly intended to provide complete current information, and this it does very well. It is not intended for use as a field manual, and it contains neither keys for identifying birds nor illustrations of birds. The accounts are given by species, but where more than one subspecies occur—for example, as migrants or as winter visitors—a paragraph is devoted to a detailed summation of the status of each and, where needed, the actual records of occurrence are given. The work appears to have been done with much care, and it should serve its intended public very well indeed.

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New Books

Economics and the Social Sciences

Delinquency and Drift. David Matza. Wiley, New York, 1964. 211 pp. \$4.50.

The Dynamics of Research and Development. Edward B. Roberts. Harper and Row, New York, 1964. 374 pp. Illus. \$10.95.

The Early Growth of Logic in the Child. Classification and seriation. Bärbel Inhelder and Jean Piaget. Translated from the French by E. A. Lunzer and D. Papert. Harper and Row, New York, 1964. 328 pp. Illus. \$6.

Economic Growth in the West. Comparative experience in Europe and North America. Angus Maddison. Twentieth Century Fund, New York, 1964. 246 pp. \$4.50.

The Education and Guidance of the Ablest. John Curtis Gowan and George D. Demos. Thomas, Springfield, Ill., 1964. 525 pp. \$14.50.

Experiments in Operant Behavior. Ellen P. Reese. Appleton-Century-Crofts (Meredit), New York, 1964. 233 pp. Illus. Paper, \$3.95.

The Geography of Modern Africa. William A. Hance. Columbia Univ. Press, New York, 1964. 667 pp. Illus. \$12.

An Index of Rorschach Responses. Studies on the psychological characteristics of medical students, 1. Caroline Bedell Thomas, Donald C. Ross, and Ellen S. Freed. Johns Hopkins Press, Baltimore, Md., 1964. 787 pp. \$15.

Life in a Turkish Village. Joe E. Pierce. Holt, Rinehart, and Winston, New York, 1964. 113 pp. Illus. Paper, \$1.50.

Mexican-Americans of South Texas. William Madsen. Holt, Rinehart, and Winston, New York, 1964. 130 pp. Illus. Paper, \$1.50.

Monopoly Power and Economic Per-

formance. The problem of industrial concentration. Edwin Mansfield, Ed. Norton, New York, 1964. 188 pp. \$4.

The New Europe and Its Economic Future. Arnold B. Barach. Macmillan, New York, 1964. 154 pp. Illus. Paper, \$1.95.

On Culture and Social Change. Selected papers. William F. Ogburn. Otis Dudley Duncan, Ed. Univ. of Chicago Press, Chicago, 1964. 382 pp. Illus. \$7.50.

Physical Anthropology 1953-1961. Gabriel W. Lasker, Ed. Published for the American Assoc. of Physical Anthropologists by Instituto de Investigaciones Historicas, Universidad Nacional Autonoma de Mexico and Instituto Nacional de Antropología e Historia, 1964 (available from Instituto Nacional de Antropología e Historia, Córdoba 45, Mexico 7, D.F.). 330 pp. Illus. Paper, \$4.50.

Population: The Vital Revolution. Ronald Freedman, Ed. Doubleday, Garden City, N.Y., 1964. 280 pp. Paper, \$1.25.

Positive Disintegration. Kazimierz Dabrowski. Jason Aronson, Ed. Little, Brown, Boston, 1964. 162 pp. \$4.50.

A Preface to Psychology. Cameron Fincher. Harper and Row, New York, 1964. 127 pp. Paper, \$2.25.

Private Practice in Social Casework. A profession's changing pattern. Sidney Levenstein. Columbia Univ. Press, New York, 1964. 248 pp. \$6.75.

The Psychology of Aging. James E. Birren. Prentice-Hall, Englewood Cliffs, N.J., 1964. 315 pp. Illus. \$6.95.

Ranjana: A Village in West Bengal. Gouranga Chattopadhyay. Bookland, Calcutta, India, 1964. 280 pp. Illus. Rs. 20.

Recent Research on Creative Approaches to Environmental Stress. Proceedings, Fourth Institute (Iowa City, Iowa), April 1963. Ralph H. Ojemann, Ed. Preventive Psychiatry Research Program, Inst. of Child Behavior and Development, Iowa City, Iowa, 1964. 189 pp. Illus. Paper, \$2; cloth, \$3.

Review of Child Development Research. vol. 1. Martin L. Hoffman and Lois Wladis Hoffman, Eds. Russell Sage Foundation, New York, 1964. 557 pp. \$8.

River Basin Surveys Papers. Interagency Archeological Salvage Program (Bureau of American Ethnology, *Bulletin No. 189*). Frank H. H. Roberts, Jr., Ed. Smithsonian Institution, Washington, D.C., 1964 (order from Superintendent of Documents, Washington, D.C.). 419 pp. Illus. \$3.75.

Savage New Guinea. Jens Bjerre. Hill and Wang, New York, 1964. 165 pp. Illus. \$5.

Science and Technology for Development. Report on the United Nations Conference on the Application of Science and Technology for the Benefit of the Less Developed Areas (Geneva, Switzerland), February 1963. vol. 3, *Agriculture*. United Nations, New York, 1963. 317 pp. Paper, \$5.50; cloth, \$8.

Scientific Creativity: Its Recognition and Development. Selected papers from the Proceedings of the First, Second, and Third Univ. of Utah Conferences on *The Identification of Creative Scientific Talent*. Calvin W. Taylor and Frank Barron, Eds. Wiley, New York, 1964. 443 pp. Illus. \$7.95. Thirty-one papers.