

composed of Dean M. F. Miller of Missouri, Dr. L. F. Graber of Wisconsin, and Dr. R. D. Lewis of Ohio led a round table discussion on "The American Society of Agronomy and the War." The annual dinner was held in the evening, at which time President Richard Bradfield delivered his presidential address. The Crops Section had one general program and eleven subsectional meetings. Thirty-four papers were presented and conferences held on Statistics, Teaching, Alfalfa and Corn Improvement.

The Soil Science Society had one general program and thirteen sectional programs. Eighty-two papers were presented. In addition to formal papers there were discussions of Soil Survey Techniques, Problems of Soil Classification and the Contribution of Soil Survey to the War Effort and Post-war Planning. The annual banquet was held on Wednesday evening, when D. Howard Doane, of the Doane Agricultural Service, St. Louis, gave the address.

A meeting of interest to members of both societies was held on Friday morning. At this session five papers were presented on the general topic of "Cropping Practices in the Great Plains."

Vice-president F. D. Keim, of the Society of Agronomy, announced the names of the fellows elect and presented certificates at the annual dinner. Frank W. Parker was elected vice-president of the society.

THE UPPER PENINSULA MINERAL RESOURCES CONFERENCE

THE Upper Peninsula Mineral Resources Conference was held on November 21 at the Michigan College of Mining and Technology, Houghton, with five federal representatives in attendance. The conference was planned to study exploitation and utilization of the mineral resources of northern Michigan.

The U. S. Geological Survey was represented by Drs. W. S. Burbank, J. J. Runner and C. F. Park, Jr.; the U. S. Bureau of Mines by E. F. Fitzhugh and District Engineer E. P. Barrett; the Michigan Geological Survey by its director, Dr. R. A. Smith; the University of Michigan by Professor K. K. Landes, head of the department of geology; Michigan State College by Professor S. G. Bergquist, head of the department of geology and geography; the University of Minnesota Mines Experiment Station by Director E. W. Davis; the Michigan College of Mining and Technology by a large number of faculty members; and mining companies by their chief geologists, mining engineers and other officials.

The address of welcome was given by President Grover C. Dillman, of the institute. The introductory session was conducted by Dr. Smith. The luncheon address on "Lake Superior Iron Ore and the War Emergency" was delivered by Mr. Davis.

Committees appointed included those on copper ores, iron ores, mineral dressing, non-metallies, geo-physical prospecting, federal and state cooperation and planning, and university and college cooperation and specialization.

The chairmen and co-chairmen included Messrs. Burbank, Fitzhugh, Smith, Landes, Bergquist and Dr. T. M. Broderick, chief geologist of the Calumet and Hecla Consolidated Copper Company; E. L. Derby, Jr., chief geologist of the Cleveland Cliffs Iron Company; Stephen Royce, consulting mining geologist representing Pickands Mather and Company; Dean James Fisher, of the Michigan College of Mining and Technology; and Professor N. H. Manderfield, head of the mineral dressing department of the institute.

In charge of all arrangements was Dr. A. K. Snelgrove, formerly of Princeton University and now head of the department of geological engineering at Michigan College.

THE ENGINEERING COLLEGE RESEARCH ASSOCIATION

SEVENTY-THREE engineering colleges from all parts of the country have organized an Engineering College Research Association to cooperate with the war agencies of the Government and with war industry in the prosecution and promotion of research needed for the war effort.

The council of the association, with Dean W. R. Woolrich, of the College of Engineering of the University of Texas, as chairman, held its first meeting in Washington on November 27. The formation of the organization closely follows the establishment by the War Production Board of the Office of Production Research and Development under the direction of Dr. Harvey N. Davis, president of the Stevens Institute of Technology. A close degree of liaison between this office and other governmental and private agencies dealing with wartime research will be maintained by the association in an effort to utilize to the fullest possible degree the vast research facilities of the engineering colleges of the nation.

The association will coordinate the research activities of the engineering college laboratories and personnel for the task of conducting vital studies affecting war materials and production. It will also assist in organizing the research facilities of the engineering colleges in undertaking studies designed to promote post-war reconstruction and economic adjustment through new and improved processes affecting industry, public works, the conservation and development of natural resources, public health and other similar activities. It is further planned that the group will act as a continuing agency for developing and coordinating industrial and scientific research and the furtherance of advanced study in the colleges of