

England, France, Netherlands, Germany, Austria-Hungary and Switzerland; Mr. W. W. Stockberger recently made a trip through the hop-producing sections of the Pacific coast and the state of New York, where the conditions of brewing and of curing hops have been studied; Dr. J. W. T. Duvel is spending some time in Ohio and Illinois investigating the curing of seed corn. It has been found that by proper treatment seed corn of high vitality can be assured at planting time.

THE Central High School of St. Louis announces a lecture course entitled 'Outlines of Human Development,' by Doctor W J McGee, director of the St. Louis Public Museum. The special topics and dates are:

November 24.—'Development of Human Structures and Functions.'

December 1.—'Racial and Inter-racial Development.'

December 8.—'Development of Mentality and Collective Activity.'

December 15.—'Essentials of Social or Demotic Development.'

January 5.—'Development of Laws and Institutions.'

January 12.—'Development of Primitive Arts and Industries.'

January 19.—'Higher Esthetic and Industrial Development.'

January 26.—'Development of Language and Literature.'

February 2.—'Development of Philosophy.'

February 9.—'Conjoint Development of Science and the Broader Humanities.'

The course was arranged by Miss Amelia C. Fruchte and Principal W. J. S. Bryan, of the Central High School.

At the monthly general meeting of the Zoological Society of London, held on November 14, the Duke of Bedford, president, in the chair, the report of the council for the months of August, September and October was read by the secretary, Dr. P. Chalmers Mitchell, in which it was stated that during those three months 893 additions had been made to the society's menagerie, viz., 288 had been acquired by presentation, 142 by purchase, 280 had been received on deposit, 72 by exchange, and 111 had been bred in the gardens. The report further stated that the number of

visitors to the society's gardens during the months of August, September and October had been 263,440, showing an increase of 6,810 on the number for the corresponding period of the previous year. The meeting then adjourned to December 21.

UNIVERSITY AND EDUCATIONAL NEWS.

THE *Harvard Graduate Magazine* for December contains an article by Mr. J. D. Greene, the secretary of the university, on the endowment fund for increase of salaries, from which it appears that the fund amounts to nearly \$2,300,000. The scale of salaries is to be as follows:

Instructors:

Upon appointment	\$1,200
Yearly increase	100
Maximum	1,500

Assistant Professors:

In the first five-year term.....	2,500
In the second five-year term.....	3,000

Associate Professors:

Upon appointment	3,500
Maximum	4,500

Professors:

Upon appointment	4,000
Maximum	5,500

MRS. PHOEBE HEARST has presented to the California State University her archeological and anthropological collection from all parts of the world. It has cost over \$400,000, and with it she presents to the university \$60,000 for the maintenance of a department of anthropology.

HOPE COLLEGE, Holland, Mich., recently received \$100,000 from Mr. Ralph Vorhees, of Clinton, N. J., \$35,000 to be used in the erection of a woman's dormitory and the remainder to be added to the endowment fund.

A NEW chemistry hall has been erected for the University of North Carolina by a legislative appropriation of \$50,000.

A BOARD of regents of the University of California has purchased the Bancroft Library. The purchase price was \$250,000, of which amount H. H. Bancroft gave \$100,000.

THE medical department of the University of Vermont, occupied for the first time, on

December 2, the building erected to replace the old structure, which was burned in 1904. The new building cost \$100,000. The principal address at the opening exercises was delivered by Dr. John B. Grout, superintendent of the State Insane Hospital, at Waterbury.

MRS. CLARA C. JACOBUS has given \$25,000 to found a fellowship at Princeton University, to be conferred on the graduate student who has reached the highest excellence in his work during the previous year. An anonymous donor has given \$10,000 to establish a fellowship in chemistry.

MR. HENRY B. LOOMIS of the class of '75 has given \$10,000 to the Scientific School of Yale University to establish a fellowship in chemistry.

MR. W. D. D. CROTCH, M.A., of Asgard, Richmond, Surrey, bequeathed the residue of his personal estate after the termination of two life estates on trust for the museum of zoology at Cambridge, the interest to be set apart to form a fund for the purchase of books or specimens. The present value of the residuary estate has been ascertained to be about £8,000.

LORD ONSLOW, on November 18, opened the new museum and laboratories of zoology which have been erected at a cost of £18,000 in connection with the work of the University of Liverpool.

THE library of the late John Stuart Mill has been presented to Somerville College for Women, Oxford, by Miss Helen Taylor. It contains about 2,500 volumes.

MR. J. MARTIN WHITE has offered to pay the expenses of a series of lectures in London University on Japanese education. With the aid of the Japanese minister at London, the university has completed arrangements with the Japanese government for the delivery of the lectures during the summer and autumn terms of 1906. The lecturer appointed by the Japanese government is Mr. Masataro Sawayanagi, director of the General Education Bureau in the Department of Education. He will probably deliver courses on the methods of Japanese home and school education, espe-

cially with reference to Japanese sociology, and also a course on Japanese methods of educational organization and administration.

THE London *Times* states that in 1899 the Witwatersrand Council of Education raised a sum amounting to £100,000 for the purpose of providing elementary education for the Uitlander community. This money, which now amounts to about £115,000, has remained intact until the present time, with the exception of a portion of the interest which has been given to the Transvaal Technical Institute. At a meeting of the trustees it was decided to dispose of the fund in the following manner: £60,000 to the Technical Institute and £30,000 to found a public school at Frankenburg more or less on the lines of an English public school. The balance of £25,000 will probably be divided between Jeppestown High School and Johannesburg College, but is held over pending the report of the government commission on secondary education.

THE graduate department of the University of Cincinnati has been reorganized with the title of graduate school. Its faculty consists of the heads of departments, with Professor Merrick Whitcomb of the department of history as chairman.

NEARLY sixty students, who are members of the senior class in the Yale Forestry School, have left for the woods of northern Maine. They will spend the next two months in observing practical forestry and commercial lumbering work by the companies who conduct logging camps.

DR. WILLIAM LOUIS POTEAT, formerly professor of zoology, was installed as president of Wake Forest College on December 7.

MR. W. M. BARROWS has been appointed Austin teaching fellow of zoology at Harvard University.

DR. E. W. MACBRIDE, Strathcona professor of zoology at McGill University, has been appointed examiner for the natural science tripos at Cambridge University.

DR. W. A. BOWNE, F.R.S., has been appointed professor of applied chemistry at the University of Leeds.