

The industrial division offers a symposium on corrosion, with Robert J. McKay as chairman, which will begin Wednesday morning. Such general fields as the corrosion of brasses; the corrosion of iron; the corrosion of aluminium alloys; the corrosion of stainless steel; the effect of minute films on corrosion; the corrosion of alloys of high temperatures; corrosion of antique bronzes; and the newer electrolytic theory of corrosion will be discussed. In addition, the program will contain also the names of W. R. Whitney, an exponent of the electrochemical theory; W. D. Bancroft, a recognized authority on the physical chemistry of corrosion; W. H. Bassett, an authority on corrosion resisting alloys; Guy D. Bengough and Ulick R. Evans, among the foremost authorities of England.

The paint and varnish section will hold its meetings on Wednesday and Thursday morning, with a dinner on Thursday evening. The gas and fuel section, besides a "Symposium on flames, their chemistry and controlling factors," with Professor R. T. Haslam as chairman, will have numerous original papers on gas and fuel subjects. The rubber division will arrange a symposium on either the "Measurement of the plasticity of rubber" or on the "Artificial aging of rubber by oxidation." The secretary urges all members of the society who are prepared to contribute on either of these subjects to communicate with him at once. The division will hold a dinner and smoker at 6 o'clock Thursday evening. The cellulose division will hold a symposium on "Oxy and hydro cellulose and cellulose hydrates," the discussion to be opened by Jesse Minor, Harold Hibbert, and John L. Parsons.

The division of agricultural and food chemistry wishes to announce that while the division will hold its usual meeting for the presentation of papers, the special symposium on "Insecticides and fungicides" will be held at Los Angeles rather than at Baltimore. This is done to meet a special demand from the West for a discussion of this subject.

The division of chemistry of medicinal products in addition to its regular papers will hold a symposium on "Chemistry in the field of microbiology." Papers have been promised by T. B. Johnson, Carl Voegtlin and John Churchman. One other paper will probably complete the morning program, as it is desired to give from thirty to forty minutes to each paper with time for discussion.

The division of chemical education in addition to the general program, on Tuesday afternoon will have papers of especial interest to college teachers on Wednesday morning and papers of especial interest to high school teachers on Friday morning, both under the chairmanship of Wilhelm Segerblom. Friday

afternoon will be given up to additional papers, reports of committees and to a business meeting.

#### UNIVERSITY OF MICHIGAN BIOLOGICAL STATION

THE University of Michigan Biological Station will hold its seventeenth session for instruction and research on the shores of Douglas Lake, Cheboygan County, Michigan, from June 22nd to August 14th. Instruction in zoology will be given by Professors George R. LaRue and Paul S. Welch, University of Michigan; Dr. Chas. Creaser, College of the City of Detroit; Dr. Frank Blanchard, University of Michigan, and Professor Herbert B. Hungerford, University of Kansas; in botany by Professors John H. Ehlers and Carl L. LaRue, University of Michigan, and Professors George E. Nichols, Yale University, and Frank C. Gates, Kansas State Agricultural College.

The courses in zoology include ichthyology, limnology, entomology, ornithology, herpetology and mammalogy; while in botany the following courses are offered: Taxonomy of green cryptogams, taxonomy of the bryophytes, systematic botany, ecology, plant anatomy and plant geography. For those requiring direction in research work the following fields are suggested: The morphology, taxonomy and life histories of parasitic worms, Professor LaRue; the fishes and mammals, Dr. Creaser; aquatic insects and limnological problems, Professor Welch; birds, amphibians and reptiles, Dr. Blanchard; the aquatic hemiptera, Professor Hungerford; the bryophytes, Professor Nichols; plant physiology and ecology, Professor Gates; and taxonomy of the flowering plants, Professor Ehlers.

Under certain conditions, properly qualified graduate students may complete the requirements for the M.A. or M.S. degree by working at the station through three or four summer sessions. Inquiries should be addressed to Professor Paul S. Welch, acting director, University of Michigan, Ann Arbor, Michigan.

#### MEMORIAL TO DR. THOMAS L. WATSON

THE following memorial on the death of Dr. Thomas L. Watson, late state geologist of Virginia, was passed at the meeting of the Association of American State Geologists held at Ithaca, New York:

During the past year one of our most beloved members, Dr. Thomas Leonard Watson, passed away, his death having occurred on November 10, 1924. His loss is most keenly felt by the association in which he was always a most active member, and he will be greatly missed by all his friends and associates in his chosen field.

To us who knew Dr. Watson best, he will be missed first as a friend, for he had the rare ability of making