

Section N (Medical Sciences). In his last will and testament he wrote, "I give and bequeath to the American Association for the Advancement of Science, a Massachusetts corporation, the sum of ten thousand dollars, to be added to and become a part of its endowment fund."

As many know, the American Association has an endowment fund, now amounting to over \$150,000, which is kept permanently invested by the treasurer of the association, who is now Mr. John L. Wirt, of the Carnegie Institution of Washington. It is administered under the laws of the Commonwealth of Massachusetts, from which the association received its incorporation in 1875. The income from this fund, at the present average annual rate of about 4.7 per cent., is available for appropriation by the association council, in accordance with constitutional provisions and those of the donors. The association has been the recipient of a number of larger gifts and bequests and of many smaller ones and the permanent endowment has been increased each year since it was inaugurated. To the endowment are added each year all sustaining membership fees (of \$1,000) and all life-membership fees (of \$100). Gifts have been received also for the current funds of the association.

The uses for which the council may appropriate the income from the endowment may be classified as (1) for scientific research, (2) for the general purposes of the advancement of science and (3) for special purposes. It is provided that the income from the fees paid by life members and sustaining members shall be available for general purposes until the decease of these members, after which it shall become available for furthering scientific research. For the association year 1927-28 (October 1, 1927, to September 30, 1928) the income from the fees of living life members and sustaining members was \$1,341.85 and the income from the fees of deceased endowment members was \$560.95. The total endowment income for 1927-28 was \$6,493.48, available as follows:

For research	\$4,327.69
For general purposes	1,956.46
For special purposes	209.33
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	\$6,493.48

Grants in aid of research, to individuals and to organizations, are regularly made from the first part of the income. From the second part of the income are paid the annual journal subscriptions for all living life members and sustaining members, who receive the official journal throughout life. The income from the Jane M. Smith Fund is used, according to the terms of that bequest, specifically for the establishment of emeritus life memberships, of which two or three have been created annually in recent years. The council

elects these emeritus life members from among the annual members of longest standing. The treasurer's report on the endowment funds of the association appears annually in *SCIENCE* about February 1.

It is seen that the Michael P. Rich bequest constitutes a very definite addition to the association's endowment. It is a lasting memorial to the active interest taken by Dr. Rich in the general aims of the association. With the rapidly increasing membership, which now amounts to over 18,500, and with the recently greatly enhanced appreciation of the association by the intelligent public of the United States, such additions should be not infrequent in the future. The association welcomes gifts and bequests for the advancement of science and undertakes to administer such funds in accordance with the wishes of the donors.

BURTON E. LIVINGSTON,
Permanent Secretary

APPLICATIONS FOR GRANTS FOR 1930

THE council of the American Association for the Advancement of Science makes available each year a sum of about three thousand dollars from the income of the permanently invested endowment funds and this appropriation is allotted to individual members as grants in aid of research. Allotments are made by the Committee on Grants for Research, at the time of the annual meeting of the association, and all applicants are informed in January with regard to the outcome. Each year the list of grantees for the ensuing year appears in *SCIENCE* about February 1. Grants become available immediately, the funds being disbursed by the treasurer of the association in accordance with the desires of the grantees.

Applications for grants are made on special blanks, obtainable from the permanent secretary's office in Washington. For the year 1930 all applications must be received before December 1, 1929. Consideration is given to applications for any amount up to five hundred dollars; while a few grants of that amount have been allotted in recent years, most of the grants have been for smaller sums. Each application is to be supported by letters from two persons acquainted with the applicant and with the project for which the grant is requested.

The Committee on Grants for Research has the following membership. The number given in parenthesis after each name denotes the last calendar year of the member's term of office.

- L. G. Hoxton, for physics (*chairman*); University of Virginia, Charlottesville, Virginia (1929).
- Vernon Kellogg, for zoology; National Research Council, Washington, D. C. (1929).
- W. Lash Miller, for chemistry; University of Toronto, Toronto, Canada (1930).

Oswald Veblen, for mathematics; Princeton University, Princeton, New Jersey (1930).

Walter S. Adams, for astronomy; Mount Wilson Observatory, Pasadena, California (1931).

Karl F. Kellerman, for botany; Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C. (1931).

Charles P. Berkey, for geology; Columbia University, New York, New York (1932).

William Charles White, for medicine; Hygienic Laboratory, U. S. Public Health Service, 25th and E Sts. N. W., Washington, D. C. (1932).

THE SECTION OF GEOLOGY AND GEOGRAPHY AT DES MOINES

SECTION E will hold sessions for the reading of papers on Monday and Tuesday, December 30 and 31. The address of the retiring vice-president of the section, Professor Frank Leverett, entitled "Problems of the Upper Ohio Drainage," will be given at 4 P. M. on Monday. There will be a dinner for geologists and geographers on either Monday or Tuesday evening. A public lecture by Dr. George F. Kay on the Pleistocene geology of Iowa and adjacent states will be presented at a general session of the entire association scheduled to occur on Tuesday, probably at 4:30 P. M. Hotel headquarters will be the Brown Hotel, Fourth and Chestnut Streets, and the sessions of this section will be held in the auditorium of the Y. M. C. A. immediately across the street from this hotel. Rooms with bath range upward from \$2 for single rooms and \$3 for double rooms. Reservations for hotel accommodations should be made early by members and directly with the hotel, not through secretaries or local committees.

Des Moines is at the center of the classic area for the study of the glacial deposits of the Mississippi

Valley and it is expected that several papers dealing with Pleistocene problems will be presented. Other papers will consider the stratigraphy of the Mississippi Valley and still others will deal with general geological problems. A large attendance of geologists from the midwest is assured.

Members of Section E who desire to present papers should send the exact title and an abstract of not more than 250 words to reach the secretary not later than November 25; titles received later than this can not be placed on the program and titles without abstracts will not be considered or accepted. The group (economic geology, general geology, stratigraphy, Pleistocene geology, physiography, geography, etc.) in which the paper is to be read and whether charts or lantern slides will be used should be indicated.

KIRTLEY F. MATHER,
GEOLOGICAL MUSEUM,
HARVARD UNIVERSITY
Secretary of Section E

PSYCHOLOGY

Section I (Psychology) of the American Association for the Advancement of Science will hold its sessions on Friday, December 27, and Saturday, December 28, at Des Moines at a place to be designated later. In view of the fact that there is to be no meeting of the American Psychological Association this year, this meeting furnishes an excellent opportunity for the presentation of papers. All fellows and members of the section who wish to read papers should submit the title of their paper with an estimate of the time required up to a limit of twenty minutes to the secretary of the section, Dr. John E. Anderson, Institute of Child Welfare, University of Minnesota, *not later* than Saturday, November 23. Notice will be given of the acceptance of titles.

SCIENTIFIC EVENTS

THE OBSERVATORY OF THE UNIVERSITY OF LONDON

WE learn from the London *Times* that the new observatory, erected by the University of London at Mill Hill, was opened by Sir Frank Dyson, the astronomer royal, on October 8. The need for such an observatory, sufficiently and adequately equipped for research work, is said to have been felt by the university for some years. It became known a short time ago that Mr. J. G. Wilson was possessed of a 24-inch reflecting telescope, which had been constructed for his father, Mr. W. E. Wilson, F.R.S., of which he wished to dispose. The instrument at that time was erected at Mr. Wilson's home at Darramona, West Meath, Ireland, and he generously offered it to the university, provided that a suitable building was erected for it.

After prolonged negotiations and the consideration of many sites, an arrangement was come to with the Hendon Urban Council for the granting of a site on the west of the Watford by-pass road, opposite Mill Hill Park. The Hendon Council, with the sanction of the Ministry of Health, have leased to the university the site, for a period of 999 years, at a nominal rental, the senate of the university granted a sum of £5,000 towards the erection and maintenance of a suitable building, and University College, King's College, Bedford College, East London College and the London School of Economics agreed to vote annual subsidies for a period of years towards maintenance expenses.

In August, 1928, the Wilson telescope was moved to the workshop of the Department of Applied Mathe-