

of physiological chemistry, University of Pennsylvania; and A. F. Woods, botanist, president of Maryland State College of Agriculture.

This committee will devote its attention and activities to the solution of important problems connected with the nutritional values and most effective grouping and preparation of foods, both for human and animal use. Special attention will be given to national food conditions and to comprehensive problems involving the coordinated services of numerous investigators and laboratories. The committee, with the support of the council, is arranging to obtain funds for the support of its researches, and will get under way, just as soon as possible, certain specific investigations already formulated by individual committee members and sub-committees. These include studies of the comparative food values of meat and milk and of the conditions of production of these foods in the United States, together with the whole problem of animal nutrition; the food conditions in hospitals, asylums and similar institutions; the nutritional standards of infancy and adolescence; the formation of a national institute of nutrition; and other problems of similarly large and nationally important character.

THE ELIZABETH THOMPSON SCIENCE FUND

At a meeting of the trustees of the Elizabeth Thompson Science Fund, held on Thursday, November 20, the following grants were voted: two hundred and fifty dollars to Professor Duncan S. Johnson, of Johns Hopkins University, for studies on the Development, Persistence and Growth of the Cactaceæ and Certain Myrtaceæ; two hundred dollars to Professor Antonio Pensa, of the University of Sassari, Italy, for investigations on the Cytology of Vegetable Cells; and three hundred dollars to Professor Lawrence J. Henderson, of Harvard University, for a research on the Heats of Reaction of Oxygen and Carbon Dioxide with Hæmoglobin solutions.

The Elizabeth Thompson Science Fund has been serviceable for many years in giving aid, by small grants, to research which otherwise might not be readily undertaken. The grants

are made only for scientific investigations and must be applied to actual expenses of the research, *i. e.*, they are not made to support an investigator or to meet the ordinary expenses of publication. The trustees give preference to researches involving international cooperation. The grants are not made for researches of narrow or merely local interest, nor are they available for equipment of private laboratories or for purchase of apparatus ordinarily to be found in scientific institutions. Applications for grants from this fund should be made before January 15, 1920, to Professor W. B. Cannon, secretary of the trustees of the fund, Harvard Medical School, Boston, Mass.

ENDOWMENT OF THE MEDICAL SCHOOL OF VANDERBILT UNIVERSITY

ANNOUNCEMENT is made that the General Education Board of New York, has appropriated the sum of \$4,000,000 for the purpose of enabling the Vanderbilt University to effect an entire reorganization of its medical school, in accordance with the most exacting demands of modern medical education.

The faculty of the medical school has for some years been urging upon the trustees of the university the necessity of radical and thoroughgoing organization, and it is promised its hearty and unconditional cooperation in the establishing of a new school of medicine in Nashville, as an integral department of Vanderbilt University.

Detailed plans for the new school have not as yet been developed, but they will unquestionably involve the completion of the present Galloway Memorial Hospital, with enlarged faculties for public patients, the erection in the near future of an additional hospital unit, the organization of a modern laboratory building, and the appointment of an increased number of professors, giving their entire time to the school and hospital, in both laboratory and clinical branches. Thus, not only will the endowment of the medical school be very greatly increased, but it will start its career with a modern and up-to-date plant—laboratory as well as hospital.

It is stated that this contribution by the

general education board comes from the general funds of the board, and not out of Mr. Rockefeller's recent donation of \$20,000,000 for the promotion of medical education in the United States. The gift was in fact determined on before Mr. Rockefeller's recent gift was known.

**THE ST. LOUIS MEETING OF THE AMERICAN
ASSOCIATION FOR THE ADVANCEMENT
OF SCIENCE**

THE opening general session of the association will be held on Monday night, December 29, at 8 P.M. in the Assembly Room of the Soldan High School. Dr. Simon Flexner, director of the laboratories of the Rockefeller Institute for Medical Research, will preside. General announcements concerning the meeting will be made, the revised constitution of the association will be presented for vote and the retiring president, Professor John Merle Coulter, of the University of Chicago, will deliver his address on "The Evolution of Botanical Science." The meeting will be followed by an informal reception to members of the American Association and of affiliated societies.

Registration headquarters, permanent and assistant secretaries' offices, meetings of the council, and all sessions of the association and the affiliated societies will be held in the Soldan High School. A directory will be conveniently placed in the main lobby and each room will be placarded indicating the various sessions.

There will be an information booth in Union station, where directions will be given for reaching hotels and meeting place. An attendant will be at booth at the time of arrival of all important trains on Sunday, Monday and Tuesday, December 28, 29 and 30. Hotel Statler will be the general headquarters. The local executive committee consists of George T. Moore, Alexander S. Langsdorf, Augustus G. Pohlman, John W. Withers and John M. Wulfinf.

SCIENTIFIC NOTES AND NEWS

THE Royal Society has awarded its medals as follows: Royal medals to Professor J. B. Farmer for his work on plant and animal

cytology, and to Mr. J. H. Jeans for his researches in applied mathematics; the Copley medal to Professor W. M. Bayliss for his contributions to general physiology and to biophysics; the Davy medal to Professor P. F. Frankland for his work in chemistry, especially that on optical activity and on fermentation; the Sylvester medal to Major P. A. MacMahon for his researches in pure mathematics, especially in connection with the partition of numbers and analysis; and the Hughes medal to Dr. C. Chree for his researches on terrestrial magnetism.

DR. CHARLES D. WALCOTT, secretary of the Smithsonian Institution, has been elected an associate member of the Paris Academy of Sciences.

HONORARY membership diplomas and medals have been conferred by the Antwerp Zoological Society upon Professor Henry F. Osborn, president of the New York Zoological Society, and Dr. William T. Hornaday, director of the New York Zoological Garden, in testimony of its gratitude for a gift of animals sent to the Antwerp Garden.

DR. RAYMOND PEARL, professor of biometry and vital statistics in the School of Hygiene and Public Health of the Johns Hopkins University has been appointed statistician to the Johns Hopkins Hospital.

DR. WALTER VAN DYKE BINGHAM, director of the division of applied psychology of the Carnegie Institute of Technology, has been elected first chairman of the division of anthropology and psychology of the National Council of Research, and has been granted half-time leave until July 1, 1920.

DR. PAUL G. WOOLEY, professor of pathology in the college of medicine of the University of Cincinnati, has resigned.

LIEUTENANT COLONEL COERT DUBOIS, district forester at San Francisco, California, has resigned from the U. S. Forest Service and entered the Consular Service. Colonel DuBois has been a member of the Forest Service since 1900.

ELLSWORTH Y. DOUGHERTY has been appointed mining geologist in southern Oregon