

accept, and it will serve the greatest good to the greatest number by giving every one a fair share in the use of our present limited facilities for publication.

THE GRANTS FOR RESEARCH OF THE NATIONAL ACADEMY OF SCIENCES

PROGRESS has been reported as follows on grants made by the National Academy of Sciences:

BACHE FUND

The researches of Carl H. Eigenmann, for which grants 214 and 220 were made, have been published in the *Memoirs of the Museum of Comparative Zoology*, Vol. 43, Parts 1 and 2, and in the *Proceedings of the American Philosophical Society*, the *Journal of the Washington Academy of Sciences*, and the Indiana "University Studies." The research on fishes of the upper Amazon basin and Lake Titicaca is still in progress.

A preliminary paper on the work of H. W. Norris on cranial nerves of amia and lepidosteus will be published shortly in the *Proceedings of the Iowa Academy of Science*.

Star counts have been made by H. Nort, of Gouda, Holland, for more charts of the southern hemisphere. Additional counts have been made to find distance correction for the Franklin Adams charts. Formulæ have been derived to compute the equatorial coordinates of the fields counted from the declination and the R.A. of the center of the plate and the focal length of the telescope used. The limiting magnitude for ten additional charts of the northern hemisphere has been derived.

Preliminary results of the research of J. C. Jensen, grant No. 218, have been published in the *Proceedings of the Nebraska Academy of Science* for 1919.

Results of the research of H. G. Barbour, of McGill University, grant No. 219, have been published in the *Proceedings for Experimental Biology and Medicine*, 1920; *The Journal of Pharmacology and Experimental Therapeutics*, 1921; and *The American Journal of Physiology*, 1921.

Preliminary results of the research of T. H. Goodspeed, of the University of California, grant No. 224, have been published in the *University of California Publications in Botany*, Vol. 5.

SMITH FUND

There was issued in 1921 as a publication of the Leander McCormick Observatory of the Uni-

versity of the University of Virginia, "349 parabolic orbits of meteor streams and other results," by Charles P. Olivier, a discussion of 22,000 observations of meteors made by members of the American Meteor Society. It is a comprehensive report of results of an investigation which has been aided by several grants from the J. Lawrence Smith Fund at various times since 1913 to Professor S. A. Mitchell, director of the McCormick Observatory, under whose supervision the work has been done.

SCIENTIFIC NOTES AND NEWS

DR. E. A. DE SCHWEINITZ, professor of ophthalmology at the University of Pennsylvania, gave the presidential address at the opening session of the American Medical Association held at St. Louis on May 23.

DR. E. W. RICE, JR., has been elected honorary chairman of the board of directors of the General Electric Company. He will devote his time particularly to the supervision of the scientific, engineering and technical work of the company in this country and abroad.

DR. ROSS AIKEN GORTNER, professor of agricultural biochemistry at the University of Minnesota, has been elected to the office of national president of Phi Lambda Upsilon, the honorary chemical society. He succeeds Dr. Harold A. Fales, of Columbia University.

THE annual meeting of the Iron and Steel Institute, under the presidency of Mr. Francis Samuelson, was held on May 4 and 5 at the house of the institution. The Bessemer Medal was presented to Professor Kotaro Honda.

DR. MURK JANSEN, of Leyden, has received the Umberto I prize awarded every five years by the province of Bologna for the best work or discovery in orthopedics.

AT the recent annual meeting of the American Academy of Arts and Sciences the election of the following fellows and foreign honorary members was reported by the council: Class I. The Mathematical and Physical Sciences: Walter Sydney Adams, Pasadena; Gano Dunn, New York; Thomas Alva Edison, Orange, N. J.; Edwin Crawford Kemble, Cambridge; Richard Chase Tolman, Washington; Arthur Stanley Eddington, Cambridge, England. Class II.