

limit will be September 15. Stop-overs will be allowed west of the Missouri River and St. Paul on both the going and return trips. As has already been announced, the department of superintendence will hold its next meeting in Louisville, Ky., February 27 and 28 and March 1. Superintendent John W. Carr, president of the department, is formulating the program which it is expected will be issued early in December.

THE next meeting for the Australasian Association for the Advancement of Science will be held in Adelaide during January, 1907.

THE next meeting of the German Society of Experimental Psychology will be held at Würzburg on April 10 to 13. Reports will be presented on the following subjects: (1) the relations between experimental phonetics and psychology, by E. Krueger; (2) experimental esthetics, by O. Külpe; (3) the psychology of reading, by F. Schumann; and psychiatry and individual psychology, by R. Sommer.

THE International Congress on Milk Supply will hold its third congress at The Hague in 1907.

AN American Bison Society has been organized in New York City to take steps to prevent the extermination of the buffalo. The New York Zoological Society is prepared to give a herd of buffalos to be placed on the Wichita forest reserve in Oklahoma.

THE Nicholas Senn Club for Scientific Research has been incorporated in Chicago by Drs. Byron Robinson, Orville W. Mackellar and Arthur McNeal.

THE second session of the Graduate School of Agriculture will be held in the summer of 1906 at the agricultural college of the University of Illinois, under the auspices of the Association of American Agricultural Colleges and Experiment Stations and the University of Illinois.

THE Keep Commission is now investigating the Crop Department Bureau of the Department of Agriculture, of which no chief has been appointed since the resignation of Mr. John Hyde. It is said that the bureau may be abolished, its work being divided between the Weather Bureau and the Census Office.

At the instance of Professor Robert Fletcher, director of the Thayer School of Civil Engineering, and of the president and faculty of Dartmouth College, a series of lectures has been delivered to the engineering students on 'The Economics of Transportation and on Physical Hydrography,' by Professor Lewis M. Haupt, Sc.D., in which it was shown that the annual freight bill paid for overland transportation in the United States, exclusive of waterways, amounted to the enormous sum of \$2,600,000,000, and that although the United States has the lowest average tariff per ton-mile in the world, yet the European railways are able to charge from two to three times as much, with greater profits and still compete with this country for the foreign commerce of the world, because of their improved system of waterways. These facts serve to impress the benefits to all classes of carriers and producers resulting from the utilization of water routes for the raw and bulky materials of low values—not yet sufficiently appreciated by traffic managers of this country. The annual saving which might be effected by the betterment of the common roads as feeders was estimated to be enough to pay all the expenses of the government and the desirability of a much more rapid expansion of commercial channels to keep pace with the growth of vessels was forcefully presented.

UNIVERSITY AND EDUCATIONAL NEWS.

By the will of the late Stephen Salisbury the Worcester Polytechnic Institute receives a bequest of \$200,000. This money comes without restrictions of any kind on the part of the testator. In addition to this bequest Mr. Salisbury, at the time of his resignation a few weeks ago from the presidency of the board of trustees, made an additional gift to the institute of \$100,000, to be paid immediately.

FORMAL announcement of the \$250,000 legacy to the Sheffield Scientific School from the estate of the late M. D. Viets, of Granby, has been made by Professor Russell H. Chittenden, director of the school. The bequest will

be used for the physical, mathematical and general scientific needs of the school.

THE late Frank Harvey Cilley, the engineer, has bequeathed the residue of his estate, which will probably amount to \$70,000, to the Massachusetts Institute of Technology for the purchase of suitable books, photographs, casts, anatomical models and statuary for the library and gymnasium of the proposed Walker Memorial Gymnasium, or for special lectures on physical culture.

MR. T. P. SHONTS, chairman of the Isthmian Canal Commission, has given to Monmouth College \$10,000 as part of the \$30,000 needed to obtain an additional \$30,000 which Mr. Andrew Carnegie had promised to give the college for a library.

THE foundation is being laid for the north wing of University Hall, of the University of Wisconsin, which, when completed, will almost double the class and lecture room capacity of that building. The new wing will be ready for occupancy at the beginning of the next academic year. The regents of the university have purchased the large lot on the corner of State and Park streets opposite the University Library and the Assembly Hall, as a site for the new administration building. The plans for the new building have not been completed as yet and work will probably not be begun until next spring.

The Experiment Station Record states that with the inauguration of a four-year course of study at the agricultural high school of Vienna, the right has been given the school to confer the doctor's degree ('*Doktor der Bodenkultur*'). The course was formerly a three-year one, and there has long been an effort to raise the grade of work done by the school. The present action places it on a par with the universities and technical high schools.

EXCHANGES state that the Carnegie College of Hygiene at Dunfermline was formally opened on October 4. The course of study is very comprehensive. The college year is divided into three terms of twelve weeks each, and the work is divided into two sections—theoretical and practical—which, in turn, are subdivided. The theoretical includes human anatomy and physiology, personal and school

hygiene, theory of movements and teaching, symptomatology in connection with remedial gymnastics and school hygiene, and voice production. The practical course includes (1) educational gymnastics—Ling's Swedish system, (2) remedial gymnastics and massage, students being allowed, under medical supervision, to treat cases; (3) methods of class teaching, students having charge, under supervision, of classes of all ages in the public schools and in the gymnasium; (4) games, dancing and swimming.

THE REV. DAVID H. BUELL, professor of physics in Georgetown University, has been elected president of the institution.

PROFESSOR H. B. DATES, dean of the Engineering School of the University of Colorado, has accepted a professorship of electrical engineering at the Case School of Applied Science.

PROFESSOR THEODORE WHITTLESEY, for some years connected with the department of chemistry, Cornell University, and more latterly adjunct professor of chemistry in the School of Pharmacy of Northwestern University, has recently been appointed adjunct professor of chemistry in Northwestern University.

MR. F. J. SEAVER has been appointed professor of botany in Iowa Wesleyan College.

THE following appointments are noted in *The Experiment Station Record*: J. B. Davidson has been elected assistant professor in agricultural engineering at the Iowa College to succeed C. J. Zintheo, who resigned to take up work in farm mechanics in connection with the irrigation and drainage work in charge of the Office of Experiment Stations. E. T. Robbins has been elected to the position of assistant in animal husbandry, to succeed W. W. Smith, who has been elected assistant of animal husbandry at Purdue University. At the North Carolina Station W. F. Massey has resigned his position as horticulturist and will devote himself to editorial work. O. L. Bagley and R. H. Harper, graduates of the class of 1905, have been appointed assistant chemists to the station.

DR. OTTO STOLZ, professor of mathematics at Innsbruck, has retired.