

by steadfast honesty of purpose and inherent modesty, combined to make him the greatest scientist of the age, the first exponent of the theory of human evolution." [J. D. Q., Shrewsbury.]

"Charles Darwin, whose patient and acute observation compelled Nature to reveal her great secret, the origin of species.

'He never turned one inch out of his course to gain fame.' " [W. E. T., Caterham.]

"Charles Darwin, on patient experiment and observation, founded a theory of evolution, which, in explaining the successive appearance of more complex forms of life in the world's history, has furnished a basis and example for all modern scientific investigation." [J. D. A., Ealing.]

The men of letters who have, it may be assumed, written the above do not appear to appreciate very fully Darwin's work. Can any of the readers of *SCIENCE* suggest a better inscription?

SCIENTIFIC NOTES AND NEWS.

PRESIDENT SCHURMAN, of the Commission to the Philippines, is returning to America, in accordance with his original plans, and will arrive in August. Professor Worcester will for the present remain at Manila.

DR. G. AGAMENNONE has been appointed Director of the Geodynamic Observatory of Rocca di Papa, near Rome, as successor to the late Professor M. S. de Rossi.

THE various field-parties in connection with the Geological Survey of Canada comprise the following staff, viz.: Mr. R. G. McConnell, Yukon Territory, Gold Mining District; Mr. R. W. Brock, Rossland Mining District and West Kootenay; Mr. J. McEvoy, East Kootenay Mining District; Ontario Gold Fields, Mr. Wm. McInnes; Ottawa Valley Mining District, Dr. R. W. Ells; Manitoba, Mr. D. B. Dowling; Great Slave Lake, Dr. Robert Bell; Nova Scotia Coal Mining Districts, Mr. Hugh Fletcher; Gold Mining Districts of Nova Scotia, Mr. E. R. Faribault.

HENRY B. KÜMMEL, PH.D., who has been assistant professor of physiography at Lewis Institute, Chicago, since the foundation of the Institute, has recently been appointed Assistant State Geologist of New Jersey. Dr. Kümmel has been an Assistant on the Survey for sev-

eral years, and for the last four years has devoted his attention to a study of the Triassic of New Jersey, on which he has already published several papers.

At a special meeting of the court of Victoria University at Owens College, Manchester, on June 22d, the honorary degree of Doctor of Science was conferred on Dr. J. Clifford Allbutt, F. R. S., Regius professor of medicine at Cambridge University, and on Dr. H. E. Schunck, F. R. S., the author of numerous papers on the chemistry of organic coloring matter.

SIR WILLIAM TURNER THISELTON-DYER has been elected to an honorary studentship at at Christ Church College, Oxford.

THE University of Dublin has conferred the degree of Doctor of Science on Professor A. R. Forsyth, Sadlerian professor of pure mathematics in Cambridge University.

MR. JOHN R. SWANTON, of Columbia University, is visiting the Teton Indians of South Dakota, in order to carry on linguistic researches among this tribe.

PROFESSOR MARK W. HARRINGTON, of the Weather Bureau, who has recently been assigned to stations in the West Indies, has resigned.

WE regret to record the death, on July 2d, of Sir William Henry Flower. Sir William Flower was born at Stratford-on-Avon in 1831, and was educated at University College, London. He served as assistant surgeon during the Crimean War, and later was for two years assistant surgeon in the Middlesex Hospital. He then became conservator of the Museum of the Royal College of Surgeons, and in 1870 he was elected Hunterian professor of anatomy. This chair he held until 1884, when he became Director of the British Museum of Natural History. He resigned the directorship in 1898 on account of ill health. His contributions to science are numerous and important; chief among these are the 'Introduction to the Osteology of Mammalia,' the third edition of which appeared in 1885; 'Introduction to the Study of Mammals, Living and Extinct' (1891); 'The Horse, a Study of Natural History' (1892); and 'Essays on Museums' (1898). Sir William Flower was a Past President of the British Association for the Advancement of

Science (1889) and of the Anthropological Institute (1883-85), and was at the time of his death President of the Zoological Society of London. He was a Knight of the Prussian order 'Pour le mérite,' a correspondent of the Institute of France, and held honorary degrees from a number of learned institutions.

WE learn from *Nature* that news has been received of the death of Mr. John Whitehead while on a scientific mission in the Island of Hainan. Mr. Whitehead left England in the autumn of last year for the purpose of exploring the less known islands of the Philippine group and obtaining a collection of their fauna for the British Museum (Natural History).

THE death is announced of Sir Alexander Armstrong, F.R.S., the discoverer of the Northwest Passage. Sir Alexander spent five successive years in the Arctic regions in the search for Sir John Franklin. From 1869 to 1880 he was Director-General of the Medical Department of the British Museum. He was the author of 'A Personal Narrative of the Discovery of the Northwest Passage,' and 'Observations on Naval Hygiene.'

MR. HENRY WOLLASTON BLAKE, a well known engineer, died on June 28th. Mr. Blake had been Fellow of the Royal Society for fifty-five years. He was an original member of the Institution of Civil Engineers, of the Institution of Mechanical Engineers, and of the British Association.

WE also regret to record the death of Lieutenant Charles William Baillie, Superintendent of the Marine Department of the Meteorological Office of Great Britain, and of Dr. Hugo Weidel, professor of chemistry in the University of Vienna.

PROFESSOR WILLIAM LIBBEY, of Princeton University, has gone to Sidney, Nova Scotia, whence he will embark on about the 20th instant on the steam whaler *Diana*, of the Peary relief expedition, for Inglefield Gulf. Professor Libbey is accompanied by Dr. A. E. Ortmann, of Princeton University. Among other scientific work they intend to carry on deep-sea dredging.

DR. ROBERT STEIN, of the United States Geological Survey, accompanied by Dr. Leo-

pold Kann, has also arranged to embark with the expedition, leaving Sidney, Nova Scotia, about July 20th, for exploration in Ellesmere Land. They plan to spend the autumn in surveying and collecting along the coast, and to winter on the island.

DURING the present year field work of the Jesup North Pacific expedition of the American Museum of Natural History is being carried on in the State of Washington, in British Columbia and in southeastern Siberia. It is expected that Dr. Berthold Laufer will bring his researches on the Island of Saghalin and on the Amoor river to a close during the autumn of the present year. Mr. Harlan I. Smith is conducting an archæological investigation of the shell heaps of Puget Sound; and will, later on, continue his work in southern British Columbia. Mr. James Teit is carrying on ethnological researches among the Lillovet Indians.

THE Anthropological Department of the American Museum of Natural History has sent out two investigators to conduct researches among the Indian tribes of the West. Mr. Roland B. Dixon, assistant in anthropology at Harvard University, is visiting the Concow tribe of California, and Mr. Alfred L. Kroeber, fellow in anthropology at Columbia University, is visiting the Cheyenne and Arapahoe Reservation.

THE Belgian Academy of Sciences announces the subjects of its prizes for the year 1900. Five are set in the physical sciences and five in the natural sciences, for each of which a gold medal of the value of 600 frs. is offered. The papers must be received not later than the 1st of August, 1900, and must be written in French or in Dutch. Further details may be obtained from the Secretary of the Academy, Brussels.

THE Science Club medal of the University of Wisconsin for the year 1899 has been awarded to Mr. Carol Hambuechen, of Milwaukee, for a thesis entitled 'An Experimental Study of the Corrosion of Iron under Various Conditions.' It is the first award of this medal, which has been designed by Thomas Moring, of London, and is to be awarded annually to the member of the senior class who presents for his thesis the best original investigation.

THE Anatomical Society of Great Britain and Ireland met at Cambridge on July 8th.

WE learn from the *British Medical Journal* that on June 27th, in the presence of a number of eminent official, academic and scientific men, Virchow formally opened the new pathological museum which bears his name and has been built under his superintendence. It has cost about 560,000 Marks, and contains a collection of more than 20,000 specimens, collected almost wholly by Professor Virchow himself, and representing the history of pathology during the past half century. Professor Virchow delivered a speech in which he pointed out that while foreign countries, especially England, had long preceded Germany in anatomical researches the Fatherland could now rival them on that ground.

AT a sitting of the Municipal Council of Paris, M. Bertillon has been dismissed from his position as Chief of the Identification Service at the Prefecture of Police, owing to his report in 1894 on specimens of Dreyfus's hand writing, submitted to him for comparison with the bordereau by the Minister of War. M. Gobert, expert of the Bank of France, who was first appointed to examine the matter, reported that the bordereau might well have been written by another person than the one suspected. M. Bertillon's report ran as follows: "If one sets aside the hypothesis of a document very carefully forged, it clearly appears that one and the same person wrote the letter (*i. e.*, the bordereau) and the pieces communicated for comparison."

JUDGE COLT, of the United States Circuit Court, in Boston, has reversed the decision of the Board of Appraisers, which held that surgical instruments imported to this country were dutiable. He holds that the instruments are not dutiable, being 'scientific instruments' within the meaning of the law.

UNIVERSITY AND EDUCATIONAL NEWS.

THE *British Medical Journal* states that at the special meeting of the Senate of the University of London summoned for June 28th a long discussion took place upon a motion submitted

by the Chancellor (Lord Kimberley) accepting the proposals of the government to transfer the University from Burlington Gardens to the Imperial Institute. The meeting was an unusually large one, and sat for two hours, but finally adjourned without coming to a decision. It is understood that great reluctance was expressed to surrendering the present buildings, but that the majority favored the acquisition of some portion of the Institute buildings to meet the demands of increased accommodation for teaching and laboratory work, such as must speedily follow the passing into law of the statutes framed by the Royal Commission.

AT the University of Wisconsin Dr. W. H. Hobbs, assistant professor of mineralogy and petrology, has been promoted to a full professorship, and Robert W. Wood, instructor in physics, to be an assistant professor.

PROFESSOR RUSH RHEES, of Newton Theological Seminary, has been elected President of the University of Rochester. He will assume office in July, 1900, which will be the fiftieth anniversary of the founding of the institution.

OF the eight fellowships given annually by the University of Virginia, two have been awarded in the sciences as follows: *Mathematics*, T. G. Johnson; *Agriculture*, W. F. Maret. The fellowships are of the value of \$300 a year, and each fellow is expected to teach one hour daily in the University and to devote the remainder of his time to advanced study and research.

PROFESSOR E. A. SCHAEFER, F.R.S., for fifteen years Jodrell professor of physiology in University College, London, has been elected to the chair of physiology in the University of Edinburgh.

AT a meeting of the Council of University College, London, held on Saturday, June 17th, Professor Montelius was appointed Yates lecturer in archaeology for the year 1900.

DR. SCHENCK, docent in physiology in the University at Würzburg, Dr. Martin, docent in anthropology in the University of Zurich, and Dr. Blaschke, honorary docent in mathematics in the Technical Institute of Vienna, have been promoted to assistant professorships.