

cuse Univ.; C. D. Howe, Univ. of Toronto; F. E. Lloyd, McGill Univ.; C. O. Rosendahl, Univ. of Minn.

V. E. SHELFORD, *Chairman*

UNIVERSITY OF ILLINOIS

THE NATIONAL COMMITTEE ON MATHEMATICAL REQUIREMENTS

At the last meeting of the General Education Board in New York on February 28, the sum of \$25,000 was appropriated for the use of the National Committee on Mathematical Requirements to continue its work for the year beginning July 1, 1920.

A preliminary report on "The Reorganization of the First Courses in Secondary School Mathematics" was published for the Committee by the U. S. Bureau of Education about the middle of February. It has been distributed widely. Copies of the report have gone to all the state departments of education, to all county and district superintendents in the United States and to all city superintendents in cities and towns of over 2,500 population. It has been sent to all the normal schools in the country, to some 1,500 libraries and to almost 300 periodicals and newspapers. In addition it has been sent to about 4,500 individuals, the names and addresses of which were furnished the Bureau of Education by the National Committee. This list of individuals consists chiefly of teachers of mathematics and principals of schools throughout the country. Additions to this mailing list to secure future copies of the reports of the committee can still be made. Individuals interested in securing these reports should send their names and addresses to the chairman of the committee (J. W. Young, Hanover, N. H.).

A subcommittee consisting of Professor C. N. Moore, of the University of Cincinnati, Mr. W. F. Downey, of Boston, and Miss Eula Weeks, of St. Louis, has been appointed to prepare a report for the Committee on Elective Courses in Mathematics for Secondary Schools. Any material or suggestions for this report may be sent directly to the chairman of the subcommittee.

The recent work of the national committee

had a place on the program of the organization meeting of the National Council of Teachers of Mathematics held in Cleveland on February 24 in connection with the meeting of the Department of Superintendence of the National Education Association. The meeting for the organization of the National Council was enthusiastically attended. A constitution was adopted and officers and an executive committee elected. Mr. J. A. Foberg, of the National Committee on Mathematical Requirements, was elected secretary-treasurer of the National Council.

Recent meetings of teachers at which the reports of the national committee have been discussed have taken place in New York City, Cincinnati, San Francisco, Cleveland, Oklahoma, Philadelphia, Springfield (Mass.), Providence (R. I.). Meetings in April will take place in Alabama, Illinois, Iowa, Michigan and Kentucky.

THE NEW YORK STATE COLLEGE OF AGRICULTURE AND THE NEW YORK STATE EXPERIMENT STATION

THE State College of Agriculture at Ithaca and the State Agricultural Experiment Station at Geneva have now become formally affiliated. Each will retain its separate organization and carry on its own appropriate work; in addition provision is made for somewhat closer correlation, for ready exchange of all facilities of research and experimentation, and for more frequent conferences. To these ends the trustees of Cornell University have appointed to the staff of the college eight persons on the staff of the station at Geneva: Whitman H. Jordan, director; R. J. Anderson, chemist; Robert S. Breed, bacteriologist; R. C. Collinson, chemist; U. P. Hendrick, horticulturist; Percival J. Parrott, '06, entomologist; Fred C. Stewart, '98, botanist; and L. L. Van Slyke, specialist in fertilizers. And reciprocally the board of control has appointed to the Geneva staff six members of the agricultural faculty: Professors Chandler, Emerson, Herrick, Lyon, Reddick, and Stocking.

The *Cornell Alumni Weekly* says: "This closer relationship promises benefits not only to the college, particularly in enlarging the

regular opportunities of graduate students and investigators, but also to the farming interests of the state, to whom the combined efforts and results are valuable. The affiliation, thus bringing a mutual extension of privileges, is characterized by the authorities as a gain to both institutions without cost or loss to either."

SCIENTIFIC NOTES AND NEWS

THE next meeting of the American Astronomical Society will be held at Smith College Observatory, Northampton, Massachusetts, beginning on September 1. The society will also visit the observatory at Mt. Holyoke College.

THE American Association of Anatomists will hold their annual meeting at the National Museum, Washington, D. C., from April 1 to 3. The program contains about sixty titles for papers and fifty demonstrations.

THE second annual meeting of the American Society of Mammalogists will be held in the American Museum of Natural History, New York City, May 3-5, 1920. There will be opportunities to visit the New York Zoological Park, the Brooklyn Museum, the New York Aquarium, and other institutions of interest to members. Headquarters will be at the Hotel York, 7th Avenue and 36th Street, three blocks north of the Pennsylvania Station.

DR. JOHN CHARLES HESSLER has been appointed assistant director of the Mellon Institute of Industrial Research of the University of Pittsburgh. Dr. Hessler, who is now serving as president of James Milliken University, Decatur, Ill., will enter upon his new work at the close of the present academic year. As a member of the administrative staff of the Mellon Institute, he will be in supervisory charge of certain of the researches in organic chemistry, a field in which he has specialized during the past twenty years.

DR. JOHN W. MACFARLANE, professor of botany and director of the Botanical Laboratory and of the Botanic Gardens of the University of Pennsylvania, has tendered his

resignation after twenty-eight years of service, to take effect on June 30.

DR. WALDEMAR T. SCHALLER has resigned as chemist in the division of physical and chemical research, United States Geological Survey, and has accepted a position with the Great Southern Sulphur Co., Inc., of New Orleans, La., operating at Orla, Texas.

THE French government has conferred the decoration, "Officier de l'Instruction Publique," upon Professor E. B. Van Vleck, of the department of mathematics of the University of Wisconsin, in recognition of his services as teacher and investigator and for his work during the war.

PROFESSOR WARREN H. LEWIS, of the Johns Hopkins Medical School, has been elected an honorary member of the Society of Medicine of Gand.

At its meeting held on March 10, the Rumford Committee of the American Academy of Arts and Sciences appropriated the sum of \$250 to Professor Julius Stieglitz in aid of the publication of Marie's "Tables of Constants."

At a meeting of the Royal Society of the Medical and Natural Sciences of Brussels held on December 1, Dr. John J. Abel, professor of pharmacology at the Johns Hopkins University, was elected an associate member of the society.

THE Committee on Scientific Research of the American Medical Association has made these grants for scientific work: Professor G. Carl Huber, University of Michigan, for study of nerve repair, \$400. Professor H. M. Evans, University of California, for study of the influence of endocrine glands on ovulation, \$400. Professor E. R. LeCount, Rush Medical College, for study of extradural hemorrhage and of the hydrogen-ion content of the blood in experimental streptococcus infections, \$200. Dr. E. E. Ecker, Western Reserve University, for a study of the specificity of antianaphylaxis, \$200. Dr. Henrietta Calhoun, Iowa State University, for a study of the effect of protein shock on diphtheria intoxication, \$400.