Scientific American.



Wyckoff. Seamans & Benedict, 327 B'way, New York.

NEW BOOKS, ETC.

RACES AND PEOPLES. Lectures on the Science of Ethnography. By D. G. Brinton, A.M., M.D., Ph.D. Philadel-phia: David McKay. 1901. 16mo. Pp. 313.

The lectures which appear in this volume were delivered at the Academy of Natural Science, Philadelphia, 1901. They have since been written out and references added to a number of works and articles which will enable the student to pursue his reading on any point on which he may be interested. The late Dr. Brinton was a man of great scholarship, and his lectures were always sure to be interesting. The present volume is calculated to give the student an excellent grasp of the subject.

DICTIONARY OF PHILOSOPHY AND PSYCHOL-

FIGNARY OF PHILOSOPHY AND PSYCHOL-ogy. Written by Many Hands and Edited by James M. Baldwin. In Three Volumes. With Illustrations and Extensive Bibliographies. Vol. I. London and New York: Macmil-lan Company. 1901. Pp. 644. lan Company. Price \$5.

The work which lies before us surely fills a long-felt want. An examination of the book convinces us that for scholarly treatment and trustworthiness of definition of the various philosophical and psychological terms it could hardly be improved upon. Not the least novel feature of the book is the translation of each English term into French, German and Italian Both publishers and editors are to be con gratulated on the publication of this first vol ume of a work which promises to be of the utmost value to the student of philosophy.

DAS BUCH DER EXPERIMENTE. VON A. V Schweiger Lerchenteld. Vienna: A Hartleben. 1901. 12mo. Pp. 392 Price \$1.50.

We sent for a copy of this work, hoping that it would contain some new and interesting experiments, but in this we were disappointed. We find that the bulk of the book is made up from matter taken wholesale from "Experimental Science," and a large part of what re mains is from the writings of Tissandier and Arthur Good. The book appears to have been "lifted" from foreign sources, with the possible exception of a few of the last chapters. We think it would not be too great a task for the foreign publishers to ask permission hefore taking thirty-five illustrations and republishing them, but having done so at least proper credit could have been given. The work itself does not call for any special comment. It is super-ficial and, if the foreign material were removed, it would be worthless.

ZooLogy: AN ELEMENTARY TEXTBOOK. By A. E. Shipley, M.A., and E. W. Mac-Bride, M.A., D.Sc. New York: The Macmillan Company. 1901. 8vo. Pp. 632. Price \$3.

The authors have written an elementary treatise on zoology which can readily be un-derstood by students. The diagrams are par-ticularly clear, and the book will certainly prove very valuable as a textbook and for those who desire a fairly scientific but not very extensive work on the subject. One sentence in the preface is particularly gratifying; it is: "It has been drawn up with an eye to no examination, and does not claim to correspond with any of the numerous syllahuses and schedules issued from time to time by the various boards of examiners scattered through the United Kingdom and North America." By North America the authors may mean Canada we certainly do not have this bad system in the United States.

STEEL SHIPS. Their Construction and Maintenance. By Thomas Walton, Naval Architect. London: Charles Griffin & Co., Ltd. Philadelphia: J.B. Lippincott Company. 1901. 8vo. Pp 290. Price \$5.50.

This work is largely the outcome of the gratifying reception accorded a smaller work ("Know Your Own Ship") by the same author. The work opens with a condensed de scription of the manufacture of steel and iron and is followed by a chapter which treats of the strength and quality of ship steel and iron and describes the tests which are ap-plied to ship steel. Then follow chapters explaining what is meant by a vessel being "classed," and by another which forms an introduction to the subject of ship construct tion, and explains its principal structural features, and the alternative methods em-ployed. Then follows a chapter dealing with the various forces which are exerted on the hulls of ships tending to strain them and produce deformation. Chapter VI. describes first the fundamental types of vessels, and then proceeds to describe the construction of "Great Eastern," and the "turret," "trunk" and "self-trimming" steamers. Chapter VII deals in detail with the construction and combination of the various parts that go to make up the whole ship structure: and the chapter deals with the causes of decay last and deterioration and the best means of combating them. The work is profusely illustrated with working drawings, showing the various types of ships both in general ar-rangement and in detail. It also contains a large number of good half-tone engravings of the types of vessels treated of. It is a practical work, clear, concise and compendious.



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