

Course III., Parasites and Parasitism, J. Percy Moore. On Thursdays, beginning on January 2.

Course IV., Structure and Life Histories of Some Common Birds, Witmer Stone, M.A., Conservator of the ornithological section, Academy of Natural Sciences, Philadelphia. On Mondays, beginning on January 6.

Course V., Sedimentary Rocks, their Origin and Formation, Amos P. Brown, Ph.D., professor of mineralogy and Geology, University of Pennsylvania, Philadelphia. On Thursdays, beginning on February 6.

Course VI., The Principles and Methods of Zoology, Philip Calvert, Ph.D., instructor in zoology, University of Pennsylvania. On Mondays, beginning on February 11.

Course VII., Studies of Plant Life in the Vicinity of Philadelphia, Stewardson Brown, conservator of the botanical section of the Academy of Natural Sciences, Philadelphia. On Thursdays, beginning on March 13.

Course VIII., Mollusks, Henry A. Pilsbury, conservator of the conchological section of the Academy of Natural Sciences, Philadelphia. On Mondays, beginning on March 17.

UNIVERSITY AND EDUCATIONAL NEWS.

A MEETING has been held in Halifax to consider a plan for the affiliation of the colleges in the provinces of Nova Scotia, New Brunswick, and Prince Edward Island, and the establishment of a university in the maritime provinces.

THE American residents of Montreal have given the sum of \$9,000 to McGill University to found a political science fellowship in honor of the late President McKinley.

THE Berlin correspondent of the *London Times* states that the estimates for the army include a vote for the new military technical college which the Government proposes to open in the course of next year. The necessity for some such institution has been impressed upon the military authorities by the advancing scientific requirements of modern warfare, which are now too numerous and too varied to be adequately provided for by the resources at the command of the existing Staff College. There are branches of technical knowledge which, although they cannot strictly be classed as military, are, nevertheless, indispensable for the soldier. Among such subjects are steam-power,

electricity, mechanics, the construction of boats and bridges, and the establishment of means of communication. In recognition of this fact the college which is shortly to be opened will have for its objects the extension of general technical knowledge in the army and also the special technical training of engineer officers, as well as of those officers who desire to prepare themselves there for a career in the railway, ballooning and other special departments of the service. The college will provide for the instruction of 200 officers, the course of study will be completed in three years, and the students will pass through three grades. One hundred officers will take the first year course, and of these 50 will subsequently proceed to the second and third grades. It is expected that the college will be opened on October 1, 1902. The ordinary annual expenses are estimated at 300,000 Marks.

PROFESSOR ADRIAN J. BROWN, director of the British School of Malting and Brewing, of Birmingham University, has issued a report in which he says that they have now more students than the laboratories ought to accommodate, and he has been compelled to refuse others who have applied for admission. There are 18 students at present working in the school, and of these 16 devote their whole time to their work.

FOUR students of the University of Pennsylvania have been awarded scholarships by the Institute for Medical Research, founded by Mr. John D. Rockefeller. Those receiving the scholarships are Dr. George H. Gildersleeve, of the hygienic laboratory, and E. B. Vedder, C. M. Duval and Dr. F. P. Gray, of the pathological laboratory.

MR. WILLIAM MAXWELL REED has been appointed assistant professor of astronomy Princeton University to fill the position vacant by Mr. Taylor Reed.

MISS EDITH M. TEWKESBURY, B.A. (Wellsley), has been appointed instructor in chemistry at Wells College.

THOMAS SHAW, professor of animal husbandry at the Minnesota State Agricultural College, resigned to become editor of an agricultural journal.