

Association Affairs

Preliminary Announcement of the Cleveland Meeting, December 26-30, 1950

The 117th Meeting of the American Association for the Advancement of Science, the annual meeting for the year 1950, will be a full-scale meeting—with programs in every principal field of science from astronomy and botany to, and including, zoology. All 17 of the Association's sections and subsections and more than 40 participating societies and organizations are completing plans for an aggregate of more than 200 sessions. The Annual Science Exposition, in the Arena of Cleveland's Public Auditorium, is expected to exceed that of the New York Meeting.

Nearly all of the sectional programs will be held in meeting rooms of the Auditorium, within short walking distance of the downtown hotels. Sections I (Psychology) and Q (Education), however, will meet in the Statler, headquarters of the science-teaching societies, and Section F (Zoology) probably will hold its symposium in the Hollenden, the headquarters of the four zoological societies. Except for some of the large public lectures, in the Auditorium, and demonstration sessions one afternoon on the campus of Western Reserve University, the public rooms of the hotels will serve well the requirements of the societies.

There will be a considerable number of outstanding symposia. Most of these are scheduled for the latter part of the week, whereas most paper-reading sessions of the sections will be held the first part of the period. It has been possible to keep conflicts between programs in a given field to a minimum. The individual convenience and integrity of the sessions of each society are assured by continuous use of the same rooms in hotels where related societies are housed. At the same time, the advantages of the large diversified meeting are not lost. There will be joint programs and symposia in areas between scientific fields and the bringing together of outstanding authorities and workers in diverse fields of science. In the Exposition, publishers, supply houses, microscope manufacturers, instrument makers, and industrial concerns will exhibit their latest products or portray their technical accomplishments on a scale impossible at a smaller meeting in a single scientific field. Adjacent to the exhibit area will be the Main Registration, the Visible Directory of Registrants (enlarged to permit better alphabetization), the annual Photography-in-Science Salon, sponsored by *The Scientific Monthly* and the Smithsonian Institution, and the Science Theatre, this year repeating programs throughout the week in a large room designed for projection and with a capacity of 678.

The list of special sessions or public lectures, such as the AAAS Presidential Address, and those sponsored by the Academy Conference, the British Association for the

Advancement of Science, National Geographic Society, Scientific Research Society of America, and the Society of the Sigma Xi, will be augmented this year by the annual lecture of the United Chapters of Phi Beta Kappa.

An extensive series of tours to museums, laboratories, and industrial plants of the Cleveland area is being arranged. Some of these will be of particular interest to chemists and are being included as a part of the program of Section C. The variety of the tours, open to all registrants, may be appreciated by consulting the section on local committees.

An outline of the sectional programs and participating societies, arranged by scientific fields, and the personnel of the local committees, follows.

Section A—Mathematics:

Symposium on applications of mathematics.

Section B—Physics:

Four sessions: a) "Fifty years of the Quantum Theory"; b, c, d) "Scientific Implications of Nuclear Phenomena in the Fields of Astrophysics, Geophysics, and Biophysics."

Section C—Chemistry:

Twelve sessions: a) two on cortisone and ACTH; b) two on ballistics; c) two on insecticides; d) one on medicinal chemistry; e) five, of general papers.

Section D—Astronomy:

Five sessions or more.

Section E—Geology and Geography:

Eleven or twelve sessions: a) two on general geology; b) two on general geography; c) two on oil geology and stratigraphy; d) one on "Earth Science for Non-professionals"; and joint participation in symposia of Section B, and Section O.

Section F—Zoological Sciences:

Symposium on "Genetic Aspects of Human Behavior"; another to be arranged.

Section G—Botanical Sciences:

A series of paper-reading sessions; a two-session symposium on "The Structure and Analysis of Plant Communities"; a second symposium on "The Ecological Basis of Evolution"; a third symposium on plant physiology.

Section H—Anthropology:

Five or more sessions, including symposia jointly sponsored by participating societies in this field.

Section I—Psychology:

Fifteen sessions, including a joint evening program with Section Q.

Section K—Social and Economic Sciences:

Three symposia or panel discussions: a) "Factors Determining City Growth"; b) "Growth of the Cleveland Area"; c) "Human Ecology."

Section L—History and Philosophy of Science:

Four sessions.

Section M—Engineering:

Eight sessions: a) joint program with the Cleveland Section of American Society of Mechanical Engineers; b) joint program with the Cleveland Engineering Society; c) joint program with Case Institute of Technology; d) three-session symposium on "Partnership of Industry and Science in Research," jointly sponsored by Illinois Institute of Technology, Armour Research Foundation, Mellon Institute for Industrial Research, and the Battelle Memorial Institute.

Subsection Nm—Medicine:

Four-session symposium on "Biological Effects of Radiation."

Subsection Nd—Dentistry:

Four sessions.

Subsection Np—Pharmacology:

Four sessions.

Section O—Agricultural Sciences:

Three-session symposium on "Soil Science and Its Relations to Geology and Geography," jointly with Section E.

Section Q—Education:

Seven sessions.

AAAS Cooperative Committee on Science Teaching:

Symposium on some phase of general education.

Full details of these programs, with speakers and dates, will appear in *Science* at a later date.

SOCIETIES MEETING WITH AAAS

- B** American Meteorological Society
Oak Ridge Institute of Nuclear Studies (joint program with the Oak Ridge National Laboratory)
- E** National Geographic Society
National Speleological Society
- F** American Society of Parasitologists
American Society of Protozoologists
American Society of Zoologists
Society of Systematic Zoology
- FG** American Microscopical Society
Biometric Society, Eastern North American Region
National Association of Biology Teachers
- K** American Home Economics Association
National Academy of Economics and Political Science
Pi Gamma Mu
- L** History of Science Society
Philosophy of Science Association
- N** Alpha Epsilon Delta, Premedical Honor Society
- Q** National Science Teachers Association
- X** American Nature Study Society
Foundation for the Study of Cycles
National Association of Science Writers
Scientific Research Society of America
Sigma Delta Epsilon
Society of the Sigma Xi
United Chapters of Phi Beta Kappa

LOCAL COMMITTEES

It would be impossible to make successful arrangements for the large and complex meetings of the Ameri-

can Association for the Advancement of Science, to ensure their smooth operation, to secure adequate publicity, and to finance them, were it not for the very considerable personal services of the local committees. Those who direct local activities and serve on these essential committees merit the appreciation not only of the Association but of all those who attend.

The success of the Cleveland Meeting is assured by the following committee members who already have assumed their responsibilities:

General Chairman

Charles J. Stilwell, president, The Warner and Swasey Company

Vice Chairmen

T. Keith Glennan, president, Case Institute of Technology
John S. Millis, president, Western Reserve University

Equipment and Projection Committee

Leslie E. Frye, director, Division of Visual Education, Cleveland Board of Education, *chairman*; *Charles W. Collins*, Myron T. Herrick Junior High School; *Sanford M. Eisler*, West Technical High School; *A. H. Hersh*, Western Reserve University; *Lawrence Hyman*, Nathan Hale Junior High School; *William E. Kofron*, Division of Visual Education, Cleveland Board of Education; *Ben I. Levine*, Radio Science Lessons, Station WBOE; *Joseph L. Stevens*, James F. Rhodes High School; *M. E. Webb*, Rawlings Junior High School.

Exposition Committee

James H. Rand, III, *chairman*; *Randolph Eide*, president, Ohio Bell Telephone Company; *Ben T. Franklin*, Cleveland Chamber of Commerce; *Bruno Gebhard*, director, Cleveland Health Museum; *George M. Humphrey*, president, M. A. Hanna Company; *Herbert C. Hunsaker*, dean, Cleveland College, Western Reserve University; *William E. Scheele*, director, Cleveland Museum of Natural History; *Warner Seeley*, secretary, Warner and Swasey Company; *Charles W. Williams*, coordinator of research, Case Institute of Technology; *Clyde T. Foster*, president, Standard Oil Company of Ohio.

Finance Committee

Allen T. Perry, procurement manager, The Harshaw Chemical Company, *chairman*; *Allen L. Billingsley*, president, Fuller & Smith & Ross, Inc.; *George S. Dively*, president and general manager, Harris-Seybold Company; *Loring L. Gelbach*, president, Central National Bank of Cleveland; *George M. Humphrey*, president, M. A. Hanna Company; *Adrian D. Joyce*, chairman of the board, The Glidden Company; *Herbert P. Ladds*, president, The National Screw and Manufacturing Company; *James L. Meyers*, president, The Cleveland Graphite Bronze Company; *Carl N. Osborne*, vice president, The M. A. Hanna Company; *Clarence M. Taylor*, executive director, The Cleveland Clinic Foundation; *Harrie S. Taylor*, president, Oglebay, Norton and Company; *John K. Thompson*, president, Union Bank of Commerce.

Publicity Committee

David Dietz, science editor, Scripps-Howard Newspapers and *The Cleveland Press*, chairman; Charles Howard Allen, Jr., university editor, Western Reserve University; James C. Hanrahan, vice president and general manager, Television Station WEWS; John B. Mulaney, associate editor, *The Cleveland News*; John F. Patt, vice president and general manager, Radio Station WGAR; Phillip W. Porter, columnist and assistant Sunday editor, *The Cleveland Plain Dealer*; Ernest E. Thum, editor, *Metal Progress*.

Tours and Entertainment Committee

Bruno Gebhard, M.D., director, Cleveland Health Museum, chairman; Russell Anderson, Western Reserve Historical Society; Arthur O. Baker, Cleveland Board of Education; William Culbertson, Case Institute of Technology; Howard Dittrick, Howard Dittrick Museum of Historical Medicine; Donald Fabel, Fenn College; R. H. Ferguson, Republic Steel Company; Patricia Ann Fraser, Cleveland Museum of Natural History; Charles B. Gleason, Garden Center of Greater Cleveland; Edwin L. Hall, American Gas Association Laboratory; A. B. Holton, Sherwin Williams Company; Waldo C. Hovey, The Harshaw Chemical Company; Frank Hovorka, Western Reserve University; L. C. Kent, Nela Park, General Electric Company; Gordon Klein, Aluminum Company of America; Donald A. MacRae, Warner and Swasey Observatory, Case Institute of Technology; G. H. McIntyre, Ferro Enamel Company; William Milliken, Cleveland Art Museum; Fletcher A. Reynolds, Cleveland Zoological Park; Granville B. Ryan, Standard Oil Company of Ohio; Paul E. Sprague, The Glidden Company; Ruth Swinart,

Thompson Products Auto Album and Aviation Museum; Harlan L. Trumbull, B. F. Goodrich Company; Emilia E. Wefel, Cleveland Public Library.

The Association is also indebted to the following who have contributed advice and assistance: Harold T. Clark, president, Cleveland Museum of Art; Frederick C. Crawford, president Thompson Products, Inc.; Mervin B. France, president, Society for Savings; M. D. Harbaugh, vice president and secretary, Lake Superior Iron Ore Association; Elmer L. Lindseth, president, Cleveland Electric Illuminating Company; Mark C. Schinnerer, superintendent, Cleveland Board of Education.

HOUSING AND REGISTRATION

The hotels of Cleveland have pledged themselves to provide ample housing for those attending the 117th Meeting. Housing will be taken care of by the experienced personnel of the Cleveland Convention Bureau, with hotels confirming reservations directly. Announcements and coupons for reservations will appear in *Science* and *The Scientific Monthly*, beginning the last of August. The hotels include the Statler (headquarters of the AAAS), the Hollenden, the Carter, the Allerton, the Olmsted, and the Auditorium Hotel, the last particularly convenient for exhibitors.

At the New York Meeting, the Council of the Association voted overwhelmingly to continue with advance registration. Plans are already made to ensure the mailing of the General Program to advance registrants not later than December 1 (as compared with December 6-9 last year).

RAYMOND L. TAYLOR,
Assistant Administrative Secretary

Scientific Book Register

The Actinomycetes. Annales Cryptogamici et Phytopathologici, Vol. 9. Selman A. Waksman; Frans Verdoorn, Ed. Waltham, Mass.: Chronica Botanica; New York City: Stechert-Hafner, 1950. 230 pp. \$5.00.

Problems of Morphogenesis in Ciliates: The Kinetosomes in Development, Reproduction and Evolution. André Lwoff. New York: John Wiley; London: Chapman & Hall, 1950. 103 pp. \$2.50.

A History of Experimental Psychology. 2nd ed. Edwin G. Boring. New York: Appleton-Century-Crofts, 1950. 777 pp. \$6.00.

Cell Growth and Cell Function: A Cytochemical Study. Torbjørn O. Caspersson. New York: W. W. Norton, 1950. 185 pp. \$5.00.

Supersonic Aerodynamics: A Theoretical Introduction. Edward R. C. Miles. New York: McGraw-Hill, 1950. 255 pp. \$4.00.

Data and Circuits of Receiver and Amplifier Valves, Book III. Trans. by G. Ducloux. Eindhoven, Netherlands: Philips' Technical Library; New York: Elsevier, 1949. 409 pp. \$2.75.

Data and Circuits of Modern Receiver and Amplifier Valves, Book III. Trans. by G. Ducloux. Eindhoven, Netherlands: Philips' Technical Library; New York: Elsevier, 1949. 213 pp. \$1.90.

Electricity for Students of Science and Engineering. T. Townsend Smith. Scranton, Pa.: International Textbook, 1949. 410 pp. \$5.00.

Time and Its Mysteries, Series III. Henry Norris Russell et al. New York: New York Univ. Press, 1949. 126 pp. \$3.00.

Fundamentals of Physical Chemistry for Premedical Students. H. D. Crockford and Samuel B. Knight. New York: John Wiley; London: Chapman & Hall, 1950. 366 pp. \$4.25.

One Family: Vitamins, Enzymes, Hormones. Benjamin Harrow. Minneapolis, Minn.: Burgess Publ., 1950. 115 pp. \$2.00.