

ject to the cooperation of American mathematicians.

On the occasion of the sixtieth birthday of Professor David Hilbert, of the University of Goettingen, his friends, colleagues, and former students presented to him an address, an album of photographs, and a memorial volume of mathematical papers. Among those who joined in these remembrances were over sixty-five American friends and former students. The celebration was directed by a committee consisting of Professors O. Blumenthal (chairman), R. Courant, G. Hamel, E. Hecke, A. Schönflies, and (for America) E. R. Hedrick. The mathematical papers of the memorial volume will appear separately either in the *Mathematische Annalen* or in the *Mathematische Zeitschrift*.

The preparation of the complete edition of the works of Sophus Lie, undertaken in 1912 by Teubner, but suspended because of the greatly increased cost of printing, will be resumed with the financial support of the Norwegian Mathematical Society. The title of the edition will read: *Sophus Lie, Gesammelte Abhandlungen, im Auftrage des Norwegischen Mathematischen Vereins und mit Unterstützung der Akademien zu Kristiania und Leipzig, herausgegeben von Friedrich Engel und Paul Heegaard*. It is planned to publish seven volumes, of which volume three, the first to appear, is now in press.

GRANTS FOR RESEARCH BY THE NATIONAL ACADEMY OF SCIENCES

THE following grants for researches have been approved by the National Academy of Sciences:

Bache Fund

H. Nort, Gouda, Holland, for counting the stars on the Franklin Adams charts.....	\$ 200
H. S. Jennings, Johns Hopkins University, for studies of the cytology of the rhizopod <i>diffugia</i>	500
Herbert M. Evans, University of California, for the determination of the œstrus cycle by means of histological changes in the vaginal and uterine fluid in other mammals than the rat (especially the rabbit and the cat).....	500

Carl G. Hartman, University of Texas, for the completion of observations on the œstrus cycle of the opossum.....	500
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Draper Fund

E. A. Fath, Carleton College, for the purchase of a string electrometer for application to the photometry of the stars.....	375
W. W. Campbell, Lick Observatory, for the purchase of eclipse apparatus.....	450

J. Lawrence Smith Fund

George Perkins Merrill, U. S. National Museum, in aid of further investigations of meteorites	500
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Gould Fund

Benjamin Boss, Albany, N. Y., for the support of the <i>Astronomical Journal</i>	1,000
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Marsh Fund

Carl O. Dunbar, Yale University, for collection and study of Permian insects.....	150
Miss Winifred Goldring, State Museum, Albany, N. Y., for investigation of Devonian plants of Gaspé.....	75
W. J. Sinclair, Princeton University, for continuation of his studies on the stratigraphic succession of mammalian faunas of the White River oligocene.....	300
Rudolf Ruedemann, State Museum, Albany, N. Y., for studies on the graptolites of North America.....	200
F. Canu and R. S. Bassler, United States National Museum, for continuation of monographic studies on recent and fossil bryozoa	150
C. W. Gilmore, United States National Museum, for continued work on a monographic study of the fossil lizards of North America.....	300

Joseph Henry Fund

Carl T. Compton, Palmer Physical Laboratory, Princeton, N. J., for researches on the electric moments of molecules.....	1,000
H. J. Muller, University of Texas, for the purchase of a microscope designed especially for selective illumination of given cells or portions of cells by means of visible or ultra-violet light for use in studies in cytology, embryology and genetics.....	250
Aleš Hrdlička, United States National Museum, for support of investigations relating to the origin and antiquity of man on the American and Asiatic continents.....	500