

tion which began in 1892, but temporarily halted from 1901 to 1903, was resumed in 1904. This increase in 1904 over the output of 1903 was approximately \$7,000,000 and in all probability the increase in 1906 over 1905 will be at least the same amount. The chief sources of the great increase are as follows: Alaska added about \$6,000,000 to its output of \$9,160,458 in 1904, and Colorado, Nevada and Utah added about \$1,000,000 each to their product of the previous year. On the other hand, decreases are noted in Arizona, Idaho, and other states. The states producing over \$1,000,000 in gold rank at present in the following order: Colorado, California, Alaska, South Dakota, Nevada, Utah, Montana, Arizona, Oregon and Idaho. The production of silver in 1905 represents a decrease of 1,581,200 ounces in actual output, but in spite of this the increase in the average price 4 cents an ounce (from 57 cents in 1904 to 61 cents in 1905) effected an addition to the value in 1904 of \$765,952.

UNIVERSITY AND EDUCATIONAL NEWS

THE *Experiment Station Record* states that a new agricultural college and research institute for Madras is now in course of erection. In 1905 a grant to the presidency by the government of India of \$50,000 per annum, which was subsequently increased to \$100,000, added to the allotment made by the government of Madras, removed all financial difficulty experienced by the Madras agricultural department. The result of this improved financial condition was the decision of the government to close the agricultural college at Saidapet and establish a new college and research institute, adequately equipped with laboratories and class-rooms and with a suitable farm near Coimbatore. The staff will consist of an expert agriculturist as the principal of the college, a superintendent of the central farm, a government botanist and an agricultural chemist. Ultimately an entomologist and mycologist may be added. The staff will combine teaching with research work. Problems connected with the agriculture of the presidency will be studied in the laboratory and

the field, while the students will be given a general education in all branches of agricultural science.

A FIRE, originating in the photographic room of Marischal College, Aberdeen, caused damage amounting to about £500.

THERE will be two fellowships open in the department of zoology and entomology in the Ohio State University for the coming university year. These provide a salary of \$300 and cover also tuition and laboratory fees. The holder is expected to carry on graduate work and may be called upon for assistance for laboratory work not to exceed half of the university time. Applications should be addressed to Professor Herbert Osborn, Ohio State University, Columbus, Ohio.

DR. J. H. WRIGHT has been appointed assistant professor of pathology in Harvard Medical School.

MR. BERTRAM G. SMITH, for the past three years an assistant in zoology in the University of Michigan, has been appointed instructor in biology in Lake Forest College, at Lake Forest, Ill.

MR. ALFRED AKERMAN, formerly state forester of Massachusetts and at present state forester of Georgia, has been given charge of the department of forestry which has been inaugurated at the University of Georgia.

THE following appointments have been made at George Washington University: Isaac Wright Blackburn, M.D. (Pennsylvania), professor in Georgetown University, to be professor of morbid anatomy; George Albert Ross, A.M. (Columbian), professor of mathematics in Hardin College, to be instructor in mathematics, and Mr. Abraham Press, to be lecturer in engineering.

MR. W. E. COLLING has been placed in charge of a department of economic zoology at the University of Birmingham.

DR. DEVAUX has been appointed professor of plant physiology, and Dr. Marchis, professor of physics, at the University of Bordeaux.

MR. A. W. ANDREWS, M.A., has been appointed to the new lectureship in geography at University College, Aberystwyth.