

SCIENCE

EDITORIAL COMMITTEE : S. NEWCOMB, Mathematics ; R. S. WOODWARD, Mechanics ; E. C. PICKERING, Astronomy ; T. C. MENDENHALL, Physics ; R. H. THURSTON, Engineering ; IRA REMSEN, Chemistry ; J. LE CONTE, Geology ; W. M. DAVIS, Physiography ; O. C. MARSH, Paleontology ; W. K. BROOKS, C. HART MERRIAM, Zoology ; S. H. SCUDDER, Entomology ; N. L. BRITTON, Botany ; HENRY F. OSBORN, General Biology ; H. P. BOWDITCH, Physiology ; J. S. BILLINGS, Hygiene ; J. McKEEN CATTELL, Psychology ; DANIEL G. BRINTON, J. W. POWELL, Anthropology.

FRIDAY, SEPTEMBER 3, 1897.

CONTENTS:

<i>The Toronto Meeting of the British Association.....</i>	333
<i>The American Association for the Advancement of Science :—</i>	
<i>Long Range Temperature and Pressure Variables in Physics : CARL BARUS.....</i>	338
<i>The American Mathematical Society : F. N. COLE.....</i>	356
<i>Current Notes on Physiography :—</i>	
<i>Artesian Wells of Iowa : Forests and Deserts of Arizona ; Transverse Valleys on the Jura ; Sub-oceanic Changes : W. M. DAVIS.....</i>	357
<i>Current Notes on Anthropology :—</i>	
<i>Stone Implements from the Potomac District ; Ethnography of the Calchaquis : D. G. BRINTON</i>	359
<i>Notes on Inorganic Chemistry : J. L. H.....</i>	360
<i>Scientific Notes and News :—</i>	
<i>The International Medical Congress ; The Seal Fisheries ; The Missouri Geological Survey ; General.....</i>	361
<i>University and Educational News.....</i>	368
<i>Discussion and Correspondence :—</i>	
<i>The Present Evolution of Man : G. ARCHDALL REID. Amphibia or Batrachia : G. BAUR. The Source of Mentencephalon and other Latin Names for the Segments of the Brain : BURT G. WILDER. Andrée's North Pole Balloon Voyage : H. A. HAZEN.....</i>	368
<i>Scientific Literature :—</i>	
<i>Storer's Agriculture in Some of its Relations with Chemistry : EDWARD B. VOORHEES. Santayana on the Sense of Beauty : C. L. F.....</i>	374

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

THE TORONTO MEETING OF THE BRITISH ASSOCIATION.

THE British Association decided to meet in Montreal in 1884, with some hesitation,

but after the great success of that meeting an invitation presented at Oxford in 1894, urging the Association to meet at Toronto in 1897, was accepted by the general committee with unanimity. Elaborate arrangements were made by the Dominion, by the City of Toronto and by the University, for the reception of the Association, and steamship, railway and cable companies united to offer unusual facilities to visitors. The chairman of the local committee, Professor Macallum, was especially self sacrificing in devoting himself for more than a year to the work of arrangement. A visit of the leaders of British science to Canada is an event of no common importance for the Dominion, and the enthusiasm was this year intensified by a United States tariff law and a British Jubilee.

The members and associates in attendance at Toronto numbered somewhat over 1,300, about 400 fewer than at the Montreal meeting. SCIENCE has already published an article by Professor Macallum giving a list of the more distinguished British and Continental men of science who expected to attend, and with a few exceptions, such as Lord Rayleigh, they were present. Men of science from the United States were well represented. The attendance from Great Britain, the Continent, Canada and the United States can best be indicated by giving the officers and committees of the various sections, which were as follows :