

station. It is expected that its work will include analyses of soils, crops and fertilizers; tests of fertilizers and other combinations of various soils and crops; lectures and laboratory instruction, and special short courses on the use of fertilizers and other extension work. The station is to have its headquarters at the college with the head of the department of agronomy as director. Acquisition of about 60 acres of land under lease at \$1,800 per year or by purchase at a cost of \$45,000 is expected. The plans also contemplate the erection of a fertilizer building to cost, with equipment, about \$40,000, together with two residences to cost \$5,000 each and several cottages for workers to cost about \$2,800. The main building would contain classrooms, a laboratory and living quarters for at least 20 students. The expense of maintenance is estimated at about \$6,500 per annum.

ADDITION of 21,000 acres to the White Mountain National Forest in New Hampshire has been announced by the National Forest Reservation Commission. The purchase increased the government-owned area within the forest to 462,200 acres, representing an investment of \$3,370,000. By later acquisitions it is planned to expand the forest to 960,600 acres. Purchase of the 21,000 acres added to the government timber reserve 33,000,000 feet of soft woods and more than 35,000,000 feet of hard wood, and the area is expected to produce annually 7,000 cords of soft wood and 2,000,000 feet of hard wood. The total stand of timber in the forest is estimated to be nearly one billion board feet of merchantable stock, of which more than half is soft woods suitable for making print paper.

## UNIVERSITY AND EDUCATIONAL NOTES

WILLIAM C. PROCTOR has made a gift of \$200,000 to Princeton University to provide additional facilities for the graduate college.

CHARLES T. ALDRICH and Henry L. Aldrich, brothers, have announced joint gifts of \$500,000 each to Brown University and to the Rhode Island Hospital on condition that an equal amount shall be raised by each institution.

By the bequests of the late Dr. John Hall, a graduate of Glasgow, and his sister, the university receives about £50,000 for tutorial fellowships in medicine, surgery and obstetrics, and for the better equipment of the practical classes in these subjects.

THE Northwest Paper Company and the Cloquet Lumber Company, of Cloquet, Minnesota, have given the sum of \$4,000 to the division of agricultural bio-

chemistry of the University of Minnesota to be used during 1925 for fundamental studies on the chemistry of wood products and wood utilization. The fund is known as the "Cloquet Wood Products Fellowship Fund." Mr. Kurt W. Franke (M.S., Virginia) and Mr. David R. Briggs (M.S., Missouri) have been appointed research fellows under this fund.

ARNOLD H. JOHNSON (Ph.D., Minnesota, 1924), assistant professor of agricultural biochemistry in the University of Minnesota, has been appointed assistant chemist in the Montana Agricultural Experiment Station, to succeed Paul F. Sharp (Ph.D., Minnesota, 1922), who has been appointed professor of dairy chemistry at Cornell University.

DR. CLIFFORD H. FARR, assistant professor of botany in the State University of Iowa, has been appointed associate professor of botany in Washington University at St. Louis.

HUBERT G. SCHENCK has been appointed instructor in paleontology at Stanford University.

DR. JOSEPH BURTT DAVY, at one time instructor in botany in the University of California, has been appointed lecturer in tropical forest botany in the Imperial Forestry Institute, Oxford University.

SIR HUMPHRY DAVY ROLLESTON, president of the Royal College of Physicians, has been appointed Regius professor of physic at Cambridge in succession to the late Sir Thomas Clifford Allbutt.

DR. WALTER GOSSNER, professor of mineralogy at the University of Tübingen, has been invited to occupy the chair of mineralogy and crystallography at the University of Munich.

DR. OTTO FISCHER, professor of chemistry at the University of Erlangen, who is retiring shortly, will be succeeded by Professor Rudolph Pummerer, of Griefswald.

## DISCUSSION AND CORRESPONDENCE

### THE EXTENSION OF THE YUCCA MOTH

MANY years ago Dr. George Engelmann, of St. Louis,<sup>1</sup> recorded that he was struck with the fact that "Yuccas do not bear fruit" in Europe. He and Dr. C. V. Riley<sup>2</sup> noted that the Yucca was pollinated by the Yucca moth. The method of pollination was described in detail. Subsequently Dr. William Trelease published a fine monograph of the genus Yucca, giving some notes on the pollination of the genus, the species of which are generally pollinated

<sup>1</sup> Transactions Academy of Science, St. Louis 3: 18. *Bull. Torrey Botanical Club* 3: No. 7.

<sup>2</sup> C. V. Riley. Transactions Academy Sciences, St. Louis 3: 55.