

apparatus for liquefying hydrogen. Mr. E. J. Bles's living tadpoles of the Cape clawed frog well repaid study, as their remarkable transparency showed much of their internal economy. Mr. W. Gowland's Japanese pictures of Buddhist divinities and saints by old masters were curious examples of the art of Japan, and Mr. Edward Whymper's beautiful photographs from the Rocky Mountains of Canada, where he spent the greater part of last year, were of great interest. Professor Garwood exhibited examples of telephotography in the Alps and Himalayas. Professor Ramsay showed an attempt to reproduce the Aurora Borealis by taking advantage of the krypton element in the atmosphere. Professor Flinders Petrie showed some striking slides illustrative of the early civilization of Egypt. Mr. J. Y. Buchanan exhibited a series of slides illustrating the performance of M. Santos Dumont's dirigible balloon and the accident to it in February last, and Professor E. B. Poulton illustrated by means of very successful three-color slides, some of his recent work upon protective resemblance and mimicry in insects.

THE seventh annual congress of the South-eastern Union of Scientific Societies was, says *Nature*, held at Canterbury on June 5-7. Thirty-seven societies are affiliated, a slight increase on last year; the accounts showed a small balance, and the attendance was good. An invitation to meet at Dover next year was accepted, and Sir Henry Howorth, F.R.S., was elected president for that meeting. Papers were read on 'The Marine Aquarium,' by Mr. Sibert Saunders, and on 'Mycorrhiza,' by Miss A. Lorrain Smith; Professor Poulton gave a lecture on 'Recent Researches on Mimicry in Insects,' illustrated by lantern-slides in natural colors; a discussion on the measure to be adopted for the preservation of British indigenous flora was initiated by Professor Boulger and Mr. E. A. Martin; and papers on 'Well-sections,' by Mr. Whitaker, and on 'Eolithic Flint Implements,' by Mr. E. R. Harrison, were taken as read, but will appear in *The South-Eastern Naturalist* for 1902. The event of the meeting, however, was the address by the president, Dr. Jonathan Hutchinson, F.R.S., on leprosy, with special reference

to its antiquarian aspects, with reasoned argument against the theory of contagion. The congress was held, by permission of the governors, in the Simon Langton Schools, where an excellent local museum had been got together, including marine aquaria exhibited by Mr. Saunders, Mr. Harrison's eoliths, and many fresh specimens of the British orchids, so well represented in the district. The members visited the cathedral, and were entertained at the deanery by the Dean and Mrs. Farrar, and were also received, on the Friday evening, by the Mayor and Mayoress. The congress terminated on the Saturday afternoon in a visit to the South-Eastern Agricultural College, Wye, at the invitation of the principal, Professor A. D. Hall, where the members were shown over the farms and laboratories by the staff of the college.

CONSUL-GENERAL W. R. HOLLOWAY sends the following to the Department of State, from St. Petersburg: The official report of the International Exhibition of Fishery, which was held at St. Petersburg, January 28 to March 9, 1902, has just been published. The countries participating were Russia and Finland, Austria, Belgium, Germany, Denmark, Egypt, India, Spain, Italy, Monaco, Norway, Persia, Roumania, Siam, France, Sweden and Japan, the first making much the best exhibit; but as a whole, the exhibit was not up to the standard of previous ones, the participants, Russia excepted, taking little or no pains to make a creditable display.

UNIVERSITY AND EDUCATIONAL NEWS.

It is announced that Mrs. Thomas G. Benet, of New Haven, is the donor of the new clinical building for the Yale Medical School, the cost of which with the land is \$96,000.

It is reported that Northwestern University will receive about \$200,000 by the will of the late James F. Robinson.

By the will of the late Dr. Anson Judd Upson, Hamilton College receives a bequest of \$5,000, subject to a life interest.

MR. B. F. HAWKLEY, representing the trustees of the late Cecil Rhodes, has addressed a

letter to Secretary Hay, copies of which have been forwarded to educational authorities. The letter says: The trustees are desirous of making regulations with regard to the method by which qualifications of candidates are to be ascertained, and as to examinations. They will, therefore, be obliged if you will be so good as to bring the scholarship provisions of Mr. Rhodes's will to the notice of your Government, with the request on their behalf that the views of the chief officials having control of education in the various States and Territories of the Union may be ascertained and communicated to the trustees. It would be of further great assistance to the trustees if they could be furnished, through your kindness, with the opinion of the leading educational authorities of the United States, especially the heads of Harvard, Yale, Columbia and other universities with regard generally to the election of qualifying students and the best mode of giving practical effect to the scholarship trust. It is hoped that the students can be elected in time to go into residence at Oxford in 1903.

DR. F. E. CLEMENTS, of the University of Nebraska, will open again his summer school in the Rocky Mountains during the month of August, for the special study of the ecology of mountain vegetation.

THERE will be a civil service examination on August 12 to fill the position of teacher of agriculture in the Indian service at a salary of \$900-\$1,000.

PROFESSOR RUFUS W. STIMSON has been elected president of the Connecticut Agricultural College. He has been acting president since last September.

PROFESSOR JOHN FRYER, who holds the chair of oriental languages at the University of California, has been appointed to the presidency of the new Chinese university at Wuchang.

MR. JAMES W. WILSON, son of Secretary Wilson, has been elected director of the South Dakota Agricultural College and Station, and will have charge of the work in animal husbandry.

DR. E. C. JEFFREY, now instructor in the University of Toronto, has been appointed assistant professor in vegetable histology and general morphology in Harvard University.

DR. ROBERT M. BIRD, at present at the Mississippi Agricultural College, has been made acting professor of chemistry at the University of Missouri and acting chemist of the Agricultural Experiment Station.

PROFESSOR F. C. WAUGH, of the experiment station at Burlington, Vt., has been called to the chair of horticulture of the Massachusetts Agricultural College at Amherst, Mass.

ROBERT STANLEY BREED, Ph.D. (Harvard, 1902), has been appointed professor of biology and geology at Allegheny College, Meadville, Pa. Mr. William Albert Willard, A.M., Morgan fellow in zoology at Harvard in 1900-1901, who took the place of Professor Norris during his absence in Europe in the year 1901-02, has been appointed instructor in zoology in the University of Nebraska.

WE learn from the *Botanical Gazette* that Miss Laetitia M. Snow has been awarded the fellowship given by the Baltimore Association for the advancement of the university education of women. Miss Snow will continue her botanical studies at the University of Chicago.

PROFESSOR HAVEN METCALF, who for the past year has been fellow in botany in the University of Nebraska, has been elected to the professorship of botany in Clemson College, South Carolina.

THE following changes and additions have been made in the medical faculty of the Columbian University: Dr. Walter Reed, U. S. A., has been elected to the chair of general pathology; Dr. Sterling Ruffin, to the vacancy in the chair of practice of medicine; Dr. Thomas Claytor, to the chair of materia medica and therapeutics; Dr. H. B. Deale, as professor of clinical medicine; Dr. H. N. Hawkes, as professor of clinical medicine; Dr. James Carroll, as associate professor of pathology and bacteriology.

DR. DAVID HILBERT, professor of mathematics at Göttingen, has been called to Berlin.