

Throughout the week of the meeting the fifth Exhibit of Testing Apparatus and Related Equipment will be in progress. The exhibit will open at noon on Monday. Many leading commercial companies concerned with the manufacture and distribution of testing apparatus and related equipment, measuring and recording instruments, laboratory supplies and related scientific instruments will be among the exhibitors. A number of instruments will be on display for the first time. In addition, several committees of the society are sponsoring displays illustrating important parts of their work. There will also be in progress the second Photographic Exhibit and Competition on the theme "Testing and Research in Engineering Materials." A separate section will be given to photomicrography.

On Monday the whole day will be devoted to committee meetings, which will continue through the remainder of the week. The first formal session will open at 10:30 o'clock on Tuesday morning, June 27. The second session in the afternoon, a Symposium on Paint Testing, with ten to twelve informal papers covering particular tests and their significance, will be held simultaneously with the one on iron, including several papers on cast iron and malleable iron castings. Two evening sessions on Tuesday are devoted to water, with five technical papers and two reports on this subject; and a round-table discussion of effect of sub-atmospheric temperatures on the properties of metals.

The session on Wednesday morning will be devoted to paper, plastics, rubber, glass and electrical insulating materials. This session runs concurrently with the one on fatigue and corrosion, there being four items dealing with fatigue and five covering corrosion. Reports on soaps, textiles and timber will follow on Wednesday afternoon, with a simultaneous session on coal, petroleum products and gaseous fuels. The Edgar Marburg Lecture will be given on Wednesday at 4 P.M., and at this time the award of the Charles B. Dudley Medal will be made. The evening session covers radiography, magnetic testing and metallography, there being four items in the field of radiographic testing by well-known authorities. At the time there will be a session dealing with soils, with a symposium on Shear Testing of Soils. Six papers by prominent technologists form the basis of discussion.

Thursday morning will be devoted to steel, ferro-alloys and the effect of temperature. Two other sessions run concurrently with this—one on bituminous materials and road materials and the other round-table discussion on quantitative spectrography. A round-table discussion on Thursday afternoon on freezing-and-thawing tests will determine whether any organized work should be undertaken by the society in this field. The fourteenth session involves ceramic and masonry materials. Several papers will be given at

the fifteenth session on methods of testing. Discussions will concern cement, concrete, lime and gypsum. The concluding session will include twelve papers and reports on non-ferrous metals.

THE GEOLOGICAL SOCIETY OF AMERICA

THE Geological Society of America, Section E of the American Association for the Advancement of Science, the Association of American Geographers and the American Society of Agricultural Engineers will join in meetings at Milwaukee during the week of June 19. The Upper Great Lakes region will provide the general theme for scientific sessions and excursions.

The following excursions have been arranged:

- June 15-17. To the iron and copper districts of northern Michigan, leaving Marquette, Michigan, 8 A.M., June 15. R. M. Dickey, leader.
- June 19-22. Local trips, with Milwaukee as base. Ira Edwards and F. T. Thwaites, leaders.
- June 24-27. To the Baraboo-Devils Lake region, Wisconsin. E. F. Bean, leader.

Those interested in participating in the excursion to northern Michigan or in the excursion to the Baraboo region, Wisconsin, are asked to communicate with the Secretary of the Section, H. A. Meyerhoff, 88 Crescent Street, Northampton, Mass. Plans were made on the basis of the registration on June 1, although later registration is not precluded.

The program and abstracts of papers to be presented at the summer meeting to be held at the University of California, Berkeley, on August 8, 9 and 10, will be distributed in June. Those wishing to participate in the local excursions on August 10 and from August 11 to 14, and in the excursion arranged for Los Angeles on August 17, who have not already sent in their names, are urged to communicate at once with C. A. Anderson, secretary of the Cordilleran Section, University of California, Berkeley.

As previously announced, the Paleontological Society, the Society of Economic Geologists and the Seismological Society of America will hold meetings at Berkeley in conjunction with the meeting of the Geological Society.

SEVENTH INTERNATIONAL CONGRESS OF GENETICS

PLANS for the Seventh International Congress of Genetics, to be held from August 23 to 30 in Edinburgh, are now fairly complete. The meetings will be held in the university departments at King's Buildings on the outskirts of the city. The Organizing Committee has selected Dr. N. I. Vavilov as president of the congress, and the secretary-general is Professor F. A. E. Crew, of the Institute of Animal Genetics at Edinburgh.

The sectional programs with their recorders will include the following:

- A. "Gene and Chromosome Theory": H. J. Muller, Edinburgh.
- B. "Cytology": C. D. Darlington, Merton Park.
- C. "Physiological Genetics": B. Ephrussi, Paris.
- D. "Animal Breeding in the Light of Genetics": A. D. Buchanan Smith, Edinburgh.
- E. "Plant Breeding in the Light of Genetics": K. Mather, Merton Park.
- F. "Human Genetics": G. Dahlberg, Uppsala.
- G. "Genetics in Relation to Evolution and Systematics": J. S. Huxley, London.
- H. "Statistical Genetics": R. A. Fisher, London.
- I. "Genetical Aspects of Growth, Normal and Abnormal": C. C. Little, Bar Harbor.

A pre-congress tour from London to Edinburgh by motor bus has been arranged. The party will meet in London on Tuesday, August 15. Wednesday and Thursday will be spent in visiting various university departments and research institutions. On Friday the party will go to Cambridge by motor coach, there to spend the afternoon and the whole of Saturday in visiting the university departments, colleges and research institutions. On Sunday the party will leave for Chester, traveling through typical English scenery to reach this city steeped in historic associations. On Monday the journey will end at Windermere, the center of the English lake district. On Tuesday the party will cross the border at Carlisle, travel through the border hills, and reach Edinburgh in the late afternoon.

Several post-congress tours have also been arranged. These comprise three-, four-, five- and six-day tours in the lake regions of Scotland.

During the week of the congress a number of social functions have been arranged; *e.g.*, reception by the city of Edinburgh; congress banquet in the library hall of the university; visits to art galleries, museums and places of historic interest, etc.

Approximately sixty American geneticists have signified their intention to attend the congress. The Genetics Society of America is aiding in travel ar-

rangements for their members and guests. (General travel information may be had from the secretary, E. W. Lindstrom, of the Iowa State College, Ames, Iowa.) Members planning to ship exhibit material requiring customs or quarantine inspection should write the representative of the society, Dr. M. M. Rhoades, Arlington Farm, U. S. Department of Agriculture, Arlington, Va.

RECENT DEATHS

DR. DAVID TODD, emeritus professor of astronomy and navigation and director of the observatory of Amherst College, died on June 1. He was eighty-four years old.

DR. EDWIN LINTON, professor emeritus of biology of Washington and Jefferson College, died on May 5 at the age of eighty-four years.

DR. JOSEPH GRINNELL, professor of zoology and director of the Museum of Vertebrate Zoology at the University of California, died on May 29 at the age of sixty-two years.

DR. CHARLES FREDERICK LORENZ, consulting engineer, from 1910 until his retirement in 1930 a member of the departments of physics of the Nela and the Westinghouse Research Laboratories, died on May 30 at the age of sixty-four years.

DR. ALFRED FRIEDLANDER, professor of medicine and dean of the College of Medicine of the University of Cincinnati, died on May 28 at the age of sixty-seven years.

DR. E. ROSS FAULKNER, for sixteen years surgical director of the Manhattan Eye, Ear and Throat Hospital, died on May 29 at the age of sixty-three years.

A CORRESPONDENT writes: "Alfred W. Anthony, ornithologist, died in San Diego, Calif., on May 14 at the age of seventy-three years. He was one of the pioneer field naturalists of the West, his collections being preserved in several museums. Between 1920 and 1923 he served as director and as curator of vertebrates on the staff of the San Diego Natural History Museum."

SCIENTIFIC NOTES AND NEWS

THE autumn meeting of the National Academy of Sciences will be held at Brown University on October 23, 24 and 25. The address of welcome will be made by Dr. Henry Merritt Wriston, president of the university, and the response will be made by Dr. Frank B. Jewett, president of the Bell Telephone Laboratories, who was elected president of the academy at the spring meeting. Members of the committee on arrangements are: W. S. Hunter, *chairman*, P. H. Mitchell, R. B. Lindsay, C. A. Kraus, R. G. D. Richardson, W. H. Snell and F. E. Wright (*ex-officio*).

At the commencement exercises of the Case School of Applied Science the doctorate of science was conferred on Dr. Clement C. Williams, president of Lehigh University, formerly dean of engineering at the University of Iowa, who gave the principal address, and on Dr. Otto Struve, director of the Yerkes and McDonald Observatories. The doctorate of engineering was conferred on M. Y. Seaton, chief engineer of the California Chemical Corporation.

DR. W. G. CROCKETT, professor of pharmacy at the Medical College of Virginia, was awarded the hon-