

spects the seed sold by dealers to detect the seeds of noxious weeds and other foreign matter, conducts corn contests for young people, and cooperates with the farms of state and county institutions in demonstrating to the farmers of the neighborhood the best methods of handling their crops, from seeding to harvesting. For a state so recently redeemed from forest to agricultural use, the stump removal investigations of the extension department are of importance, as are also the lines of work in cranberry culture for the marsh districts, the extension farmers' courses, held for several days at a time in communities remote from the college, often in connection with homemakers' conferences under the auspices of the home economics department.

The department of agricultural economics has begun an investigation of the cost of farm products through a system of blanks to be filled out daily by farmers in typical portions of the state and tabulated at the close of the year by the department in cooperation with the U. S. Department of Agriculture. An employment bureau for graduates and former students of the college is also maintained by the department of agricultural economics through which farmers, dairymen and stock raisers can secure the services of young men especially trained for the branch of work for which they are desired.

Plans for the construction of farm buildings are prepared by the department of agricultural engineering, while the soils department promotes the reclamation of waste swamps through the organization of drainage districts, tests soils to find what form of fertilizer they need and advises as to crop-rotation to renew exhausted wheat lands. An improvement in the breeds of horses raised in Wisconsin has resulted from the stallion licensing system of the department of horse breeding, as improvement in other kinds of farm stock has come from the work of the animal husbandry department in forming dairy cattle breeders' associations, sheep and swine breeding societies and live stock judging contests.

Cooperating with the State Live Stock

Sanitary Board and the State Veterinarian, the department of agricultural bacteriology investigates outbreaks of animal diseases with a view to control and elimination, as well as the causes of bad water supplies for villages and cities. The post-mortem tuberculosis demonstrations of the department at county and state fairs and other meetings have been a means of education to thousands of people as to the serious nature of the disease and the necessity and means of prevention.

Improvement in dairying through the distribution of starters for the making of butter and cheese, the testing of milk and cream, and monthly exhibitions at the dairy school where butter and cheese is scored as to its merits and defects has been an accomplished aim of the dairying department of the extension service, while the chemistry department has also assisted in this work through its tests of dairy cows as to production, to help farmers to weed out the poor producers. The inspection of feeds and fertilizers according to recent license laws has protected the farmers from the harmful ingredients often found in such commercial products before the department undertook the work. These means employed by the Agricultural College are aimed toward reaching the 200,000 farmers of the state with the results of the scientific investigations of the college and experiment station laboratories.

THE GEORGE WASHINGTON MEMORIAL BUILDING

WE are requested to print the following letter calling the attention of members of the American Association for the Advancement of Science to the plan for the construction and endowment of a building in Washington to be used as headquarters for our national scientific organizations:

WASHINGTON, D. C.,
June 1, 1909.

DR. L. O. HOWARD,

Permanent Secretary, A. A. S.

Dear Sir: I take great pleasure in bringing to your attention the project of the "George Washington Memorial Association" for the erection of

a building in the City of Washington to be known as the George Washington Memorial Building in commemoration of our first president and his interest in science and higher education in America.

At the present time there are no suitable facilities for bringing together at Washington the national patriotic, scientific, educational, literary and art activities. The association proposes to secure funds necessary for the erection of a building, well located, attractive in appearance, practical in plan and construction, and of the most durable character. It is to be planned so as to furnish a home and gathering place for national patriotic, scientific, educational, literary and art organizations that may need such accommodations, including the Washington Academy of Sciences and its sixteen affiliated societies. It will furnish a place where all the patriotic societies, both north and south, may testify to their love for the father of this country. The building will contain a great hall, or auditorium, and rooms for large congresses, such as the recent Tuberculosis Congress; rooms for small and large meetings; office rooms and students' research rooms.

In addition to the Memorial Building it is intended to secure an endowment adequate for its maintenance.

The advantages of a permanent home for the American Association for the Advancement of Science are too obvious to require further comment. The project has received the endorsement of the National Academy of Sciences, the Washington Academy of Sciences and its affiliated societies, the Association of Physicians and Surgeons, the National Association for the Study and Prevention of Tuberculosis and other national scientific and art organizations.

The George Washington Memorial Association is conducting an active campaign and is meeting with gratifying success in its efforts to obtain subscriptions.

To the scientific organizations of this country, and to our association, which is in need of a permanent home, such a building has an especial value, and members are urgently requested to cooperate in securing contributions.

While large subscriptions are desirable, I invite your favorable consideration to the following extracts from the appeal for the building fund.

This building must be the nation's tribute to Washington. Every one of us must have a part in it. I ask you to contribute one dollar each to this building, and in this way we will accomplish a most patriotic purpose and also have provided for carrying out in the highest sense the great

thought of Washington, which as yet has not been recognized by the American people in any concrete form. A receipt with engraved head of Washington will be sent to each contributor and the name and address of each contributor will be entered in the permanent record of this great undertaking. The entrance fee shall be five dollars, which will cover the dues for the first year, to be remitted to the treasurer. The annual dues shall be two dollars, payable on or before the thirtieth day of January.

SUSAN WHITNEY DIMOCK,
*President George Washington
Memorial Association*

It affords me great pleasure to second this appeal, and to request that you mail your contributions to Dr. L. O. Howard, Smithsonian Institution, Washington, D. C., so that in due time they may be transmitted as the offering of the members of the American Association for the Advancement of Science to a great and worthy cause.

Very respectfully yours,
DAVID STARR JORDAN,
President A. A. A. S.

SCIENTIFIC NOTES AND NEWS

As has already been noted the Royal Society has this year awarded its Copley medal to Dr. G. W. Hill, For.Mem.R.S., for his researches in mathematical astronomy; other awards are royal medals to Professor A. E. Love, F.R.S., for his researches in the theory of elasticity and cognate subjects and to Major Ronald Ross, F.R.S., for his researches in connection with malaria; the Davy medal to Sir James Dewar, F.R.S., for his researches at low temperatures, and the Hughes medal to Dr. R. T. Glazebrook, F.R.S., for his researches on electrical standards.

THE honors awarded on the occasion of King Edward's birthday include the following: Privy councillor, Sir Henry Roscoe, F.R.S.; knights, Professor W. A. Tilden, F.R.S., professor of chemistry and dean of the Royal College of Science, London, and Mr. E. H. Shackleton, the leader of the recent antarctic expedition. Professor A. H. Church, F.R.S., professor of chemistry in the Royal Academy of Arts, has been appointed a knight commander of the Royal Victorian Order (K.C.V.O.). Mr. T. L. Heath, Sc.D.,