

Metallurgical Thermochemistry. O. Kubaschewski and E. L. Evans. New York: Academic Press; London: Butterworth-Springer, 1951. 368 pp. \$6.00.

Collected Papers in Psychology. Edward Chace Tolman. Berkeley, Calif.: Univ. California Press, 1951. 269 pp. \$4.50.

Advances in Biological and Medical Physics, Vol. II. John H. Lawrence and Joseph G. Hamilton, Eds. New York: Academic Press, 1951. 348 pp. \$7.80.

Fundamentals of Horticulture: A Textbook Designed for Courses in General Horticulture. J. B. Edmond, A. M. Musser, and F. S. Andrews. Philadelphia: Blakiston, 1951. 502 pp. \$5.50.

On the Origin of Species by Means of Natural Selection. Reprint of first edition. Charles Darwin. New York: Philosophical Library, 1951. 426 pp. \$3.75.

Nature and Human Nature: Man's New Image of Himself. Lawrence K. Frank. New Brunswick, N. J.: Rutgers Univ. Press, 1951. 175 pp. \$3.00.

Artificial Fibres. R. W. Moncrieff. New York: Wiley, 1950. 313 pp. \$4.50.

Paracelsus: Magic into Science. Henry M. Pachter. New York: Schuman, 1951. 360 pp. \$4.00.

An Index of Mediaeval Studies Published in Festschriften, 1865-1946: With Special Reference to Romanic Material. Compiled by Harry F. Williams. Berkeley, Calif.: Univ. California Press, 1951. 165 pp. \$4.00.

The Elements of Mathematical Logic. Paul C. Rosenbloom. New York: Dover, 1950. 214 pp. \$2.95.

Social Aspects of Illness. Carol H. Cooley, Philadelphia-London: Saunders, 1951. 305 pp. \$3.25.

Association Affairs

The Seventh Philadelphia Meeting December 26-31, 1951

Raymond L. Taylor

Assistant Administrative Secretary

PLANS for the 118th meeting of the American Association for the Advancement of Science in the city where it was founded, in 1848, are proceeding on schedule. As forecast in the Preliminary Announcement (*Science*, 113, 635 [1951]), there will be outstanding programs in every principal field of science. A new section, Section P—Industrial Science, overwhelmingly approved by a vote of the Council, will be inaugurated at this meeting.

Sectional Programs. All 18 of the Association's sections and subsections have developed plans for programs, largely of the symposium type. Sections also scheduling sessions for contributed papers include:

- Section C—Chemistry, Ed. F. Degering, Buckman Laboratories, Inc., 1256 North McLean Street, Memphis 8, Tennessee
- Section E—Geology and Geography, Leland Horberg, University of Chicago
- Section G—Botanical Sciences, Stanley A. Cain, University of Michigan
- Section H—Anthropology, Marian Smith, Columbia University
- Section I—Psychology, Delos Wickens, Ohio State University
- Subsection Nd—Dentistry, Russell A. Bunting, University of Michigan
- Subsection Np—Pharmacy, Glenn L. Jenkins, Purdue University
- Section Q—Education, Dean A. Worcester, University of Nebraska

Those who wish to read papers in one of the above sections should submit titles and abstracts to the respective secretaries before *September 30*. Most of the sectional programs will be held in Philadelphia's Municipal Auditorium, or "Convention Hall."

Programs of the Participating Societies. The details of the sessions of the societies meeting with the AAAS will appear at a later date. Most of these sessions will be in the downtown hotels, but exceptions include the symposium "Radioisotopes in Medicine," sponsored by the Oak Ridge Institute of Nuclear Studies; the demonstration sessions of the American Society of Zoologists; and the evening lectures of the National Geographic Society, Phi Beta Kappa, and Phi Kappa Phi—all of which are scheduled for Convention Hall or university auditoriums near by. The Convention Hall will also house the Main Registration and Information Center, the 150-booth Annual Exposition of Science and Industry, the AAAS Science Theatre, the Visible Directory of Registrants, a Holland-operated Restaurant, and the Biologists' Smoker.

LOCAL INSTITUTIONS PARTICIPATING IN THE PROGRAMS

Amateur Telescope Makers of The Franklin Institute
Bryn Mawr College, Department of Geology
City Planning Commission, City of Philadelphia
Drexel Institute of Technology, College of Engineering
Engineers' Club of Philadelphia
Fels Planetarium, The Franklin Institute
Pennsylvania Academy of Science
Philadelphia Botanical Club
Rittenhouse Astronomical Society
Swarthmore College, Division of Engineering
Towne Scientific School, University of Pennsylvania
University Museum, University of Pennsylvania
Villanova College, Department of Engineering

HOUSING AND REGISTRATION

The hotels of Philadelphia have pledged themselves to provide ample housing, at moderate rates, for those attending the 118th meeting. Housing will be handled by the Philadelphia Convention and Visitors Bureau. Special forms in triplicate that prevent errors and provide for "desired rate" and "maximum rate" will be used; confirmations will be made promptly. The large number of hotels cooperating ensures a wide latitude of choice.

Full-page announcements of these hotels, their rate schedules, and a coupon for room reservations will be found in the advertising pages of this issue of *SCIENCE* and in the September issue of *THE SCIENTIFIC MONTHLY*. Headquarters for the sections and participating societies follow:

HOTEL HEADQUARTERS

Bellevue-Stratford: AAAS; Press; AAAS Sections A, H, I, K, L, and Q; AAAS Cooperative Committee; Academy Conference; Biometric Society, Eastern North American Region; Society for American Archaeology; Society for Research in Child Development; American Home Economics Association, American Sociological Society, National Academy of Economics and Political Science, Pi Gamma Mu; Eastern Division of the American Philosophical Association, Philosophy of Science Association; American Association of Scientific Workers, American Library Association, Conference on Scientific Manpower, Honor Society of Phi Kappa Phi, National Association of Science Writers, Scientific Research Society of America, Sigma Delta Epsilon, Society of the Sigma Xi, Special Libraries Association, United Chapters of Phi Beta Kappa.

Benjamin Franklin: AAAS Sections F, G, N (including Subsections Nm, Nd, and Np), and O; American Society of Protozoologists, American Society of Zoologists, Herpetologists League, Society of Systematic Zoology; American Microscopical Society, American Society of Limnology and Oceanography, Beta Beta Beta, Ecological Society of America, Genetics Society of America; Botanical Society of America; Alpha Epsilon Delta; American Association of Colleges of Pharmacy, American College of Apothecaries, American Pharmaceutical Association, American Society of Hospital Pharmacists.

Adelphia: National Association of Biology Teachers; National Science Teachers Association; American Nature Study Society.

John Bartram: AAAS Sections B, C, D, and E; American Meteorological Society, Oak Ridge Institute of Nuclear Studies; National Geographic Society, National Speleological Society. (Register at Bellevue-Stratford or Convention Hall.)

Sylvania: AAAS Sections M and P; American Industrial Hygiene Association. (Register at Bellevue-Stratford or Convention Hall.)

The following additional hotels are available for sleeping rooms:

Barclay (600 rooms), Rittenhouse Sq., E.
Drake (700 rooms), 1512 Spruce St.
Essex (225 rooms), 13th & Filbert Sts.
Penn Sheraton (600 rooms), 39th & Chestnut Sts.
Ritz-Carlton (200 rooms), Broad & Walnut Sts.
Robert Morris (200 rooms), 17th & Arch Sts.
St. James (125 rooms), 13th & Walnut Sts.
Warwick (900 rooms), 17th & Locust Sts.

Guests in these hotels should register at Convention Hall or the Bellevue-Stratford.

ADVANCE REGISTRATION

The Council of the Association favors retaining Advance Registration, which has obvious advantages—provided programs are not delayed by heavy preholiday mail. Last year's experiment of sending the 304-page General Program early in December by first-class mail was so successful that it will be done again this year. A full-page announcement on Advance Registration and an accompanying coupon will be found in the advertising pages of this issue of *SCIENCE* and in the September issue of *THE SCIENTIFIC MONTHLY*. Coupons for Advance Registration can be accepted through December 6. Facilities for registration at the meeting will open Wednesday, December 26. AAAS registration fees have not changed—they are still \$2.00 for members, for husbands or wives of registrants, and for bona fide students; and \$3.00 for non-members. An additional 25¢ for advance registration partly covers first-class mailing costs.

THE LOCAL COMMITTEE

It would be impossible to make successful arrangements for the large and complex meetings of the Association, to ensure the smooth operation of each session, to secure adequate local public information, and to finance the meetings without the very considerable personal services of members of the local committee, and they merit the unstinted appreciation of all who attend. At this time, the following have assumed definite responsibilities:

Honorary General Chairman: *Edward Hopkinson, Jr.*, Drexel & Co.

General Chairman: *James Creese*, president, Drexel Institute of Technology.

Executive Committee: *James Creese*, president, Drexel Institute of Technology, *chairman*; *Allen T. Bonnell*, vice president, Drexel Institute of Technology, *secretary*; *Henry B. Allen*, executive vice president and secretary, The Franklin Institute; *Walter H. Annenberg*, publisher, Philadelphia *Inquirer*; *George B. Beitzel*, president, Pennsylvania Salt Manufacturing Company; *Henry Bryans*, president, Philadelphia Electric Company; *Richard H. DeMott*, president, SKF Industries, Inc.; *Hugh W. Field*, vice president and general manager, Atlantic Refining Company; *John M. Fogg, Jr.*, vice provost, University of Pennsylvania; *Wilfred D. Gillen*, president, Bell Telephone Company of Pennsylvania; *Albert M. Greenfield*, president, Albert M. Greenfield & Company; *Edward Hopkinson, Jr.*, Drexel & Co.; *C. Mahlon Kline*, president, Smith, Kline & French Laboratories; *Harry A. Kuljian*, president, The Kuljian Corporation; *M. Albert Linton*, president, Provident Mutual Life Insurance Co.; *Thomas McCabe*, president, Scott Paper Company; *Richard T. Nalle*, president, The Midvale Company; *Charles S. Redding*, president, Leeds & Northrup Company; *R.*

W. Slocum, general manager, Philadelphia Evening Bulletin; and *Steven M. Spencer*, associate editor, Curtis Publishing Company.

Subcommittee on Exhibits: *Hugh W. Field*, vice president and general manager, Atlantic Refining Company, chairman; *Lycurgus Laskaris*, director, Crude Oil Production Division, Atlantic Refining Company, secretary; *L. Earle Arnow*, director of research, Sharp & Dohme, Inc.; *K. R. Brown*, vice president, Atlas Powder Company; *Foster C. Nix*, professor of physics, University of Pennsylvania; *S. C. Ogburn, Jr.*, manager, research and development, Foote Mineral Company; *Emil Ott*, director of research, Hercules Powder Company; *J. R. Sabina*, technical manager, Petroleum Chemical Division, E. I. du Pont de Nemours & Company, Inc.; *T. P. Simpson*, director of research and development, Socony-Vacuum Oil Company, Inc.; *I. Melville Stein*, executive vice president, Leeds & Northrup Company; *W. Furness Thompson*, vice president in charge of research, Smith, Kline & French Laboratories; *Charles S. Venable*, director of chemical research, American Viscose Corporation; *P. A. Wells*, director, Eastern Regional Laboratory, U. S. Department of Agriculture; and *W. E. Zieber*, director of research, York Corporation.

Subcommittee on Local Public Information: *Steven M. Spencer*, chairman; *Pierre C. Fraley*, science writer, Philadelphia Evening Bulletin; *Henry L. Herbert*, director of news bureau, University of Pennsylvania; *William F. Irwin*, executive secretary, Philadelphia County Medical Society; *Harold Le Duc*, vice president, Bell Telephone Company of Pennsylvania; *John M. McCullough*, staff writer, Philadelphia Inquirer; *Joseph F. Nolan*, medical editor, Philadelphia Inquirer; *G. F. Roll*, director of public relations, Smith, Kline & French Laboratories; and *John D. Scheuer, Jr.*, assistant general manager, Station WFIL-TV.

Subcommittee on Physical Arrangements: *John M. Fogg, Jr.*, vice provost, University of Pennsylvania, chairman; *Gladys Benner*, Philadelphia Board of Education; *Harold F. Bernhardt*, Temple University; *James A. Fowler*, Academy of Natural Sciences of Philadelphia; *William H. Gardiner*, supervisor, student agencies, University of Pennsylvania; *Mrs. Gloria C. Gossling*, The Franklin Institute; *Charles L. Parmenter*, University of Pennsylvania; *Hugh M. Shafer*, University of Pennsylvania; and *William A. Shaw*, University of Pennsylvania.

General Reception Committee: In addition to the foregoing, the following are members of the General Reception Committee: *J. Harold Austin*, executive secretary, College of Physicians of Philadelphia; *John R. Bates*, director in charge of research, Sun Oil Company; *H. K. Bauerfeind*, president, J. B. Lippincott Company; *Robert F. Beard*, vice president, McGraw-Hill Book Company, Inc.; *Charles Berwind*, president, World Affairs Council of Philadelphia; *Elmer K. Bolton*, formerly director, Chemical Department, E. I. du Pont de Nemours & Company, Inc.; *Herice M. Bond*, president, Lincoln University; *Mother Mary Boniface*, president, Rosemont College; *Francis Boyer*, executive vice president, Smith, Kline & French Laboratories; *Millard Brown*, vice president, Continental Mills; *Revelle W. Brown*, president, Reading Railroad; *Richard P. Brown*, chairman of board, Brown Instrument Company; *W. A. Buck*, vice president and general manager, Radio Corporation of America; *Edward G. Budd, Jr.*, president, The Budd Company; *Vincent L. Burns*, president, Immaculata College; *Martin W. Clement*, chairman of board, Pennsylvania Railroad

Company; *Ralph Connor*, vice president of research, Rohm & Haas Company; *Clement V. Conole*, Chamber of Commerce of Greater Philadelphia; *John Curtin, Jr.*, president, Warner Company; *Jacob S. Disston, Jr.*, president, Henry Disston & Sons, Inc.; *William H. DuBarry*, executive vice president, University of Pennsylvania; *Joseph L. Eastwick*, president, James Lees & Sons Company; *E. W. Engstrom*, vice president, R. C. A. Laboratories; *Marion Fay*, dean, Woman's Medical College of Pennsylvania; *Clifford E. Frishmuth*, president, Supplee-Wills-Jones Milk Company; *R. E. Garrett*, general manager, Philadelphia Division, Gulf Oil Corporation; *A. A. Garthwaite, Sr.*, president, Lee Tire & Rubber Company of New York Inc.; *Thomas S. Gates, Jr.*, Drexel & Co.; *Emerson Greenway*, head librarian, Free Library of Philadelphia; *Ivor Griffith*, president and dean, Philadelphia College of Pharmacy & Science; *Orville F. Haas*, vice president, General Electric Company; *Bertrand W. Hayward*, director, Philadelphia Textile Institute; *R. B. Holmes*, general manager, Link-Belt Company; *Louis P. Hoyer*, superintendent of schools; *Frank K. Hyatt*, president, Pennsylvania Military College; *Edward G. Jacklin*, president, St. Joseph's College; *Robert Livingston Johnson*, president, Temple University; *James L. Kauffman*, president, Jefferson Medical College; *Ralph Kelly*, The Sheraton Hotel; *Ridgway Kennedy, Jr.*, president, Abbotts Dairies, Inc.; *Fiske Kimball*, director, Philadelphia Museum of Art; *Raymon M. Kistler*, president, Beaver College; *Edmund L. Lauber*, executive vice president, No Mend Hosiery, Inc.; *John Frederick Lewis, Jr.*, Lewis, Wolff and Gourlay; *Harry V. Masters*, president, Albright College; *Katharine E. McBride*, president, Bryn Mawr College; *Norman E. McClure*, president, Ursinus College; *L. T. McCurdy*, vice president, Container Corporation of America; *F. X. N. McGuire*, president, Villanova College; *William Meinel*, president, Heintz Manufacturing Company; *John McK. Mitchell*, dean, University of Pennsylvania School of Medicine; *David W. E. Morgan*, vice president, Westinghouse Electric Corporation; *John W. Nason*, president, Swarthmore College; *Leon N. Neulen*, superintendent of schools, Camden, New Jersey; *L. Stauffer Oliver*, president, Hahnemann Medical College & Hospital; *Brother G. Paul*, president, LaSalle College; *William H. Perkins*, dean, Jefferson Medical College; *F. N. Piasecki*, chairman of the board, Piasecki Helicopter Corporation; *Paul S. Pittenger*, vice president, Sharp & Dohme, Inc.; *J. Edgar Rhoads*, J. E. Rhoads & Sons; *Alfred N. Richards*, University of Pennsylvania, School of Medicine; *Harold R. Rice*, dean, Moore Institute of Art, Science & Industry; *Lawrence Saunders*, president, W. B. Saunders Publishing Company; *Marvin W. Smith*, executive vice president, Baldwin-Lima-Hamilton Corporation; *Harold E. Stassen*, president, University of Pennsylvania; *Henderson Supplee*, executive vice president, Atlantic Refining Company; *W. F. G. Swann*, director, Bartol Research Foundation; *A. W. Swartz*, president, Linear, Inc.; *Charles S. Swope*, president, West Chester State Teachers College; *Clarence Tolan, Jr.*, president, Dodge Steel Company; *Rudolph Voegler*, Chamber of Commerce; *Edward Warwick*, dean, Philadelphia Museum School of Art; *Martin D. Whitaker*, president, Lehigh University; *Gilbert F. White*, president, Haverford College; *George W. Whitwell*, vice president, Philadelphia Electric Company; *A. H. Williams*, president, Federal Reserve Bank of Philadelphia; *Leslie J. Woods*, vice president, research and engineering, Philco Corporation.