

WE learn from *Nature* that the council of the Royal Society of Edinburgh has awarded the Keith prize for the biennial period 1903-5 to Dr. Thomas H. Bryce for his two papers on "The Histology of the Blood of the Larva of *Lepidosiren paradoxa*," published in the *Transactions* of the society; and the Makdougall-Brisbane prize for the biennial period 1904-6 to Dr. Jacob E. Halm for his two papers on "Spectroscopic Observations of the Rotation of the Sun" and "Some Further Results obtained with the Spectroheliometer," and for other astronomical and mathematical papers published in the *Transactions* and *Proceedings* of the society.

DR. JAMES MERRILL SAFFORD, emeritus professor of geology in Vanderbilt University and for many years state geologist of Tennessee, died at Dallas on July 3, at the age of eighty-five years.

SIR WILLIAM PERKIN, F.R.S., the eminent British chemist, died in London on June 14, at the age of sixty-nine years.

SIR WILLIAM C. GAIRDNER, F.R.S., formerly professor of medicine in the University of Glasgow, died on June 28, at the age of eighty-two years.

CIVIL service examinations are announced as follows: On August 5, to fill two or three vacancies in the position of aid in arboriculture in the Bureau of Plant Industry, at salaries ranging from \$600 to \$1,000; on August 14 and 15 for the position of computer in the Supervising Architect's Office, at a salary of \$1,000 to \$1,600, and on August 14 and 15 for scientific assistant in animal pathology in the Bureau of Animal Industry, at a salary of \$840.

A TELEGRAM has been received at the Harvard College Observatory from Professor Percival Lowell, director of the Lowell Observatory, stating that "South American Lowell Expedition cables double canals seen, oases photographed."

THE trustees of the Geologists' Association have transferred to the University of London the library of the association now at Uni-

versity College on condition that it form part of the library of University College.

THE fifth meeting of the Association of Economic Biologists has been held at the Imperial Institute, South Kensington, London, under the presidency of Mr. A. E. Shipley, F.R.S.

UNIVERSITY AND EDUCATIONAL NEWS

THE late M. Commercy has left \$800,000 to the University of Paris for scholarships for scientific research.

MR. ANDREW CARNEGIE has given \$25,000 to Roanoke College, which has collected \$35,000 on which this gift was conditional.

The Experiment Station Record states that at the Massachusetts College a department of agricultural education has been established, its duties to include both instruction and research. This is an entirely new departure at the college and is believed to be the first attempt in this country to organize this kind of work on so broad a foundation. Normal courses will be offered to prospective teachers, and studies will be made of problems confronting agricultural teaching in colleges and schools of various grades, and of agricultural extension with a view to introducing agriculture into the elementary schools, establishing agricultural high schools, and correlating and unifying the agricultural instruction given in the state. The work will be in close cooperation with existing educational agencies, especially the state industrial commission. W. R. Hart, of the Nebraska State Normal School, who has had long experience in teaching and is the author of a number of monographs and other articles on educational topics, has been selected as the head of the department and will begin his duties with the next college year.

DR. ALEX. HILL and Sir Thomas Raleigh, commissioners of the treasury, have made to the Liverpool Corporation a report dealing in detail with the several departments of the university in view of the renewal of the grant of £10,000 to the university by the corporation. The commissioners praise the work that is being done at the university, and the finance

committee of the corporation has recommended that the grant be renewed for 1907.

A STATUTE will be brought forward in October for establishing at Oxford a professorship of engineering science, for which a sum of not less than £800 per annum, inclusive of a fellowship, has been guaranteed for five years. It is proposed that the professor shall lecture and give laboratory, but not workshop, instruction; and he will have charge of any engineering laboratory that may be assigned him by the university.

DR. WINFIELD SCOTT CHAPLIN has resigned the chancellorship of Washington University.

PROFESSOR HARRY A. GARFIELD, who occupies the chair of politics at Princeton University, has been elected president of Williams College to succeed President Henry Hopkins, who will retire at the close of the next academic year, when he will have passed the age of seventy years. Professor Garfield graduated from Williams College in 1885; he is the son of President James A. Garfield, of the class of 1856. President Hopkins graduated from Williams College in 1858, his father, the Rev. Mark Hopkins, having been president of the institution for thirty-six years.

DR. C. H. GORDON, assistant geologist of the Geological Survey, will occupy the newly-established chair of geology and mineralogy in the University of Tennessee.

DR. M. A. CHRYSLER, instructor in botany at Harvard University, has accepted a position as associate professor of botany at the University of Maine.

At a recent meeting of the board of trustees of the University of Illinois, the following promotions and additions were made in the department of psychology: Dr. Stephen S. Colvin, associate professor, to be professor; Dr. John W. Baird, instructor, to be assistant professor; Dr. Fred Kuhlmann, assistant in psychology at Carle University, to be instructor. The department has grown rapidly in numbers in the last few years. It will be given new and ample quarters in the addition to the Natural History Building which will probably be open for use in September, 1908.

E. J. WILCZYNSKI, Ph.D. (Berlin), associate professor of mathematics in the University of California, has accepted a similar position in the University of Illinois. Professor Wilczynski is the author of numerous articles and of a work on *Projective Differential Geometry of Curves and Ruled Surfaces* published by B. G. Teubner, of Leipzig, in 1906. He has been both research assistant and research associate of the Carnegie Institution, and he was one of the lecturers at the Colloquium of the American Mathematical Society held at Yale University during last summer. He was also one of the organizers of the San Francisco Section of the American Mathematical Society and was elected chairman of this section at its last annual meeting.

At the recent meeting of the Board of Regents of the West Virginia University the following additions and promotions were made in the college of agriculture: John L. Sheldon, Ph.D., bacteriologist and plant pathologist of the West Virginia experiment station, was elected to the professorship of bacteriology and plant pathology in the university. W. M. Munson, Ph.D., professor of horticulture and horticulturist, Maine Experiment Station, was elected horticulturist of the West Virginia Station; T. C. Johnson, A.M., instructor in horticulture and botany, was promoted to an assistant professorship in the same subjects in the College of Agriculture, and D. W. Working, A.B., A.M., of Denver, Colorado, and formerly on the editorial staff of the *American Grange Bulletin*, was elected superintendent of agricultural extension teaching in the College of Agriculture. Also an order was passed authorizing the establishment of a department of highway construction in the college of agriculture.

THE board of trustees of the Sioux City College of Medicine announces the following changes in its faculty: C. T. Stevens, professor of biology; W. W. Scott, professor of chemistry; Dr. Delmar S. Davis, assistant professor of chemistry; Dr. George S. Browning, professor of infectious diseases, and the Hon. W. L. Harding, professor of medical jurisprudence.