

advance, as Detroit is liable to be crowded at this time.

Special arrangement is being made for the entertainment of ladies who accompany members.

CHARLES L. PARSONS,  
*Secretary*

DURHAM, N. H.

FORMATION OF THE JOINT COMMITTEE  
ON THE UNIFICATION OF METHODS  
OF ANALYSIS OF FATS AND OILS

At the last meeting of the Association of Official Agricultural Chemists, held in November, 1908, a committee of three was appointed to join with a similar committee, if such could be appointed, from the American Chemical Society and the American Society for Testing Materials, the object being to try to bring about uniformity in the methods of these three great chemical societies, and also that this joint committee should represent this country in the formation of an international commission upon this same subject.

The committee appointed by the Association of Official Agricultural Chemists consisted of Mr. L. M. Tolman, chairman, Mr. Percy H. Walker and Mr. A. Lowenstein. The committee from the American Chemical Society consisted of Mr. A. H. Gill, chairman, Mr. David Wesson and Mr. C. E. Waters. The committee appointed by the American Society for Testing Materials consisted of Mr. C. N. Forrest, chairman, Mr. Jerome Frank and Mr. G. W. Thompson. These three committees have united into the formation of a joint committee, Mr. Tolman being elected chairman, and Mr. Forrest, secretary.

The work of this joint committee is to bring about as far as possible a uniformity in methods of analysis and statement of results. The first meeting was held in New York at the Chemists' Club on May 25, for the consideration of plans of work, and of carrying them on.

THE PUGET SOUND MARINE STATION

A LABORATORY for the study of marine biology has been established by the State University, the State College and the three State

Normal Schools of Washington in cooperation. This is located on the islands of the lower Puget Sound, a region unapproachable for its wealth of marine life. For the session 1909 the laboratory will be maintained at Friday Harbor on San Juan Island from June 21 until July 10, and at Olga on Orcas Island from July 12 until July 31. The following courses are announced: Exploratory Zoology, C. T. Brues, curator of the Milwaukee Public Museum; Invertebrate Zoology, H. S. Brode, professor of biology, Whitman College; Vertebrate Zoology, A. D. Howard, professor of zoology, University of Washington; Insects, A. L. Melander, professor of entomology, Washington State College; Molluscs, James L. Kellogg, professor of zoology, Williams College; Fishes, E. C. Starks, curator, Stanford University; Phylogeny of Plants, Charles E. Bessey, professor of botany, University of Nebraska; Cryptogamic Botany, Charles O. Chambers, professor of biology, Pacific University; Systematic Botany, R. K. Beattie, professor of botany, Washington State College; Ecology, T. C. Frye, professor of botany, University of Washington; Algæ, Mabel R. Simpson, professor of biology, University of Puget Sound.

The equipment of the station will include a steam dredging outfit, motor launch, scows, boats, etc. Microscopes and usual apparatus will be supplied. Tuition is free, but a laboratory privilege charge of ten dollars will be made for the six weeks courses. The Alaska-Yukon-Pacific Exposition at Seattle will afford an unusual opportunity of visiting the Pacific coast at low cost.

An invitation to make the station their headquarters is cordially extended to eastern biologists. Every opportunity will be given for the collection and study of the interesting species of Puget Sound. Correspondence may be addressed to Professor T. C. Frye, University, Seattle, or to Professor A. L. Melander, Pullman, Washington.

THE BIOLOGICAL STATION OF THE  
UNIVERSITY OF MICHIGAN

A STATION for instruction and research in biology will be maintained by the University

of Michigan, as a part of its regular summer session, during the eight weeks from June 28 to August 20 inclusive, 1909.

The station will be located near the Bogardus Engineering Camp of the university on a tract of about 1,700 acres of land owned by the university and stretching from Douglas Lake to Burt Lake in Cheboygan County, Michigan, seventeen miles south of the Straits of Mackinaw. This region, diversified by hills and valleys, was formerly covered by primeval forest, and vestiges of this still remain. It contains many lakes of clear water, unsurpassed in the state for size, depth and beauty of setting. The elevation of the camp, between two and three hundred feet above Lake Michigan, insures cool nights and makes the location favorable for hay fever sufferers. The topography of the region immediately about the Bogardus Camp is such as to afford a variety of floral and faunal conditions.

It is not the purpose of the station to duplicate the work offered at the university, but to provide facilities for field work of a sort that can not be so well carried on at the university or under the limitations imposed by a university schedule.

The courses of instruction will include: The natural history of vertebrate animals, freshwater special work and research in zoology, teachers' course in ecology, identification of trees and shrubs, botanical survey of the Bogardus Camp region, and research in ecology. Professor Reighard, head of the department of zoology, and Dr. George P. Burns, assistant professor of botany in the University of Michigan, will be in charge of these courses.

Not more than twenty students can be accommodated, and no registration will be accepted if received after June 10. Applications should be addressed to Professor E. H. Kraus, secretary of the Summer Session, Ann Arbor, Mich.

#### SCIENTIFIC NOTES AND NEWS

MR. OAKES AMES has been appointed director of the Botanic Garden of Harvard University.

DR. R. R. GATES, of the University of Chicago, has accepted a position in the Missouri Botanical Garden, where he will devote himself to continuing his cytological experiments and breeding experiments with *Aenothera*.

DR. R. P. VERNEAU has been appointed to the professorship of anthropology in the Paris Museum of Natural History in succession to the late Professor Hamy.

DR. CHALMERS MITCHELL, secretary of the London Zoological Society, will reside at the gardens when the society's library and offices are transferred there. Under him there will eventually be three curators, one each for mammals, birds and reptiles. Mr. R. I. Pocock, who is to retain his present post of garden-superintendent, will have charge of the mammals, and temporarily of the reptiles, while Mr. D. Seth-Smith is to take over the custody of the birds, combining with this duty the office of inspector of works.

DR. FREDERIC WARD PUTNAM, Peabody professor of American archeology and ethnology in Harvard University, has resigned from active service. It will be remembered that Professor Putnam celebrated his seventieth birthday on April 16.

PROFESSOR VIKTOR VON LANG has retired from the chair of experimental physics at Vienna.

A PORTRAIT of Dr. James Law, the first director of the Veterinary College of Cornell University, has been presented to the college as a gift of the New York state alumni. The presentation was made by Dr. G. S. Hopkins, and the portrait was accepted on behalf of the university by President Schurman. Addresses were delivered by ex-President White and Director Moore.

THE faculty of the Massachusetts Institute of Technology at the last regular faculty meeting of the year adopted the following resolution by a unanimous rising vote:

*Resolved*, That the members of the faculty of the Massachusetts Institute of Technology desire to express to Dr. Arthur A. Noyes, upon his concluding his work as acting president, their deep