

Ira Remsen, Clifford Richardson, S. P. Sadtler ; Section V.—*Sugar Industry*, Edward Gudeman, W. D. Horne, G. L. Spencer, M. Swenson, Edward B. Vorhees ; Section VI.—*Fermentations*, C. A. Crampton, W. B. Rising, Alfred Springer ; Section VII.—*Agricultural Chemistry, Fertilizers, Cattle Feeding, Dairy*, G. C. Caldwell, L. L. Van Slyke, H. W. Wiley ; Section VIII.—*Hygiene, Medical and Pharmaceutical Chemistry*, W. O. Atwater, R. H. Chittenden, J. U. Lloyd, Wm. P. Mason, Wm. J. Schieffelin ; Section IX.—*Photography*, C. F. Chandler, J. H. Stebbins, Jr., E. R. Hewitt ; Section X.—*Electro-Chemistry*, Elihu Thomson, Edgar F. Smith, Charles A. Doremus, Chairman of the American committee.

THE Twelfth Congress of Orientalists convened at Rome on October 4th, with about 400 delegates in attendance.

At a meeting of the Trustees of New York Public Library on October 11th, the Director, Dr. John S. Billings submitted his annual report. The number of books received for the 'shelf department' and catalogued in the year was 34,182, of which 16,994 were purchases and 17,188 gifts. The Ford gift is estimated at about 100,000 volumes and pamphlets. The total volumes actually received was 55,593, and the pamphlets 101,698. On the shelves and available for use at the end of the year were 459,248 volumes and about 117,000 pamphlets. The number of readers who visited the two buildings was 111,038. This is an increase of 7,000 over the previous year.

ACCORDING to *Natural Science* an interesting experiment is being made by the government of Bosnia and Herzegovina in connection with the subject of the migration of birds. A number of observatories are being established all over these two countries, on the coasts, plains, mountains, rivers and lakes—in fact, in every spot which seems likely to yield results of interest to those engaged in researches on bird migration. Under the auspices of the government of the two countries named, a meeting of ornithologists was convened at Sarajevo from the 25th to the 29th of September, with a view to similar observations conducted on uniform methods being instituted elsewhere. A report was presented on

the bird life of the Balkan States, illustrated by a fine collection from those districts.

BOTANISTS should feel under obligations to us for calling their attention to the description of a new species, as it appeared in a daily paper where it might be overlooked. We regret that the n. sp. is not figured. The description is in the following paragraph from the London *Daily Chronicle*:

The Pope takes great interest in an electric plant, to which he has given the name 'Officina Electrica Vaticana Alessandro Volta,' in honor of Volta. A few days ago his Holiness made a special inspection of these plants, and the employees of the Vatican gardens were presented to him by the chief.

#### UNIVERSITY AND EDUCATIONAL NEWS.

IN fulfillment of the terms of the will of the late Edward Austin, the president and fellows of Harvard College, have voted that, until they shall give further orders, \$2,000 shall be assigned yearly from the income of his bequest of \$500,000 to establish eight scholarships, each with an annual value of \$250, to be awarded for one year to superintendents of schools and to teachers in secondary schools and colleges, who have been recently in service and intend to return to service. Several of these scholarships have been awarded including one to R. E. Gaines, professor in Richmond College, and C. V. Piper, professor of biology in the University of Washington.

D. F. CONVERSE, a mill owner of Spartanburg, S. C., who died a week ago, left one-third of his estate, valued at \$500,000, to Converse College, an institute for the higher education for women founded by him in Spartanburg ten years ago.

THE expenses of the University of Chicago for printing and publishing during the academic year ending June 30, 1899, were over \$44,000, whereas the receipts were only \$17,000. It is probable that no other university supports its publications with such liberality.

PROFESSOR GEORGE HARRIS was formally inaugurated as President of Amherst College on October 11th. In the course of his inaugural address President Harris clearly stated that a scientific education has a culture value equal to

classical studies. He said that the high schools could not be expected to teach Greek, and that the colleges must accept the preparation given in the high school. "Granting that culture is the primary object of education, it does not follow that there is only one kind of discipline, as the classical—that the ancient languages and mathematics are the only regimen for making the man of letters. The equation of culture may have for its second term almost any actual knowledge." When study of the classical language "degenerates into mere language drill, and when thousands, in fact, never get beyond that, or cannot read a passage at sight, the value of such study is not obvious. Allow, however, the full worth of the classical discipline. Yet even so there are other studies now of equal or greater value."

THE inauguration of President Faunce, of Brown University, took place on October 17th. Addresses were delivered by Presidents Patton, Harper, Elliott and Faunce.

THE Council of the University of Melbourne will shortly appoint a professor to the chair of geology and mineralogy. *Natural Science* states that the professor is expected to devote the whole of his time to the work of his department, and will be required to deliver two courses of lectures of three hours a week each, and to undertake the training of students both in field and laboratory work. The salary of the professor is £1,000 per annum, but in the event of the Council providing him with a residence in the University grounds, the sum of £100 per annum will be deducted from his salary as aforesaid. The University has a fair collection in paleontology and mineralogy, but has no specially fitted up laboratory for geological work. A suitable room in the University buildings will be provided in which to organize this part of the work. Lectures begin in 1900, on Thursday, March 1st. The salary of the office will commence from the 14th February, 1900, or from the date of the Professor's arrival in Melbourne, if later than the 14th February. If the professor appointed come from Britain or America, £100 will be allowed for travelling expenses.

PROFESSOR J. B. JOHNSON was inaugurated

as Dean of the College of Mechanics and Engineering of the University of Wisconsin on October 18th.

MR. CLARK WISSLER, of Ohio State University, has been appointed assistant in psychology in Columbia University.

DR. MERTON L. MILLER has been appointed to an associateship in anthropology in the University of Chicago.

DANIEL P. MACMILLAN, PH.D., '99, has received an appointment in the Child-study Department which was recently created in the public schools of Chicago.

THE following have been appointed instructors in zoology in the University of Michigan: Dr. H. S. Jennings (last year instructor at Dartmouth), Dr. S. J. Holmes and Dr. K. W. Genthe (Leipzig).

DR. J. B. JOHNSTON (last year instructor in zoology at the University of Michigan) has become assistant professor of biology at the University of West Virginia, Morgantown.

H. W. F. LORENZ, A.B. (Wittenberg), and Ph.D. (Berlin), has just assumed the position of instructor in organic chemistry in the University of Pennsylvania. Dr. Lorenz is the translator of Löb's *Organic Electrosyntheses*.

W. L. HARDIN, S.B. (Buchtel College), Ph.D. (University of Pennsylvania), who held the position of fellow and later senior fellow in chemistry in the University of Pennsylvania, has recently been appointed to an instructorship in the same institution. He is the author of 'Liquefaction of Gases' recently published by Macmillan & Company.

JOS. H. JAMES, Ph.D. (University of Pennsylvania), has just been appointed acting professor of chemistry in Buchtel College, Akron, O.

GEO. E. THOMAS, S.B., Ph.D. (University of Pennsylvania), has been elected instructor in chemistry in Swarthmore College, Pa.

MISS LILY G. KOLLOCK, A.B., (Woman's College), Ph.D. (University of Pennsylvania), has been appointed to an instructorship in chemistry in Vassar College.

HERBERT N. MCCOY, Ph.D. (Chicago), has been appointed instructor in chemistry in the University of Utah.