

isfy the commissioners (a) that he has obtained, or can within one month of election obtain, a post in some engineering or other manufacturing works approved by them; (b) that he is in need of pecuniary assistance to enable him to accept such a post. A bursar may, if the commissioners approve, spend part of the tenure of his bursary in studying a special industrial process or processes in works either at home or abroad. No bursar shall enter a firm as a premium pupil without the special consent of the commissioners. A bursar must submit a report of his work to the commissioners on the expiration of each year of his bursary. Forms of application may be obtained from the secretary to the commissioners.

#### UNIVERSITY AND EDUCATIONAL NEWS

By act of the New York legislature, approved by Governor Dix, a state college of forestry has been established at Syracuse University, and the sum of \$55,000 has been appropriated for it. It will be remembered that the legislature several years ago refused to continue to support the college of forestry at Cornell University.

GOVERNOR DIX has vetoed the bill to appropriate \$10,000 for establishing a state school of sanitary science and public health at Cornell University.

MR. WILL C. HOGG has stated that he has assurances of a fund of \$25,000 a year for five years for the University of Texas, from which a prize of \$10,000 and other prizes are to be given for the best theses on the scope and purposes of the university.

At West Virginia University E. D. Sanderson, dean of the College of Agriculture, has been appointed director of the Experiment Station to succeed J. H. Stewart, recently resigned, to take effect January 1, 1912, in addition to his duties as dean. Mr. I. S. Cook, Jr., of Chillicothe, Ohio, a graduate of Ohio State University, 1906, has been appointed associate professor of agronomy. William H. Alderman recently associate horticulturalist,

New York Agricultural Experiment Station, Geneva, New York, has been appointed professor of horticulture.

DR. ROBERT RETZER, assistant professor of anatomy in the University of Minnesota, has been elected to a similar position in the University of Chicago.

DR. PAUL J. WHITE, '06, assistant professor of farm crops in the New York State College of Agriculture since 1908, has accepted a professorship in Washington State College at Pullman.

MR. SIDNEY S. SCHMIDT, a graduate of the Missouri School of Mines, and at present a chemist for the Washoe Smelter at Anaconda, Montana, has been appointed assistant in mineralogy at Northwestern University. He will take the place of Mr. A. J. Ellis, who resigned to accept an appointment on the U. S. Geological Survey.

PROFESSOR REICHENBACH, of Bonn, has received a call to succeed Professor von Eschmarch as director of the Hygienic Institute at Göttingen.

DR. GUSTAV STÖRRING, professor of philosophy at Zurich, has been called to Strasburg.

PROFESSOR BETHE, of Strasburg, has accepted a call as professor of physiology at Kiel.

#### DISCUSSION AND CORRESPONDENCE

COAL NEAR PINEDALE, NAVIJO COUNTY, ARIZ.

IN Mr. A. C. Veatch's recent article on the coal deposits near Pinedale, Navajo County, Ariz.,<sup>1</sup> his first sentence reads: "The suggestion that there were coal deposits in the region near Pinedale, Ariz., first came to the survey through the General Land Office (about November 27, 1909)."

The writer wishes to call attention to the fact that coal was known to exist in this region many years previous to the date above given. In 1903 the writer published an article on the "Geology of the Fort Apache Region,

<sup>1</sup> U. S. Geol. Survey Bulletin No. 431—B. Advanced Chapter from Contributions to Economic Geology, 1909—Coal and Lignite, pp. 154-158.