

Herbert John Webber, bachelor of science; master of arts; doctor of philosophy; charter member Botanical Seminar, and early assistant in the department; distinguished physiologist, pathologist, and plant breeder; discoverer of motile sperms in *Zamia*; investigator of double fertilization in maize; improver of plants useful for food and clothing; member of learned societies.

Albert Fred Woods, bachelor of science; master of arts; charter member Botanical Seminar, and early assistant in the department; notable investigator; as an administrator distinguished for services in the United States Department of Agriculture; dean of a great college of agriculture; director of a famous experiment station; author and man of affairs.

THE PHYSICAL LABORATORY OF WASHINGTON AND JEFFERSON COLLEGE

THROUGH the generosity of an alumnus, \$50,000 was given to Washington and Jefferson College in June, 1911, for the erection of a physics laboratory. An attempt was made to keep within the appropriation, but the cost of erection ran up to \$51,090. It is built of cream-colored brick, and measures 60 by 90 feet. The floors are of reinforced concrete, while the walls are solid brick 22 and 18 inches thick. All the laboratories are provided with piers running down to the rock underneath the building or with slate ledges built into the wall. The first floor contains elementary laboratories, workshop, storage room, constant temperature room, and one private laboratory. On the second floor are laboratories for work in electricity and light. Besides there is a chemical laboratory, a supply and stock room, and two private laboratories for advanced work. The third floor is given over to the lecture room, with accompanying preparation and apparatus rooms, a general laboratory for work in mechanics, a dark room, and a laboratory for advanced optics. Electric power is distributed from the dynamo room on the first floor, while the battery distributing center is on the third floor. A reference library and reading room is located on the second floor. The laboratories are all supplied with gas, hot and cold waters, compressed air and exhaust; also, direct, alternating and battery currents are available in

each laboratory for power and experimental purposes.

The laboratory was dedicated on January 16, 1913, celebrating the 111th anniversary of the chartering of Jefferson College at Canonsburg. The address was made by Professor A. G. Webster on "Physical Laboratories and their Relation to the Advance of Civilization."

SCIENTIFIC NOTES AND NEWS

HARVARD UNIVERSITY has conferred its doctorate of science on Dr. Chas. D. Walcott, secretary of the Smithsonian Institution.

AMONG honorary degrees conferred by Yale University were doctorates of science on Dr. A. A. Noyes, professor of theoretical chemistry of the Massachusetts Institute of Technology, and on Dr. S. W. Williston, professor of paleontology at the University of Chicago; the doctorate of laws on Dr. John G. Hibben, president of Princeton University, and Dr. David F. Houston, secretary of agriculture, and the master of arts on Dr. Harvey Cushing, professor in the Harvard Medical School.

THE University of Pennsylvania has conferred its doctorate of laws on Dr. G. W. Goethals, chief engineer of the Panama Canal.

BROWN UNIVERSITY has conferred the degree of doctor of science on Mr. Frank M. Chapman, curator of ornithology in the American Museum of Natural History.

WESLEYAN UNIVERSITY has conferred the doctorate of laws on Dr. Charles H. Judd, director of the school of education of the University of Chicago.

TUFTS COLLEGE has conferred the doctorate of science on Admiral Robert E. Peary and the degree of doctor of science on Dr. Alfred C. Lane, Pearson professor of geology and mineralogy in Tufts College.

DURING commencement week at Colorado College there was celebrated the twenty-fifth anniversary of President W. F. Slocum's administration. The following honorary degrees were conferred on scientific men: the degree of doctor of science on Professor T. D. A. Cockerell, of the University of Colorado,