

complete skeleton of *Lestodon armatus*, which can be mounted for exhibition, a large animal approaching the megatherium in size; *Lestodon myloides* is represented by a nearly complete skeleton which can be mounted, also by two skeletons of young animals; there is also a nearly complete skeleton of *Myloodon robustus*, which can be mounted by filling out the vertebral column with vertebræ of other individuals; this species is also represented by several incomplete skeletons and skulls; *Scelidothorium* is represented by two fine skulls, with a third of a skeleton, also by two inferior skulls with the greater part of the skeleton, but hardly sufficient to mount.

Work upon the preparation of this collection has already begun, and it will be pushed forward as rapidly as possible. It will be arranged partly zoologically and partly faunistically, in connection with the Patagonian collection made by Mr. Barnum Brown three years ago, which is now almost completely worked out for exhibition. The Patagonian types are largely ancestral to those of the Pampean, and while the latter contain an admixture of the northern forms, the faunal arrangement of these successive series so strikingly characteristic of South America will be of very great interest. H. F. O.

SCIENTIFIC NOTES AND NEWS.

PROFESSOR F. W. CLARKE, of the U. S. Geological Survey, has been invited to deliver the Wilde lecture before the Manchester Literary and Philosophical Society next year on the occasion of the celebration of the hundredth anniversary of the propounding of the atomic theory at Manchester by Dalton. Professor Clarke will at the same time be given the Wilde gold medal of the society.

DR. W. L. BRYAN, president of Indiana University, has been elected president of the American Psychological Association.

THE King of Denmark has conferred an order of knighthood on Lord Lister.

A MARBLE bust of Sir William Muir, until recently principal of the University of Edinburgh, was unveiled on December 19. Sir William Turner received the bust on behalf of the university.

PROFESSOR H. V. HILPRECHT, of the University of Pennsylvania, lectured on January 16 before the Anthropological Society at Berlin on his excavations at Nippur. He expects to return to America shortly, and will then leave on a further expedition.

DR. ALFRED EMERSON, formerly professor of classical archeology at Cornell, has returned from a five years' absence in Europe and Asia Minor. He has recently been collecting antiquities for the Hearst collection at the University of California.

AT the recent meeting of the Iowa Park and Forestry Association at Des Moines, Professor Macbride, of the State University of Iowa, gave the president's address. At a joint meeting of the Park Association and the Iowa Horticultural Society, Professor Shimek read a paper on the Iowa oaks. Professor Macbride was reelected president of the association.

MR. JOHN HYDE, statistician of the Department of Agriculture, has been awarded damages to the amount of \$2,500 by the New Orleans courts against a firm of cotton brokers, which in December, 1901, caused a cable dispatch to be sent to Liverpool, England, to the effect that the United States Government cotton report was incorrect and unreliable, and intimating that the report was in the interest of speculators.

THE *Alumni Register* of the University of Pennsylvania announces that Dr. Simon Flexner, professor of pathology, has received a grant from the Carnegie Institution, and that his assistant, Dr. Noguchi, has been appointed the first research assistant. It is reported in the daily papers that the Lick Observatory has received from the institution a grant of \$4,000.

THE Manchester Literary and Philosophical Society has awarded its Dalton medal to Professor Osborne Reynolds, F.R.S.

PROFESSOR SCHWENDENER, of Berlin, has been elected president of the German Botanical Society and Professor von Wettstein, of Vienna, vice-president.

THE Academy of Sciences of Göttingen has elected as corresponding members Professors Bezold (physics) and von Richthofen (geog-

raphy), of Berlin; Pfeffer (botany), of Leipzig, and Tschermak (mineralogy), of Vienna.

DR. WILHELM FÖRSTER, professor of astronomy at the University of Berlin, and director of the observatory, celebrated his seventieth birthday on December 16.

THE council of the Geological Society of London has made the following awards for the present year: The Wollaston medal to Professor Rosenbusch, of Heidelberg, the eminent petrologist; the Murchison medal to Dr. Charles Callaway, who has done much good work on the older rocks of Britain; the Lyell medal to Mr. F. W. Rudler, who recently retired from the post of librarian and curator of the Museum of Practical Geology, in which he gave untiring assistance to the many who sought his advice; the Prestwich medal, of which the award is made this year for the first time, to the fellow-worker and friend of Prestwich, Lord Avebury; the Bigsby medal to Dr. H. M. Ami, of the Canadian Geological Survey. The balance of the Wollaston fund has been awarded to Mr. L. L. Belinfante, the assistant secretary of the society, in recognition of his valuable services. The Murchison fund is allotted to Mrs. Robert Gray, of Edinburgh, whose collection of Girvan fossils, described by H. A. Nicholson and R. Etheridge, Jr., has been of great service to many geologists. The Lyell fund is divided between Mr. S. S. Buckman, whose work on the paleontology and stratigraphy of the lower oolitic rocks is so well known, and Mr. G. E. Dibley, who has done valuable work in collecting fossils and working out their zonal distribution in the chalk of Kent.

THE board of trade has appointed Professor Wyndham Dunstan, F.R.S. (now director of the Scientific and Technical Department of the Institute), to be director of the Imperial Institute at South Kensington. Professor Dunstan will continue in charge of the scientific investigation of economic products, and will supervise any other branches of work carried on by the Board of Trade in the building at South Kensington, including the collection of products of the empire so far as they will be under the control of the board.

JOHN B. HENCK, formerly professor of civil engineering in the Massachusetts Institute of Technology, died in California on January 3 at the age of eighty-seven years.

DR. BUSHROD WASHINGTON JAMES, the Philadelphia oculist and homeopathic physician, author of books on Alaska and other scientific topics, died on January 6, aged sixty-seven years.

MR. JOHN NATHANIEL CLARK, known for his work in ornithology, died at Old Saybrook, Conn., on January 14, at the age of seventy-two years.

THE death is announced of Dr. Henry Edward Schunck, near Manchester, on January 13, at the age of eighty-two years. He retired from business at an early date, and devoted himself to the study of chemistry, publishing important papers on organic coloring matters. He was fellow of the Royal Society, and had been president of the Manchester Literary and Philosophical Society and of the Society of Chemical Industry.

WE regret also to record the deaths of Professor Leonard Landois, professor of physiology at the University of Greifswald, and of M. Goubet, the inventor of the submarine torpedo boat bearing his name.

MR. CARNEGIE has intimated to the provost of Greenock that he is prepared to present to a properly authorized authority in the town the sum of \$50,000 to defray the cost of the erection of a memorial to James Watt.

THE annual meeting of the board of regents of the Smithsonian Institution will be held at Washington on January 28.

AT the annual meeting of the managers of the New York Botanical Garden, two research scholarships were established. It was announced that forty-three investigators had availed themselves of the privileges of the garden during the past year. About 67,000 specimens have been received by the museum and herbarium and about 90,000 specimens have been added to the collection.

AT a meeting of the New York Zoological Society on January 13, it was announced that seven hundred thousand people had visited

the park last year. The aquarium, which is now controlled by the society, is visited daily by fully five thousand persons.

THE French government has established a bacteriological institute at Bangkok, Siam.

THE coast survey steamer *Bache*, which was lately fitted out for service on the coast of Porto Rico, will make surveys for charts and maps of the coast of the island.

THE young women doing research work at the University of Michigan have organized the Women's Research Club of the University of Michigan. The officers are: president, Lydia M. DeWitt, B.S., M.D., who is doing work in histology; vice-president, Maud DeWitt, B.S., zoological department; secretary, Ellen B. Bach, A.B., botanical department; and treasurer, Frances Dunbar, zoological department.

THE Friday evening meetings of the Royal Institution of Great Britain will be resumed on January 16, when Professor Dewar will give an address on 'Low temperature investigations'; on January 23, Dr. Tempest Anderson will speak on 'Recent volcanic eruptions'; on February 13, Professor Sheridan Delépine will give a lecture on 'Health dangers in food'; on February 27, Dr. Adolf Leibmann will speak on 'Perfumes, natural and artificial'; on March 6, Professor J. G. McKendrick on 'Studies in experimental phonetics'; on March 13, Professor Karl Pearson on 'Character reading from external signs'; and on March 20, Professor Schäfer on the 'Paths of volition.'

UNIVERSITY AND EDUCATIONAL NEWS.

DURING the last few weeks, Cornell College, Iowa, has added \$71,500 to its endowment funds. A friend whose name is not yet made public gave \$50,000. Mr. Fred W. Brown, of Belle Plain, Iowa, has given \$10,000. Work on the Carnegie library will be begun early in the spring, as \$40,000 of the endowment necessary for its maintenance has been secured and only \$10,000 more is necessary. There are upwards of 600 students in the institution.

THE exercises at the installation of William Lowe Bryan, Ph.D., as president of Indiana University are as follows:

JANUARY 20, 2.30 P.M., FOUNDATION DAY EXERCISES, EIGHTY-THIRD ANNIVERSARY OF THE FOUNDED OF THE STATE SEMINARY.

Address on behalf of the trustees: Honorable Benjamin F. Shively; address on behalf of the faculty: Professor Ernest H. Lindley; address on behalf of the alumni: President Joseph Swain, Swarthmore College; addresses on behalf of the State.

8 P.M., RECEPTION TO DELEGATES AND VISITORS.

Welcome to visitors: Professor Gustaf E. Karsten, *Chairman of Committee*; responses by delegates.

JANUARY 21, 9 A.M., DEDICATION OF SCIENCE HALL.

Address by Professor Edward L. Nichols, Cornell University; address by Professor John M. Coulter, University of Chicago; address on behalf of the university, by Professor Arthur L. Foley.

2:30 P.M., INSTALLATION OF THE PRESIDENT.

Address by President W. H. P. Faunce, Brown University; address by President E. Benjamin Andrews, University of Nebraska; installation of President Bryan by Chief Justice Hadley, Indiana Supreme Court; address by President Bryan.

THE Treasury has given its assent to the scheme by which Reading Corporation acquires the site and buildings of the University College for the purpose of extending the municipal offices, etc., at a cost of £50,000. The college, in exchange, obtains a much larger site on the London-road, whereon it is intended to erect a handsome pile of college buildings.

PROFESSOR LEHMANN-HOHENBERG has been dismissed from his chair at the University of Kiel for criticizing the courts. We do not know how far this action may have been warranted, but it appears somewhat remarkable that the disciplinary court should state that university professors, being officers of the government, are not permitted to criticize the government.

At Purdue University Mr. L. V. Ludy has been placed temporarily in charge of the department of analytical and applied mechanics and Mr. J. A. Thaler has been appointed instructor in analytical and applied mechanics.

MR. J. S. MACDONALD, assistant lecturer in physiology at University College, Liverpool, has been appointed professor of physiology at University College, Sheffield, in succession to Professor Myers-Ward, who goes to Charing Cross Hospital as lecturer in physiology.