

# SCIENCE

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FRIDAY, MAY 22, 1903.

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MSS. intended for publication and books, etc., intended for review should be sent to the responsible editor, Professor J. McKeen Cattell, Garrison-on-Hudson, N. Y.

## THE DUTIES AND RESPONSIBILITIES OF TRUSTEES OF PUBLIC MEDICAL INSTITUTIONS.\*

THE value of occasional and stated gatherings of the principal leaders of medical thought in the various special departments is acknowledged by all. Certainly those who have attended this congress, now held for the sixth time, have felt its broadening influence. We are all apt to become narrow when we are devoted heart and soul to one specialty, be it medicine, surgery, physiology, ophthalmology or any other. When we meet nearly all the more prominent men in cognate interrelated branches of medicine in Washington every third year, we are sure to find that there are as interesting and as important questions in other specialties as there are in our own; and, moreover, we are sure to find that there are men of as acute intelligence, wide reading and original thought in other than

\* The presidential address at the sixth congress of American Physicians and Surgeons, Washington, May 12, 1903.

approval of Professor Hann, who has been consulted in regard to all of these matters. Every reference, the original of which is accessible in the Harvard College library or in the library of the Harvard College Observatory, has been looked up, verified and made as complete as possible. No apology is needed for the use of the Centigrade and metric system in such a book as this. For convenience, conversion tables, reprinted from the Smithsonian Meteorological Tables, are given in the appendix."

Professor Ward has also taken great pains to have the book rendered into good English, and in this matter he has had the skilled hand of Professor Henry S. Mackintosh to assist him.

He has also taken great pains to add new references; and the book is remarkably rich as a bibliography to modern literature on climatology.

The book is divided into two parts. Part I. deals with the 'Climatic Factors,' namely, temperature, moisture, cloudiness, precipitation, winds, pressure, evaporation, composition of the atmosphere and phenological observations. Part II. deals with solar or mathematical climate, physical climate, the influence of land and water on the distribution of temperature, the influence of continents upon humidity, cloudiness, precipitation and winds, the influence of ocean currents upon climate, the influence of forests on climate, the mean temperature of parallels of latitude and of the hemispheres, mountain climate, and finally geologic and periodic changes of climate.

No less than five chapters are devoted to mountain climate and the influences of mountains on climate.

No one familiar with Dr. Hann's writings need be told that he deals with the subject from a cosmopolitan standpoint which is rare even among the leaders in science, and he shows a surprising familiarity with the literature of every language. The translation seems all that one could wish.

H. H. CLAYTON.

#### SCIENTIFIC JOURNALS AND ARTICLES.

THE *Journal of Comparative Neurology* for April contains the following articles: 'The Fore-Brain of *Macacus*,' by Wm. Wolfe Lesem, a study of the superficial anatomy of the brain of the macaque monkey, with two plates. 'Brain Weights of Animals, with Special Reference to the Weight of the Brain in the Macaque Monkey,' by Edward Anthony Spitzka, including a tabulation of the brain and body weights of 204 specimens of mammalian brains. 'A Description of Charts showing the Areas of the Cross-sections of the Human Spinal Cord at the Level of each Spinal Nerve,' by Henry H. Donaldson and David J. Davis, an entirely new computation, including a comparison of the young and mature spinal cord and six different sets of curves. 'The Brain of the *Archæoseti*,' by G. Elliot Smith, a description of two casts of the brain cavity of this extinct cetacean, with four figures. There are twenty pages of book reviews, including a full summary of the researches of Professor Elliot Smith on the 'Phylogeny of the Pallium.'

#### SOCIETIES AND ACADEMIES.

##### ANTHROPOLOGICAL SOCIETY OF WASHINGTON.

THE work of the society for the winter has maintained the high level of former years, as shown by the importance of the papers presented and the enthusiasm displayed. At the meeting of November 4, 1902, Professor Lester F. Ward discussed 'Race Differentiation and Race Integration,' treating the subject from the social side, and in this connection Professor Holmes showed diagrammatically the beginnings of races and their final amalgamation.

Professor W. H. Holmes followed with a paper entitled 'The Search for Glacial Man,' reviewing the various discoveries and describing the recent find of human remains at Lansing, Kansas. The meeting of November 4 was devoted to sociology, and papers were read by Mr. Charles F. Weller, on 'How Citizenship is Molded in Washington Alleys and Shacks,' and by Dr. George M. Kober, on 'The Abuse of Medical Charities.' These