

From these measurements deductions were made regarding the temperature prevailing in the uppermost layers of the atmosphere. Dr. C. C. Kiess, of the National Bureau of Standards, obtained an excellent flash spectrum and presented the results of photographic photometric measurements of the relative intensities of the members of the Balmer series and other groups of related lines. T. R. Gilliland, also of the National Bureau of Standards, obtained measurements of the effective heights of the ionosphere during the total and partial phases of the eclipse. Colored motion pictures, made by Richard H. Stewart, of the National Geographic Society, showed the work of the expedition at the eclipse site.

THE ENGINEERS' DEFENSE BOARD

THE establishment of the Engineers' Defense Board, a new working organization of engineers and technologists from the several national engineering societies to deal with technical problems on shortages, substitutions, conservation, raw materials, production and reclamation in the nation-wide adjustment under the impact of the defense effort, was reported in last week's issue of SCIENCE. Members of the board include:

American Society of Civil Engineers: Carlton S. Proctor, consulting engineer, executive committee representative; Richard E. Dougherty, vice-president, Improvements and Developments, New York Central System; Charles F. Goodrich, chief engineer, American Bridge Company; Robert R. McMath, chairman of the board, Motors Metal Manufacturing Company; J. P. H. Perry, vice-president, Turner Construction Company.

American Institute of Mining and Metallurgical Engineers: John F. Thompson, executive vice-president, International Nickel Company, executive committee representative; Zay Jeffries, technical director, Lamp Department, General Electric Company; Wilber Judson, vice-president, Texas Gulf Sulphur Company; Frederick Laist, metallurgical manager, Anaconda Copper Mining Company; Wilfred Sykes, president, Inland Steel Company.

American Society of Mechanical Engineers: R. M. Gates, president, Air Preheater Company, executive committee representative; H. V. Coes, Industrial Department, Ford, Bacon and Davis, Inc.; K. H. Condit, dean of engineering, Princeton University; J. W. Parker, vice-president and chief engineer, Detroit Edison Company; W. R. Webster, chairman of board, Bridgeport Brass Company.

American Institute of Electrical Engineers: H. H. Barnes, Jr., General Electric Company, executive committee representative; C. A. Adams, E. G. Budd Manufacturing Company; C. B. Jolliffe, Radio Corporation of America; R. L. Jones, Bell Telephone Laboratories; Phillips Sporn, vice-president in charge of engineering, American Gas and Electric Service Corporation.

Society of Automotive Engineers: C. L. McCuen, vice-

president and chief engineer, General Motors Corporation, executive committee representative; Rex B. Beisel, chief engineer, Vought-Sikorsky Aircraft Corporation; C. E. Frudden, Allis Chalmers Company; Arthur Nutt, vice-president, Wright Aeronautical Corporation; James C. Zeder, chief engineer, Chrysler Corporation.

American Institute of Chemical Engineers: F. W. Wilard, president, Nassau Smelting and Refining Company, executive committee representative; Webster Jones, Carnegie Institute of Technology; R. L. Murray, vice-president, Hooker Electrochemical Company; A. J. Weith, manager of research, Bakelite Corporation; R. E. Wilson, president, Pan American Petroleum Transport Company.

Serving as officers of the Engineers' Defense Board are Robert E. McConnell, OPM consultant, *chairman*; Dr. Harry Rogers, president of the Polytechnic Institute of Brooklyn, *vice-chairman*, and Dr. A. B. Parsons, secretary of the American Institute of Mining and Metallurgical Engineers, *secretary*.

THE "B-COMPLEX" AWARD OF MEAD JOHNSON AND COMPANY

NOMINATIONS are solicited for the 1942 award of \$1,000 established by Mead Johnson and Company to promote researches dealing with the B-complex vitamins. The recipient of this award will be chosen by a Committee of Judges of the American Institute of Nutrition and the formal presentation will be made at the annual meeting of the institute at Boston on April 1.

The award will be given to the laboratory (non-clinical) or clinical research worker in the United States or Canada who, in the opinion of the judges, has published during the previous calendar year, January 1 to December 31, the most meritorious scientific report dealing with the field of the "B-complex" vitamin. While the award will be given primarily for publication of specific papers, the judges are given considerable latitude in the exercise of their function. If in their judgment circumstances and justice so dictate, it may be recommended that the prize be divided between two or more persons. It may also be recommended that the award be made to a worker for valuable contributions over an extended period, but not necessarily representative of a given year. Membership in the American Institute of Nutrition is not a requisite of eligibility for the award.

To be considered by the committee, nominations for this award for work published in 1941 must be in the hands of the secretary of the American Institute of Nutrition, Arthur H. Smith, Wayne University College of Medicine, Detroit, Mich., by January 10. The nominations should be accompanied by such data relative to the nominee and his research as will facilitate the task of the committee in its consideration of the nomination.