

August 20 for the position of chief taxidermist in the U. S. National Museum at a salary of \$125 a month. The subjects and weights are :

Practical questions.....	25
Practical tests.....	50
Experience. ....	25

The practical tests will comprise the submission of photographs or other illustrations of large animals or groups of animals which have been prepared by the competitor. Applicants should submit as complete and perfect representations of their work as they can secure. Applicants will be required to make sworn statements that the photographs or other illustrations submitted by them are taken from work which they executed. The position to be filled is an unusually responsible one and involves on the part of the appointee a rare combination of qualifications. He should not only have mechanical ability to execute first-class taxidermic work, but should possess the qualifications of an artist and some knowledge of the life history of animals. Applicants should have considerable experience in the preparation of large mammals, animals of the size of the grizzly bear or larger.

THE University of California has established a marine laboratory at San Pedro, as part of its proposed biological survey of the waters along the California coast.

THE new pathological institute of the London Hospital was opened by Sir Henry Roscoe, F.R.S., vice-chancellor of the University of London, July 10.

MR. JOHN LEWIS CHILDS, of New York, has purchased a large collection of birds' eggs and nests made by Mr. H. C. Parker, of Ridley Park. The collection is said to be very complete, including a specimen of the great auk's egg and other rare sorts.

MR. ABRAHAM E. SMITH, consul at Victoria, writes to the Department of State that a surveying party has located the landing site of the British Pacific telegraph cable (which is to connect the Dominion of Canada with the Australian Confederation) on Kelp Bay, near Banfield Creek, 7 miles from the entrance to Barclay Sound, and something over 100 miles from

Victoria. The location is described as admirably adapted for the purpose—a good harbor, 12 fathoms of water close to the shore, so that vessels of 10,000 tons can find safe anchorage. The harbor is landlocked, and has a bottom of ooze that it is said will furnish good protection for the wire. Work has already begun in England on the cable. It is to be 5,834.5 miles in length, the longest yet constructed, and will be transported and laid in one ship, which is now being specially built for the purpose. The cable will run from Vancouver Island to Fanning Island, a distance of 3,337 miles, before a landing is effected ; thence to the Fiji Islands thence to Norfolk Island, and thence to Queensland. The first installment of cable, including the sections from Queensland to Norfolk, Fiji and Fanning Islands, is expected to leave England in January, 1902. The second and longest portion is to leave in August, 1902, come direct to Vancouver Island, and be laid from Barclay Sound to Fanning Island. According to the contract, the whole cable is to be laid and working by January 1, 1903. Unforeseen disaster excepted, those engaged in the work believe this great enterprise, which will cost \$10,000,000, will be completed at the date promised.

#### UNIVERSITY AND EDUCATIONAL NEWS.

GENERAL A. C. BARNES, of Brooklyn, has undertaken to build and equip an astronomical observatory for Cornell University.

THE will of the late Signor Villeneuve of Montreal, leaves \$25,000 to Laval University.

THE sum of about £100,000 has been subscribed toward converting University College, Liverpool, into Liverpool University.

MR. CHAMBERLAIN has asked the city of Birmingham for a contribution towards the maintenance of the new engineering buildings of the University. It appears that Nottingham contributes £7,380 a year to Nottingham College, that Sheffield gives nearly £6,000 a year to Firth College, that Leeds gives £1,500 a year to the Yorkshire College, that Manchester gives £1,100 a year, and that Liverpool gives £1,800 a year to University College, and has in addition given land worth £30,000.

As we recorded last week the National Council of Education did not adopt the report of its committee on a national university. The National Educational Association passed the following resolution, offered by President R. H. Jesse, of the State University of Missouri :

*Resolved*, That this Association hereby reaffirms its former declaration in favor of the establishment by the National Government of a national university devoted not to collegiate but to true university work.

THE Berkeley correspondent of the New York *Evening Post* reports that the summer session of the University opened with a registration of 720; but as some schools have not yet closed, whose teachers are to join the attendance later, the total attendance is certain to pass 800. To this body of students sixty-eight courses are offered by forty-two instructors. Last year there were 433 students and twenty-five instructors, the latter giving thirty-five courses. In 1899 there were 161 students.

THE chair of geology and natural history in the University of California, held by the late Professor Joseph Le Conte, will, it is understood, be divided, Professor Andrew C. Lawson being placed in charge of the geology and associate Professor William E. Ritter in charge of the department of zoology.

THE professorship of astronomy in the University of Missouri, which has been vacant since the resignation of Professor Milton Updegraff, to accept appointment in the United States Naval Observatory at Washington, has been filled by the selection of Dr. Frank H. Seares, of California, now studying in Paris. Dr. Seares is a graduate of the University of California.

PROFESSOR WILLIAM ESTY, of the University of Illinois, has been appointed assistant professor of electrical engineering in Lehigh University.

DR. E. C. LUNN, of the University of Chicago, has been appointed instructor in mathematics and astronomy in Wesleyan University.

PROFESSOR JAMES P. C. SOUTHALL, M.A. (Virginia), of Hobart College, New York, has been appointed associate professor of physics at the Alabama Polytechnic Institute, at Auburn,

filling the vacancy caused by the resignation of Professor H. H. Kyser. Professor Southall was for three years instructor in mathematics and physics at the University of Virginia. He has been professor of physics at the Miller Institute, in Virginia, for five years, fellow and associate in physics at the Johns Hopkins University, and for two years professor of physics at Hobart College, New York.

THE usual twenty fellowships have been awarded at the Johns Hopkins University, including the following in science :

Arthur Byron Coble, of Lykens, Pa., A.B., Pennsylvania College, 1897. Mathematics.

Rheinart Parker Cowles, of Los Angeles, Cal., A.B., Stanford University, 1899. Zoology.

Charles Fowler Lindsay, of Halifax, N. S., A.B., Dalhousie University, 1899. Chemistry.

Robert Edward Loving, of Wilmington, Va., A.B., Richmond College, 1896. Physics.

Benjamin LeRoy Miller, of Oskaloosa, Ia., A.B., University of Kansas, 1897. Geology.

Louis Alexander Parsons, of Burlington, Ia., A.B., Iowa State University, 1895. Physics.

Dorothy M. Reed, of Leyden, N. Y., B.L., Smith College, 1895, M.D., Johns Hopkins University, 1900. Pathology.

Daniel Naylor Shoemaker, of Fair Haven, O., S.B., Earlham College, 1894. Zoology.

William Stone Weedon, of Baltimore, S.B., Maryland Agricultural College, 1894. Chemistry.

THE following appointments to fellowships and scholarships in physics have been made in the University of Nebraska :

Fellows : W. B. Cortmel, Case School, Cleveland; F. T. Bates, University of Kansas. Scholars : L. B. Tuckerman, Adelbert College, Cleveland; I. Summers, University of Missouri; S. Williams, Iowa College, Grinnell.

DR. ISAMBARD OWEN has been elected principal of Cardiff College in succession to the late Viriamus Jones.

THE Council of University College, Liverpool, has elected Edgar Walford Marchant, D.Sc., senior demonstrator at Finsbury Technical College (London), to the lectureship in electro-technics vacated by Mr. Alfred Hay's appointment to a professorship at Cooper's Hill.