

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

engineering in the United States. It is pointed out that through the cooperation of such a large number of leading engineering schools expensive and wasteful duplication of effort will be avoided, and that a maximum utilization of facilities and personnel and a high degree of coordination will result.

In addition to Dean Woolrich other officers of the association are: Dean Earle B. Norris, Virginia Polytechnic Institute, *First Vice-president*; President C. C. Williams, Lehigh University, *Second Vice-president*; Dean R. L. Spencer, University of Delaware, *Treasurer*. Council members of the group are Dean Ivan C. Crawford, University of Michigan; Dean Thorndike Saville, New York University; Dean Sam-

uel B. Morris, Stanford University; Dean F. M. Dawson, the State University of Iowa; Dean N. A. Christensen, Colorado State College, and Dean G. M. Butler, University of Arizona.

This is the first time that the research departments, institutes and experimental stations of technological institutions have been brought together in an organization of this kind. While most of the members are already associated in other professional and educational groups, they have never joined hands for the express intention of coordinating and stimulating engineering research. It brings together in one group institutions with research facilities valued at many million dollars.

SCIENTIFIC NOTES AND NEWS

ORVILLE WRIGHT has been elected an honorary member of the British Institution of Mechanical Engineers in recognition of "his distinguished contributions to mechanical science." It is said in the citation that "his early pioneer research and eminent scientific attainments have richly endowed the annals of science."

THE twenty-seventh annual dinner of the Institute of Medicine of Chicago was held at the Palmer House on December 2. The dinner was in honor of Dr. Ludvig Hektoen and Dr. James B. Herrick, who have been active members of the Board of Governors since the founding of the institute in 1915. Dr. James P. Simonds spoke on "Ludvig Hektoen: A Study in Changing Scientific Interests," and Dr. J. Christian Bay on "James B. Herrick: Youth in Man Makes History."

DR. BERNARD SACHS, neurologist and founder of the neurological division of Mount Sinai Hospital, past-president of the New York Academy of Medicine, who will be eighty-five years old on January 2, was presented at a special ceremony on November 24 with a volume of 700 pages containing eighty-three original papers on the progress of neurology, compiled in honor of his sixty years of medical practice and research. Dr. Foster Kennedy, chief of the Neurological Service at Bellevue Hospital, presided.

DR. F. W. HODGE was elected president of the Western Museums Conference at the recent Los Angeles meeting.

AT the second annual meeting of the Montana Academy of Sciences, held on October 30 and 31 at Helena, the following were elected to office for the coming year: Rev. B. J. Topel, Carroll College, *President*; Dr. Harold Chatland, Montana State University, *First Vice-president and Editor*; Dr. D. Q.

Posin, Montana State School of Mines, *Second Vice-president*; Dr. R. W. Hiatt, Montana State College, *Third Vice-president*, and Professor Melvin S. Morris, Montana State University, *Secretary-Treasurer*. The academy, in the organization of which Dr. Gordon B. Castle, of Montana State University, and Dr. Harlow B. Mills, of Montana State College, took a leading part, was planned in 1940 at a general meeting held in Great Falls.

DR. EDWIN F. GILDEA, associate professor of psychiatry at the School of Medicine of Yale University, has become professor of psychiatry and administrative head of the department of neuropsychiatry at the School of Medicine of Washington University, St. Louis.

DR. HAROLD PHILLIPS HILL, clinical professor of medicine at the School of Medicine of Stanford University, San Francisco, has been made professor emeritus. Dr. Victor E. Hall and Dr. John Field, II, in physiology, and Dr. Charles E. Smith in public health and preventive medicine have been promoted to full professorships.

THE enlargement of a program of research into the causes of cancer has been made possible at the University of Minnesota by a gift of \$5,500 a year for five years from the Citizens Aid Society of Minneapolis to support what will be known as the George Chase Christian professorship in cancer research. Dr. John J. Bittner, now associate director and vice-president of the board of directors of the Roscoe B. Jackson Memorial Laboratory at Bar Harbor, Maine, has been appointed the first incumbent of the chair. Associated with Dr. Bittner, who will study the cancer problem as a geneticist, will be Dr. Maurice B. Visscher in physiology and Dr. Robert G. Green in bacteriology.