

THE SEVENTH INTERNATIONAL ZOOLOGICAL CONGRESS

THE congress held its scientific session last week in Boston in accordance with the program that has already been published in this journal. The meetings were held in the magnificent new buildings of the Harvard Medical School and everything possible was done for the entertainment of the delegates and members. Mr. Alexander Agassiz presided, and general addresses before the congress were given by Professor R. Hertwig, of Munich, on "Neuere Probleme der Zellforschung"; by Sir John Murray, of the *Challenger* expedition, and by Professor W. K. Brooks, of the Johns Hopkins University, whose address was entitled "Are Heredity and Variation Facts?" The titles of most of the papers presented have already been printed in SCIENCE. The number of papers offered in each section was as follows: Animal Behavior, 41; Comparative Anatomy, 44; Comparative Physiology, 28; Cytology and Heredity, 46; Embryology and Experimental Zoology, 36; Entomology and Applied Zoology, 24; General Zoology, 15; Paleozoology, 21; Systematic Zoology, 20; Zoogeography and Thalassography, 30.

The addresses presented before the sections were as follows: *Comparative Anatomy*: Professor J. P. McMurrich, University of Toronto, "The Problem of the Vertebrate Head in the Light of Comparative Anatomy." *Comparative Physiology*: Professor J. Loeb, University of California, "The Chemical Character of the Process of Fertilization." *Cytology and Heredity*: Professor C. E. McClung, University of Kansas, "Cytology and Taxonomy." Professor W. Bateson, Cambridge University, "Facts limiting the Theory of Heredity." *Embryology and Experimental Zoology*: Professor A. A. W. Hubrecht, University of Utrecht, "Larval Envelopes and Fœtal Membranes in Vertebrate Embryos." Professor W. Roux, University of Halle, "Können wir die ursachlichen Wirkungsweisen der typischen Entwicklungsvorgänge ermitteln?" Dr. H. Driesch, University of

Heidelberg, "The Stimuli of Restitutions." *Entomology and Applied Zoology*: Dr. G. Horváth, Hungarian National Museum, "Relations entre les faunes hémiptérologiques de l'Europe et de l'Amérique du Nord." Dr. L. O. Howard, U. S. Bureau of Entomology, "The Recent Progress and Present Condition of Economic Entomology." *General Zoology*: Professor C. O. Whitman, University of Chicago, "The Problem of Organic Development." *Paleozoology*: Professor C. Depéret, University of Lyons, "Les migrations des faunes tertiaires entre l'Europe et l'Amérique." *Systematic Zoology*: Dr. Theo. Gill, Smithsonian Institution, "Systematic Zoology, its Place and Functions." *Zoogeography and Thalassography*: Dr. R. F. Scharff, Dublin Museum, "On the Evolution of Continents as illustrated by the Geographical Distribution of Existing Animals."

After visiting Harvard University on Saturday, members of the congress went to New York by way of Woods Hole on Sunday. The present week is being spent in New York City and in excursions from the city, Monday being Columbia University day; Tuesday, American Museum day; Wednesday, Cold Spring Harbor day; Thursday, New York Zoological Society day; Friday, Hudson River day; Saturday, visits to Yale University or Princeton University. The delegates and members go to Philadelphia on Monday of next week and visit the scientific and educational institutions of that city on that day and on Tuesday. On Tuesday afternoon they leave for Washington, returning to New York on Friday. On Saturday there is an excursion to Niagara Falls.

Foreign delegates and members in attendance include the following:

British Empire: Dr. Charles W. Andrews, London; Professor William Bateson, Cambridge; Professor Charles J. S. Bethune, Guelph, Ontario; S. F. Harmer, Cambridge; R. H. Johnson, Hobart, Tasmania; Rev. W. G. Marsh, Adelaide; Sir John Murray, Edinburgh; C. Tate Regan, London; Charles F. Rousselet, London; Dr. Robert F. Scharff, Dublin; Arthur E. Shipley, Cam-

bridge; Dr. J. Y. Simpson, Edinburgh; Professor J. A. Thomson, Aberdeen.

France: Professor Raphael Blanchard, Paris; Professor C. Depéret, Lyon; Baron L. Dubreton, Paris; Professor Ch. Gravier, Paris; Baron de Guerne, Paris; Dr. Gustave Loisel, Paris.

Germany: Professor Wilhelm Blasius, Brunswick; Dr. Marcellin Braun, Königsberg; Professor Valentin Haecker, Stuttgart; Professor Richard Hertwig, Munich; Dr. Richard Heymons, Berlin; Dr. Max Luehe, Königsberg i. Pr.; Professor Otto Maas, Munich; Professor Ludwig Rhumbler, Münden; Professor Hugo H. Schauinsland, Bremen.

Belgium: Professor Paul Pelseneer, Ghent.

Holland: Dr. Johannes Buettikofer, Rotterdam; Professor A. A. W. Hubrecht, Utrecht; Professor J. W. van Wijhe, Groningen; Dr. J. Versluys, Jr., Amsterdam.

Austria: Professor Ludwig von Graff, Graz; Dr. J. F. Gudenatch, Czernowitz; Dr. F. de Marassovich, Scardona, Dalmatia; Professor Alois Mrázek, Prague; Dr. Hans Przibram, Vienna.

Hungary: Professor Istvan von Apáthy, Kolossvár; Dr. Géza v. Horváth, Budapest.

Switzerland: Dr. Herbert H. Field, Zurich; Professor Otto Fuhrmann, Neuchâtel; Dr. C. Linder, St. Imier; M. B. P. Merian, Basel; M. P. Revilliod, Geneva; Professor Theophil Studer, Berne; Professor Emile Yung, Geneva.

Russia: Dr. W. Dantchakoff, St. Petersburg; K. Derjugin, St. Petersburg; Professor Evgenij P. Golovin, Kazan; Professor G. A. Koshewnikov, Moscow; Dr. A. Maximow, St. Petersburg; Dr. N. Samssonow, St. Petersburg.

Italy: Count Filippo Cavazza, Bologna; Professor Alessandro Ghigi, Bologna; Count J. A. Salinas, Bologna; Dr. J. Wilhelmi, Naples.

Norway: Miss K. Bonnevie, Christiana.

South America: Professor Emilio A. Goeldi, Para, Brazil.

Asia: Dr. J. C. Ferguson, Shanghai; Dr. S. Watasé, Tokyo.

SCIENTIFIC NOTES AND NEWS

SIR ARCHIBALD GEIKIE has been made Knight of the Most Honorable Order of the Bath (Civil Division).

At the Toronto meeting of the American Chemical Society, the council decided that the offices of editor and secretary should be separated. Professor W. A. Noyes, of the University of Illinois, retains the editorship of the *Journal of the American Chemical Society* and of *Chemical Abstracts*, and Dr. Charles L. Parsons, head of the Chemical Department of the New Hampshire College and secretary of the Section of Chemistry of the American Association for the Advancement of Science, has been elected to the secretaryship.

PROFESSOR J. J. STEVENSON, of New York University, and Professor W. M. Davis, of Harvard University, are among the Americans who will attend the celebration of the centennial of the foundation of the Geological Society, London, which will take place at the end of next month.

THE resignation of Mansfield Merriman as professor of civil engineering in Lehigh University takes effect on August 31. After this date he will devote most of his time to professional practise as a consulting engineer, his office and address being at 45 Broadway, New York.

DR. T. W. RICHARDS, professor of chemistry at Harvard University, having completed his work in Berlin in connection with the plan for an exchange of professors between the two universities, sailed for America from England on August 19.

DR. GEORGE M. KOBER, dean of the Medical Department of Georgetown University, sailed from Baltimore for Bremen on August 14.

DR. WALTER WYMAN, surgeon general of the Public Health and Marine Hospital Service, is chairman of the International Sanitary Bureau, which meets in the City of Mexico during the first week of September next.

At the recent congress of School Hygiene in London, the committee appointed to arrange for the next congress, to be held in Paris in 1910, consists of the following members: *Great*