

tion." Dr. F. W. Reeves will report on the work of the President's Advisory Committee on Education, Dr. H. F. Alves on "State and Local Units in Ten States," and Walter C. Eells on "The Cooperative Study of Secondary School Standards." There will also be a report on the American Youth Commission. A symposium is being organized on "Problems of Interpretation of Educational Research," under the chairmanship of Dr. W. H. Bristow. There will be a round-table discussion on "Mental Hygiene in Education," led by Dr. Garry C. Myers. On Wednesday afternoon the section will hold a joint session with the Section on Psychology under the chairmanship of Dr. Frank A. Geldard, at which papers will be presented by Drs. Joseph Zubin, F. H. Lewis, F. P. Robinson, Henry F. Dickinson, Richard H. Henneman, Arnold Gesell and J. E. Greene and R. T. Osborne. At the joint dinner with the Section on Psychology on Wednesday evening, Dr. Ralph W. Tyler will deliver his address as retiring vice-president of the association and chairman of the section on "Basic Considerations in the Improvement of Educational Tests."

OTHER PROGRAMS

American Science Teachers' Association. On Wednesday evening the society will hold a dinner and conference, and on Thursday morning it will present a program of three papers, with Dr. W. L. Eikenberry presiding, the papers being by Dr. Philip R. White on plant physiology, Dr. Charles S. Piggot on the bottom of the ocean, and Dr. Harlan T. Stetson on solar activities. On Thursday the society will hold a luncheon, with Dr. Otis W. Caldwell presiding and Dr. Wesley C. Mitchell, president of the association, as its speaker. On Thursday afternoon the society will hold a session, Harry A. Carpenter presiding, in which Jerome Isenbarger, Hanor A. Webb and Karl F. Oerlein will speak.

The Sigma Delta Epsilon fraternity will hold a luncheon for members and guests on Wednesday noon.

The American Nature Study Society will hold meetings on Wednesday and Thursday. On Wednesday morning there will be a nature study program of miscellaneous topics, on which the speakers will be Drs. P. L. Ricker, Frank Thone and William A. Matheny. On Wednesday afternoon the subject will be "The Conservation of Wild Life." Dr. David E. Russell will deliver an address introductory to a panel discussion under the chairmanship of Dr. E. Laurence Palmer. The participants in the discussion will be Drs. Harry Cunningham, James W. McArthur, F. L. Ricker, Malvina Trussell, Charles Quaintance, C. W. Pomerat and Paul B. Sears. On Thursday morning the society will celebrate the thirtieth anniversary of its organization, the speakers being former presidents of the society. Dr. Edith Patch, presiding, will discuss "Looking Forward." Dr. Otis W. Caldwell will follow on "What Seems to be Ahead"; Dr. William G. Vinal, on "The New Nature Guide School of Massachusetts State College"; Dr. Morrison R. Van Cleve, on "In Defence of the Nature Study Idea"; Dr. George Rex Green, on "Teacher Training for Nature Study and Science"; Dr. Bertha Chapman Cady, on "A Northerner Looks at Nature in Tropical Florida"; Dr. Alfred Satterthwait, on "The Society and the Amateur"; and Dr. E. Laurence Palmer on "Cycles and Sequences in the Philosophy of Nature Study." On Thursday at one o'clock there will be a luncheon, at which Drs. Carroll Lane Fenton and F. R. Moulton will speak.

The seventeenth Annual Lecture presented under the joint auspices of the Society of the Sigma Xi and the association will be delivered on Wednesday evening by Dr. W. F. Durand on "Modern Trends in Air Transport."

The United Chapters of Phi Beta Kappa on Thursday evening will present the fourth of its series of annual lectures at a meeting of the association. The speaker will be Dr. Frank P. Graves on the subject, "Is Education a Science?"

SCIENTIFIC EVENTS

BIBLIOFILM SERVICE IN THE GEOLOGICAL SURVEY

To give research workers throughout the country access to further materials for their work, a Bibliofilm Service has been opened in the Library of the Geological Survey, Washington, D. C. Through the courtesy of Guy E. Mitchell, librarian, it is now possible for a scholar anywhere to have copied any properly copyable extracts from the quarter million books, journals and rare materials in the library, as well as many of its fifty thousand maps.

Bibliofilm Service is operated on a non-profit basis by the American Documentation Institute under a co-operative agreement with the Library of the U. S. Department of Agriculture, and also maintains copying installations in that library and in the Army Medical Library. It acts as a national clearing house for copying orders for research materials, filling them through its own and other services, for materials in substantially all Washington and Baltimore libraries, bureaus and institutions and in other cities here and abroad.

Copying is done in either of two forms: microfilm (a series of still images on 35 mm. standard safety photographic film comfortably usable in reading machines now widely available) at 1 cent per page, plus a fixed service charge of 20 cents; or in the form of photoprints (6×8 in. legible without optical aid) at 10 cents per page, plus service charge of 20 cents.

Inquiry should be in the form of a definite order for the copying of specific materials; if available and properly copyable, the order will be filled. Order blanks making a letter unnecessary are available free on request. Remittance must accompany order, or an amount of \$5 or more may be sent to open the usual deposit account, which saves the necessity of remitting small sums. Information on reading machines may be obtained from Science Service, Washington, D. C., who also supply a hand viewer invented by Dr. Atherton Seidell, suitable for reading short extracts.

The additional resources now opened to research workers everywhere, through Bibliofilm Service in the Geological Survey Library, comprise everything properly copyable among over 250,000 volumes, including geology, mining, paleontology, mineralogy, chemistry, 50,000 geologic and other maps, United States and foreign; some 1,200 foreign and domestic periodicals and serials, including reports of State Surveys and Mining Bureaus, all governmental publications on the above subjects and the geological publications obtained by exchange from every foreign government. There are many surprising finds; items not duplicated in any other American library; some exceedingly rare and useful aggregations.

Remittance for copying material in the Geological Library, or material in other fields in other libraries, should be made payable to the American Documentation Institute, and all orders for copying should be mailed to Bibliofilm Service, care U. S. Department of Agriculture Library, Washington, D. C.

ESTABLISHMENT OF THE FRANK P. BROWN MEDAL OF THE FRANK- LIN INSTITUTE

THE Franklin Institute announces the establishment of a silver medal, to be known as the Frank P. Brown Medal, to be awarded to "inventors for inventions and discoveries involving meritorious improvements in the building and allied industries." In a statement made by Dr. Henry Butler Allen, secretary of the institute, speaking on behalf of the Board of Managers, he said that the expression "building and allied industries" is intended to include design and construction of buildings as well as appurtenant equipment within this industry.

Mr. Brown, who left the fund for this medal, was engaged in the plumbing business and metal manufacturing. He became a member of the Franklin In-

stitute in 1875. He served on the Committee on Science and the Arts from 1879 to 1910, was reelected in 1933 and continued a member until his death. He was chairman of the Jury on Lighting at the National Export Exposition conducted by the institute and the Commercial Museum in 1899.

Medals which have been recommended and duly approved are awarded on "Medal Day," an annual event taking place in the month of May. A subject may be investigated if the project is presented in writing to the secretary of the Committee on Science and the Arts, made up of leaders in the fields of engineering, physics, chemistry, astronomy, metallurgy and professional business men of established reputation. Full and complete information must be submitted together with copies of such patents as may have been granted. If a careful and thorough preliminary examination of the matter discloses the subject to possess real value and to embody distinctly new principles, it is considered by a group of experts. Should a favorable recommendation be made, the case, upon ratification by the committee, may subsequently be referred to a small group of specialists for thorough and searching study.

In 1824, the year The Franklin Institute was founded, this committee was organized under the name of "Committee on Inventions," and its name was changed ten years later to "Committee on Science and the Arts." It has functioned without interruption for a period of one hundred and fourteen years, in the course of which it has passed upon upwards of 3,000 cases and has determined important awards. Among those who have been recipients of various medals are Alexander Graham Bell, Juan de la Cierva, Thomas A. Edison, Charles F. Kettering, Guglielmo Marconi and Elmer A. Sperry. The medals under the jurisdiction of the group are the Franklin Medal, the Elliott Cresson Medal, the Howard N. Potts Medal, the Louis Edward Levy Medal, the George R. Henderson Medal, the Walton Clark Medal, the John Price Wetherill Medal and the Edward Longstreth Medal. A certificate of merit is also recommended by this committee.

MEAD JOHNSON AND COMPANY "B-COMPLEX" AWARD

IN order to promote interest in researches dealing with the water-soluble "B-complex" vitamins, Mead Johnson and Company have established an annual award of \$1,000 to be given over a period of five years through the medium of the American Institute of Nutrition. The institute, through an appropriate committee of judges selected from its membership, will name the recipient of this award; the formal presentation of it will be made as part of the program of the annual meeting held each spring.