mainly of the circumstances under which many of these finds were brought to light and recounts various little-known anecdotes bearing on the actual discoverers. Essentially this well-illustrated little book is intended for the public, but the very amusing and carefully selected sidelights that are included will also be of great interest to paleoanthropologists.

In six well-organized chapters, G. H. R. von Koenigswald describes the original investigations at Trinil in Java, Choukoutien in China, and his own finds of the *Gigantopithecus* teeth among the collections of "dragon bones" in Chinese drugstores in Hong Kong and Canton. This is followed by a very revealing account of the discoveries in Java of no less than 11 fossil human skulls at Ngandong in the Solo Valley, the Modjokerto child, and the impressive remains of *Pithecanthropus* and *Meganthropus* from Sangiran; in Africa L. S. B. Leakey's finds of *Proconsul* on Rusinga Island in Lake Victoria, at Oldoway in Tanganyika and Olorgesailie in Kenya are discussed, as well as the australopithecine material from the Transvaal.

Next there is a résumé of the Piltdown forgery, a brief interpretation of the Upper Paleolithic paintings in the Cave of Lascaux in southern France (the only subject included in the text that does not directly bear either on the problem of early human evolution or the development of Lower Paleolithic culture), and finally a short treatise covering certain aspects of the phylogeny of the Hominoidea in which the author outlines certain of his views on human evolution.

In addition to the known facts pertaining to each discovery, the text includes a wealth of background data, very little of which has previously been published. Thus from the point of view of the paleoanthropologist, the greatest merit of this small volume lies in the fact that an outstanding expert in the field has made this material available to his colleagues. It is to be hoped that an English edition of this exceedingly well illustrated book can be published in the not-too-distant future.

HALLAM L. MOVIUS, JR.
Peabody Museum, Harvard University

Experimental Stress Analysis in the U.S.A. and Canada. Overseas Technical Reports No. 1. Department of Scientific and Industrial Research. H.M. Stationery Office, London, 1956 (order from British Information Services, 30 Rockefeller Plaza, New York 20). 22 pp. $0.36.

There are at present British scientific attachés in Washington, Paris, Stockholm, and Bonn. There has hitherto been no convenient means of publishing some of the material they assemble. A new series of official reports entitled Overseas Technical Reports has now been introduced to fill this need. The first of these was written by A. F. C. Brown, of the British National Physical Laboratory, while he was attached to the Scientific Mission in Washington, D.C., in 1954 and 1955.

The report, with a bibliography of 107 items, is based largely on the literature published in the period but is supplemented by information collected during discussions and visits at various establishments.

High Energy Nuclear Physics, Proceedings of the Sixth Annual Rochester Conference 3–7 Apr. 1956. J. Ballam, V. L. Fitch, T. Fulton, K. Huang, R. R. Rau, and S. B. Treiman, Eds. Interscience, New York, 1956. 9 sections, $3.75.

This book is a report, essentially verbatim, of the formal sessions of the conference, with the addition of a few appendixes containing material that was not presented at the meetings, because of insufficient time.

This conference was attended by almost 200 physicists, including more than 30 from foreign countries, of which three were from the U.S.S.R. It therefore represented almost all the laboratories where research in high-energy nuclear physics is in progress; and this report, then, contains most of the progress in this field during the past year.

Because of the rapid progress in high-energy physics, it is necessary that material of this sort be published with a minimum of delay in order not to be out of date. For this reason, one must excuse the paper covers, the type of printing, a photo-offset process from ordinary typewriter type, and the figures, which were all reproduced from slides shown at the meeting. Rather, the editors should be congratulated for the lack of typographic errors in the text and their very accurate reporting. The type is clear and easy to read, and almost all of the figures are very well reproduced. The informal nature of the discussions is well reproduced.

The organization of the book is that of the conference itself, in which each half-day session was on a different topic. These are as follows: classical pion physics; nucleon-nucleon scattering below 500 Mev; theoretical session; pion-nucleon and nucleon-nucleon interactions above 500 Mev; properties of heavy mesons and hyperons; production and interaction of heavy mesons and hyperons; antinucleons; theoretical interpretation of new particles; mesonic atoms, electron-nucleon and photon-nucleon scattering, and miscellaneous topics.

In each session, an introductory survey of recent work of around ten pages is given by a leading authority. After this there follows a series of shorter papers, from a few lines to several pages in length. After each paper there was opportunity for discussion, which is also recorded. The book also contains a foreword by R. E. Marshak, a fairly complete table of contents, and, at the end, a list of conference participants. For obvious reasons, it does not contain cross references or bibliography. For these reasons, and also because of the lack of introductory material, it is not recommended as a beginning textbook for a novice in high-energy physics. However, for those working in the field, this is an important part of their library and is extremely useful.

ROBERT O. HAXBY
Midwestern Universities Research Association

New Books

English Translation of the Bulletin of the Academy of Sciences of the USSR. Physical Series. vol. 19, No. 5. Columbia Technical Translations, White Plains, N.Y., 1956. 109 pp. $20.

Descriptive Geometry. College Outline Series. Steve M. Slaby. Barnes & Noble, New York, 1956. 353 pp. $2.25.

Biological Sciences. Series VI. *Progress in Nuclear Energy.* J. C. Bugher, J. Coursaget, J. F. Loutit. McGraw-Hill, New York; Pergamon, London, 1956. 205 pp. $7.

Trigonometry Refresher for Technical Men. A. Albert Klaf. Dover, New York, 1956 (unaltered republication of ed. 1). 629 pp. Paper, $1.95.

Calculus Refresher for Technical Men. A. Albert Klaf. Dover, New York, 1956 (unabridged republication of ed. 1). 431 pp. Paper, $1.95.

Physiologie de l'Insecte. Le comportement, les grandes fonctions, ecophysiologie. Rémy Chauvin. Institut National de la Recherche Agronomique, Paris, ed. 2, 1956. 917 pp. $9.50.

The Chemistry and Technology of Leather. vol. I, *Preparation for Tannage.* Fred O'Flaherty, William T. Roddy, Robert M. Lollar. Reinhold, New York; Chapman & Hall, London, 1956. 495 pp.

General Genetics. M. J. Sirks. Translated by Jan Weijer and D. Weijer-Tolmie. Nijhoff, The Hague, 1956. 628 pp. G. 35.

Jews in the World of Science. A biographical dictionary of Jews eminent in the natural and social sciences. Harry Cohen and Itzhak J. Carmin. Monde, New York, 1956. 264 pp.

Cellular Mechanisms in Differentiation and Growth. Fourteenth Symposium of the Society for the Study of Development and Growth. Dorothea Rudnick, Ed. Princeton University Press, Princeton, N.J., 1956. 236 pp. $7.50.