

From the famous quarry of Cañon City, Colorado, the same author\* describes a new Sauropod, *Haplocanthus priscus*, distinguished by simple neural spines in the posterior cervical and anterior dorsal vertebræ, thus totally unlike either *Camarasaurus*, *Brontosaurus* or *Diplodocus*. The author regards it as the most generalized member of this order yet discovered in America, but that it is a member of this order he believes is clearly shown in the structure of the pelvis and by other characters exhibited by the vertebræ, its nearest affinities being to the *Morosauridæ*.

H. F. O.

#### SCIENTIFIC NOTES AND NEWS.

THE following is a list of those to whom the Royal Society has this year awarded medals: The Copley medal to Professor Eduard Suess for his eminent geological services, and especially for the original researches and conclusions published in his great work 'Das Antlitz der Erde.' A royal medal to Sir David Gill for his researches in solar and stellar parallax, and his energetic direction of the Royal Observatory at the Cape of Good Hope. A royal medal to Mr. Horace T. Brown for his work on the chemistry of the carbohydrates and on the assimilation of carbonic acid by green plants. The Davy medal to M. Pierre and Madame Curie for their researches on radium. The Hughes medal to Professor Wilhelm Hittorf for his long continued experimental researches on the electric discharge in liquids and gases.

LORD KELVIN received the degree of D.Sc. from the University of Wales on the occasion of the Court of November 13.

THE Royal Asiatic Society has conferred its triennial medal on Sir William Muir, lately principal of the University of Edinburgh.

DR. HENRY S. PRITCHETT, president of the Massachusetts Institute of Technology, has resumed his official duties after a brief foreign visit.

\* 'A New Sauropod Dinosaur from the Jurassic of Colorado,' J. B. Hatcher, *Proc. Biol. Soc. Washington*, February 21, 1903, Vol. XVI., pp. 1-2.

PROFESSOR GEO. F. ATKINSON, of Cornell University, returned to America on November 14, after having made a study of fungi in various European collections.

DR. L. MCL. LUQUER, of the department of mineralogy of Columbia University, has obtained leave of absence and will sail for Europe early in February.

DR. R. D. MURRAY, of the U. S. Marine Hospital Service, who has been at Laredo, Texas, combating the epidemic of yellow fever, has been seriously injured as the result of a runaway accident.

MR. AMBROSE SWASEY, of Cleveland, Ohio, has been nominated for president of the American Society of Mechanical Engineers. The society will hold its annual meeting in New York, beginning on December 1, when the president, Mr. James M. Dodge, will deliver the annual address, the subject being 'The Value of an Engineering Education to a Young Man.'

MR. R. K. KAYE GRAY gave the presidential address before the British Institution of Civil Engineers on November 12.

DR. OTTO AUGUSTUS WALL has completed his thirtieth year as professor of materia medica and botany in the St. Louis College of Pharmacy. On the evening of November 14, the graduates of the institution presented the college with a life-size medallion of Professor Wall, and a duplicate medallion was presented to his family. The presentations were accompanied by appropriate exercises, followed with a banquet tendered Professor Wall by the Alumni Association.

PROFESSOR W. M. SCOTT, formerly state entomologist (and pathologist) of Georgia, Atlanta, Ga., has resigned to accept a position as pathologist in the Bureau of Plant Industry, U. S. Department of Agriculture. He has already entered upon his new duties, which relate to diseases of orchard fruits. Professor Wilmon Newell, formerly of Iowa, recently of the Texas Agricultural College, has been appointed as state entomologist of Georgia to fill the vacancy caused by Professor Scott's resignation.

DR. CHARLES J. MARTIN, F.R.S., formerly professor of physiology at the University of Melbourne, who was appointed director of the Lister Institute of Preventive Medicine some months ago, has now taken up his duties.

MR. WILLIAM ROSCOE THAYER has undertaken, at the request of Mr. Fiske's family, to edit the letters of the late John Fiske. He earnestly requests that persons having any of Mr. Fiske's letters will send them, or copies of them, to No. 8 Berkeley St., Cambridge, Mass.

A LECTURESHIP has been endowed in the University of Birmingham by an anonymous friend in memory of the life and work of the late Professor Huxley. Sir Michael Foster has been invited to give the first lecture.

A PROJECT has been started to found at Peterhouse, Cambridge, a prize for physics in memory of Professor Tait, of Edinburgh, for many years a fellow, and at his death an honorary fellow, of the college.

THE weekly assembly exercises of November 18 at the State University of Iowa were devoted to a memorial service in honor of Dr. Frank Russell, of Harvard University, whose untimely death we have recorded. Impressive addresses were delivered by Dr. Samuel Calvin, Professor A. G. Smith and Professor C. C. Nutting. A letter was also read from Professor F. W. Putnam, of the Peabody Museum. Dr. Russell was a graduate of the University of Iowa with the class of 1892 and conducted his first scientific explorations in the far north under the auspices of that institution.

DR. HENRY CARRINGTON BOLTON, well known as a chemist and bibliographer, died at Washington on November 19 in his sixty-first year.

PROFESSOR ARTHUR ALLIN, B.A. (Toronto), Ph.D. (Berlin), since 1897 head of the Department of Psychology and Education in the University of Colorado, at Boulder, died on November 17, of typhoid fever. Dr. Allin had given much time recently to the study of sociological problems viewed from the psychological standpoint.

DR. GEORGE J. ENGELMANN, of Boston, an eminent physician and gynecologist, son of the

well-known botanist, died on November 16 from pneumonia at the age of fifty-six years.

MR. J. STANLEY GRIMES, a writer and lecturer on scientific subjects, especially on the physiology of the brain, died at Evanston, Ill., on October 1, at the age of ninety-six years. Mr. Grimes had been a fellow of the American Association for the Advancement of Science since 1874.

WE regret also to record the deaths of Sir Charles Nicholson, Bart., who practised medicine in Sydney, and was the first chancellor of the University of Sydney, on November 8, in his ninety-fifth year; of Dr. Nabel, professor of geodesy in the Technological Institute of Dresden, aged eighty-three years; of Dr. Otto Nasse, formerly professor of physiological chemistry in the University of Rostock, at the age of sixty-four years, and of Dr. G. R. Dahlander, professor in the Technological Institute of Stockholm.

DR. GEORGE R. TABOR, Texas State Health Officer, proposes to extend invitations to Surgeon General Wyman and the representatives of the Health Departments of Louisiana, Mississippi and Alabama to accompany him to Mexico next January for the purpose of holding a conference with the Superior Board of Health of that country to determine upon a concerted plan of action that would prevent another epidemic of yellow fever in Mexico and the spread of the disease to Texas and the south.

THE scientific mission under the charge of Drs. Todd and Dutton, which has been despatched to Central Africa under the auspices of the Liverpool School of Tropical Medicine, has arrived at Boma. The object of the mission is to study the pathology of various tropical maladies, including sleeping sickness.

*The British Medical Journal* states that Lieutenant-Colonel Bruce, F.R.S., who returned from Uganda some weeks ago, has established by experiments conducted in conjunction with Dr. Nabarro and Captain Grieg, I.M.S., two important points. The first is that monkeys inoculated with the cerebrospinal fluid of patients suffering from sleeping sickness, or with blood from natives not yet

showing the symptoms of the disease, but containing a similar parasite, subsequently present all the symptoms of the disease; the second is that the disease is limited to districts of South Africa within which the particular tsetse fly, *Glossina palpalis*, occurs, and that where this fly does not occur sleeping sickness is absent. The evidence, therefore, to connect sleeping sickness, with the presence of trypanosomes in the cerebro-spinal fluid is now apparently very strong.

#### UNIVERSITY AND EDUCATIONAL NEWS.

MR. JOHN D. ROCKEFELLER has offered to give Vassar College \$200,000, or such part of this sum as may be equaled by gifts from other sources before June 1904. \$50,000 has so far been subscribed, and an appeal is made for further gifts.

THE building of the Medical Department of Northwestern University was injured by fire on November 20, the loss being estimated at \$10,000.

THE Association of Colleges and Preparatory Schools of the Middle States and Maryland will hold its seventeenth annual convention at Columbia University, New York, on November 27 and 28. Dr. Ira Remsen, president of the Johns Hopkins University and of the association, will give an address entitled 'Some Unsolved Educational Problems.' The subjects for discussion are 'The Elective System and Secondary Schools,' 'What Should be the Length of the College Course?' and 'Athletics in Schools and Colleges.' On Saturday an Association of Mathematicians of the Middle States and Maryland will be organized.

IT is reported that there is an outbreak of typhoid fever both at Brown University and at Williams College.

THE University of Liverpool was formally inaugurated on November 7. Addresses were made by the Lord Mayor of Liverpool, Lord Derby, Vice-chancellor Dale and Sir Oliver Lodge.

A MEMORIAL has been addressed to the General Board of Studies at Cambridge urging that increased opportunities for study in anthropology be offered at the university.

PROFESSOR JOHN A. BRASHEAR has resigned the chancellorship of the Western University of Pennsylvania.

PRESIDENT HOWARD AYRES, for the last four years president of the University of Cincinnati, has been deposed from that office by a majority vote of the board of trustees. He will retain the position until the close of the academic year.

THE following appointments have recently been made in the Massachusetts Institute of Technology: Leslie Rogers Moore, S.B., Arthur-Alphonzo Blanchard, Ph.D., Livingston W. Smith, Ph.D., instructors in inorganic chemistry; Frank Baldwin Jewett, Ph.D., William Otis Sawtelle, S.B., instructors in physics; Percy Goldthwaite Stiles, Ph.D., instructor in physiology and personal hygiene; Wilfrid Evart MacDonald, A.B., Burton H. Camp, A.B., instructors in mathematics; Eugene Stillman Foljambe, S.B., James Russell Putnam, S.B., instructors in mechanical drawing and descriptive geometry; Winfield C. Towne, A.B., instructor in gymnastics.

DR. J. N. LANGLEY, F.R.S., fellow of Trinity College, has been elected to the professorship of physiology at the University of Cambridge, vacant by the resignation of Sir Michael Foster.

THE board of Trinity College has elected Dr. Sydney Young, F.R.S., Dublin, professor of chemistry in University College, Bristol, to the chair of chemistry vacant by the resignation of Professor Emerson Reynolds.

DR. W. G. SMITH, M.A., who was appointed last year to the recently established lectureship on experimental psychology at King's College, London, has resigned to accept a similar position at the University of Liverpool. The council of King's College has elected to the post Dr. C. S. Myers, M.A., of Cambridge. Dr. Smith was some time since instructor at Smith College, and Dr. Myers has recently visited the psychological laboratories of the United States.

DR. WILHELM WÖRTINGER, of Innsbruck, has been appointed professor of mathematics in the University of Vienna, and Dr. A. Partheil, associate professor of chemistry at Bonn, has accepted a similar position of Königsberg.