

I tend, instead, to commend the book for what it is and to emphasize the fact that the scope of a book is the prerogative of the author. To those starting a research career in soil science this book points not only where we are and how we got here but also where we should go in the future. Its value to the established soil scientist will be in helping him to see his part of the field in relation to the other parts, and to identify and evaluate alternative directions for future work.

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New Books

Landscapes of Alaska. Their geologic evolution. Prepared by members of the United States Geological Survey. Howel Williams, Ed. University of California Press, Berkeley, 1958. 160 pp. \$5.

Physics for Engineers and Scientists. Richard G. Fowler and Donald I. Meyer. Allyn and Bacon, Boston, 1958. 559 pp. \$8.

An Introduction to Combinatorial Analysis. John Riordan. Wiley, New York; Chapman & Hall, London, 1958. 255 pp. \$8.50.

Genetic Resistance to Disease in Domestic Animals. Frederick Bruce Hutt. Cornell Univ. Press, Ithaca, N.Y., 1958. 209 pp. \$3.50.

What's Going on in Space? A chronicle of man's exploration into space beyond this earth. David C. Holmes. Funk & Wagnalls, New York, 1958. 256 pp. \$3.95.

Fundamentals in Cardiology. John B. Wild. Thomas, Springfield, Ill., 1958. 95 pp. \$4.50.

Biology of Neuroglia. William F. Windle. Thomas, Springfield, Ill., 1958. 354 pp. \$8.50.

Young People's Book of Science. Glenn Blough, Ed. McGraw-Hill, New York, 1958. 446 pp. \$4.50.

Puzzles in Thought and Logic. C. R. Wylie, Jr. Dover, New York, 1958. 128 pp. \$1.

Frontiers of Science. Lynn Poole. McGraw-Hill, New York, 1958. 173 pp. \$3.25.

The Effects of Ionizing Radiation on Natural and Synthetic High Polymers. Frank A. Bovey. Interscience, New York, 1958. 300 pp. \$8.

Topological Analysis. Gordon Thomas Whyburn. Princeton Univ. Press, Princeton, N.J., 1958. 131 pp. \$4.

Principles of Field Biology and Ecology. Allen H. Benton and William E. Werner, Jr. McGraw-Hill, New York, 1958. 348 pp. \$6.50.

Einführung in die Messtechnik der Kernstrahlung und die Anwendung der Radioisotope. Heinrich Fassbender. Thieme, Stuttgart, Germany, 1958. 223 pp. \$8.85.

The Tree of Mathematics. Glenn James. Digest Press, Pacoima, Calif., 1958. 420 pp. \$5.50.

Biographical Memoirs. vol. XXXI, National Academy of Sciences of the United

States of America. Columbia Univ. Press, New York, 1958. 406 pp. \$5.

Machine Age Maya. The industrialization of a Guatemalan community. Manning Nash. Free Press, Glencoe, Ill., 1958. 124 pp. \$5.

Extinct and Vanishing Birds of the World. Spec. Publ. No. 13. James C. Greenway, Jr. American Committee for International Wild Life Protection, New York, 1958. 528 pp.

A Physician Looks at Psychiatry. Jacques M. May. Day, New York, 1958. 189 pp. \$3.50.

Dietary Prevention and Treatment of Heart Disease. John W. Gofman, Alex V. Nichols, E. Virginia Dobbin. Putnam's, New York, 1958. 256 pp. \$3.95.

A Textbook of Psychology. Donald Olding Hebb. Saunders, Philadelphia, 1958. 286 pp.

The Computer and the Brain. John von Neumann. Yale Univ. Press, New Haven, Conn., 1958. 96 pp. \$3.

Die Gesunden und die Erkrankten Zahngewebe des Menschen und der Wirbeltiere im Polarisationsmikroskop. Theorie, methodik, ergebnisse der optischen strukturanalyse der zahnhartsubstanzen samt ihrer umgebung. W. J. Schmidt and A. Keil. Hanser, Munich, Germany, 1958. 386 pp. DM. 48.

The Atom and the Energy Revolution. Norman Lansdell. Penguin Books, Baltimore, Md., 1958. 200 pp. Paper, \$0.85.

Fossil Amphibians and Reptiles. W. E. Swinton. British Museum (Natural History), London, 1958. 127 pp. 5s.

Electrocardiographic Analysis. vol. 1. Biophysical principles of electrocardiography. Robert H. Bayley. Hoeber, New York, 1958. 253 pp. \$8.

Mechanisms of Inorganic Reactions. A study of metal complexes in solution. Fred Basolo and Ralph G. Pearson. Wiley, New York; Chapman & Hall, London, 1958. 437 pp. \$11.75.

Principles of Noise. J. J. Freeman. Wiley, New York; Chapman & Hall, London, 1958. 309 pp. \$9.25.

Recent Advances in the Engineering Sciences. Their impact on engineering education. Proceedings of Conference on Science and Technology for Deans of Engineering, 9-12 September, 1957, Purdue University, Lafayette, Ind. McGraw-Hill, New York, 1958. 265 pp. \$4.75.

An Introduction to Medical Mycology. George M. Lewis, Mary E. Hopper, J. Walter Wilson, Orda A. Plunkett. Year Book, Chicago, ed. 4, 1958. 471 pp. \$15.

Aids to Organic Chemistry for Medical Students. George A. Maw. Bailliere, Tindall and Cox, London, ed. 5, 1958. 183 pp. \$2.50.

The Law of Water Allocation in the Eastern United States. Papers and proceedings of a symposium held in Washington, D.C., October, 1956, sponsored by the Conservation Foundation. David Haber and Stephen W. Bergen, Eds. Ronald, New York, 1958. 681 pp. \$7.50.

Foundations of Modern Physical Science. Gerald Holton and Duane H. D. Roller. Duane Roller, Ed. Addison-Wesley, Reading, Mass., 1958. 798 pp. \$8.50.

Analytic Geometry Problems. C. O. Oakley, Barnes & Noble, New York, 1958. 281 pp. \$1.95.

Miscellaneous Publications

(Inquiries concerning these publications should be addressed, not to Science, but to the publisher or agency sponsoring the publication.)

Recherches Ecologiques sur la Faune des Grands Lacs de l'Est du Congo Belge. vol. III, Fasc. 1, *Exploration Hydrobiologique des Lacs Kivu, Edouard et Albert (1952-1954).* Resultats scientifiques. Jean Verbeke. Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium, 1957. 177 pp.

Problemes Haitiens. Essais sur la culture populaire, l'urbanisme et l'agriculture. Achille Aristide. Imprimerie de l'Etat, Port-au-Prince, Haiti, 1958. 123 pp.

Department of Scientific and Industrial Research, Report for the Research Council for the Year 1956-57. Her Majesty's Stationery Office, London, 1958. 69 pp. 4s.

Economic Growth in the United States, Its Past and Future. A statement on national policy by the Research and Policy Committee for Economic Development. February 1958. Committee for Economic Development, New York, 1958. 63 pp. \$0.50.

Cost Control through Electronic Data Processing. Phil Carroll. Society for Advancement of Management, New York 11, 1958. 32 pp. \$1.50.

Saxifraga of the Himalaya. Section Kabschia. Bulletin, Botany, vol. 2, No. 4. Harry Smith. 46 pp. 15s. *The Identity of Stenopsycha Griseipennis McLachlan.* (Trichoptera, Family Stenopsychidae) Bulletin, Entomology, vol. 6, No. 10. D. E. Kimmins. 10 pp. 3s. 6d. British Museum (Natural History), London, 1958.

Improving Science Programs in Illinois Schools. Analysis and recommendations of a Joint Committee on Improvement of Science Teaching. William O. Stanley and others, Eds. Univ. of Illinois, Urbana, 1958. 87 pp. \$0.25.

Causation of Cancer. British Medical Bull., vol. 14, No. 2, May 1958. Medical Department, British Council, London, W.1, England. \$4.

Anatomical Atlas. Maud Jepson. Rinehart, New York, rev. ed. 1958. 29 pp. \$0.95.

Effets Biologiques des Radiations. Aspects Biochimiques. vol. X of *Protoplasmatologia, Handbuch der Protoplasmaforschung.* Maurice Errera. Springer, Vienna, 1957. 241 pp. \$13.55.

Petrological Studies in Glen Urquhart, Inverness-Shire. Bulletin, Mineralogy, vol. 1, No. 5. G. H. Francis. British Museum (Natural History), London, 1958. 42 pp. 15s.

The Structure of Some Leaves and Fructifications of the Glossopteris Flora of Tanganyika. Bulletin, Geology, vol. 3, No. 4. D. D. Pant. 51 pp. 21s. *Lidgertonia, a New Type of Fertile Glossopteris.* Bulletin, Geology, vol. 3, No. 5. H. Hamshaw Thomas. 13 pp. 5s. *The Faunal Succession in the Caradoc Series of South Shropshire.* Bulletin, Geology, vol. 3, No. 6. William Thronton Dean. 40 pp. 14s. *A New Labyrinthodont (Paracyclotodus) from the Upper Trias of New South Wales.* Bulletin, Geology, vol. 3, No. 7. David Meredith Seares Watson. 31 pp. 15s. British Museum (Natural History), London, 1958.