

Idaho, \$60,000. Substations—Wisconsin (southern), \$50,000; Montana, \$35,000; Colorado, \$35,000, and New Hampshire (White Mountain Forest), \$25,000. A fishery laboratory in Washington, \$125,000, and an experimental bass and trout station, Maryland or West Virginia, \$75,000.

*Fiscal year beginning July 1, 1931:* Fish-cultural stations—Alabama, \$50,000; Indiana, \$50,000; Tennessee (middle), \$50,000, and Pennsylvania (including a substation), \$100,000. Substations—South Carolina (or enlargement of Orangeburg station), \$25,000; Texas (western), \$35,000; New York, \$35,000. The purchase of Mill Creek station in California, \$20,000, and the purchase and repair of Rogue River substation, Oregon, \$35,000.

*Fiscal year beginning July 1, 1932:* Fish-cultural station—Florida, \$60,000. Fish-cultural substations—Maine (including enlargement Craig Brook), \$50,000; Virginia (eastern), \$75,000, and Minnesota, \$50,000. A fishery laboratory in Texas (Gulf coast), \$75,000, and the purchase or construction of steel fish-distribution car, \$75,000.

*Fiscal year beginning July 1, 1933:* Fish-cultural stations—Nevada, \$60,000; Illinois, \$75,000, and New Jersey, \$75,000. Substation—Mississippi (southern), \$50,000, and the purchase or construction of steel fish-distribution car, \$75,000.

*Fiscal year beginning July 1, 1934:* Fish-cultural substations—Ohio, \$35,000; Kansas, \$35,000; North Dakota, \$35,000; Georgia, \$35,000, and the purchase and repair of Little White Salmon station in State of Washington, \$35,000. A fishery laboratory in the territory of Alaska, \$50,000, and an experimental and bass and trout station in Pisgah National Forest or Great Smoky National Park in North Carolina, \$35,000.

### AWARD OF THE STORROW FELLOWSHIPS

THE Storrow fellowships in geology and geography are based upon a fund of \$5,000 placed with Mr. Arthur Keith, chairman of the division of geology and geography of the National Research Council, by Mrs. J. J. Storrow, of Boston, Massachusetts, for the promotion of training in research in those branches. In the allocation of the fund the committee on fellowships of that division has given primary consideration to aiding outstanding students in these fields to make successful beginnings in research careers, rather than to securing advanced degrees. It has even held that it is not necessary for the candidate actually to be engaged in university study at the time of his application for aid in further training.

Following are the recipients announced by the committee through the National Research Council: H. J. Fraser, Cambridge, Massachusetts; Norman Hinchey, St. Louis, Missouri; Ralph L. Lupher, Pasadena, California, and Jerome S. Smiser, Princeton, New Jersey.

So meritorious were the cases presented that the

fund was fully allocated for the coming year. Nothing could more unmistakably show the great need for research fellowships available to graduate students in geology and geography than the applications and supporting letters received since the announcement of these fellowships was published in SCIENCE in mid-January. They reveal the existence of a large group of young men of fine character and ability who have graduated from the universities and who are pressing for special training with a view to entering definite research careers in different branches of our subject. Applications stating present training and specific research objectives and plans are supplemented by letters relating to the character, training, ability, industry and special aptitude of the candidates for the particular line of work in view. Among the group of selected cases remaining there are enough of distinctly high rank and promise to make profitable use of a fund of \$20,000 a year. Some of these cases are opportunities to launch trained and ambitious young men into productive contribution to the knowledge of geology and geography.

Most of the applications relate to geology, and of these more of the outlined plans lie in the fields of invertebrate paleontology than in any other single subject. Four applications fall within the broad province of geography.

A very interesting though small group of applications are from men no longer in the universities who have developed perspective and purpose relating to certain fields or problems of research which they wish to enter upon but which they can not undertake without aid or for which they can not insure the necessary preparation without funding which, in most cases, is on a very modest scale.

The committee hopes that the demonstration of desire on the part of young men and women to engage in research in geology and geography, the ability and earnestness of purpose indicated, and the generally practicable as well as meritorious plans in view will appeal to persons of means who are interested in the promotion of research in geology and geography.

DAVID WHITE,

*Chairman, Committee on Fellowships*

DIVISION OF GEOLOGY AND GEOGRAPHY,  
NATIONAL RESEARCH COUNCIL

### AWARDS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS

FOR outstanding achievement five engineers received awards at the opening session of the sixtieth annual convention of the American Society of Civil Engineers which opened at Cleveland on July 9.

A gold bronze medal, the first prize in the annual Phebe Hobson Fowler professional award, was be-