

WEDNESDAY, NOVEMBER 12

Morning Session

On the embryological basis of human mortality:
RAYMOND PEARL.

Jupiter's five attendant planets (by invitation):
E. W. BROWN.

Notes on human sex ratio (by invitation): C. C. LITTLE.

Sex intergrades and their peculiar inheritance
(by invitation): A. M. BANTA.

The starting of a ship under constant power
(by invitation): J. K. WHITEMORE.

Endomixis in relation to selection in paramecia
(by invitation): LORANDE LOSS WOODRUFF.

The activities of the ions of largely ionized substances: ARTHUR A. NOYES and DUNCAN MAC-INNES.

The basal metabolism of boys from one to thirteen years of age: FRANCIS G. BENEDICT.

AMERICAN MATHEMATICAL SOCIETY

THE two hundred and fifth regular meeting of the society was held at Columbia University on Saturday, October 25, 1919, extending through the usual morning and afternoon sessions. The attendance included forty-nine members.

Vice-president G. D. Birkhoff occupied the chair. The council announced the election of the following persons to membership in the society: Dr. C. C. Camp, University of Illinois; Professor Carl J. Coe, University of Michigan; Dr. Teresa Cohen, Johns Hopkins University; Mr. W. E. Heal, U. S. Bureau of Plant Industry; Dr. C. A. Nelson, University of Kansas; Mr. J. L. Walsh, Harvard University. Four applications for membership were received.

A list of nominations for officers for the coming year was adopted and ordered printed on the official ballot for the annual election. A committee was appointed to audit the treasurer's accounts for the current year. Propositions for establishing a board of custodians for the society's property and for issuing a new catalogue of the library were laid over for action at the annual meeting.

The following papers were read at this meeting:
Motion in a resisting medium: J. K. WHITEMORE.

A countable collection of mutually exclusive closed point sets with connected sum: ANNA M. MULLIKEN.

New proofs of certain finiteness theorems in the theory of modular covariants: OLIVE C. HAZLETT.

On the convergence of certain classes of series of functions: R. D. CARMICHAEL.

Note on a transformation of series similar to the principle of inversion in the theory of numbers: R. D. CARMICHAEL.

Note on the theory of integral functions of the first class: R. D. CARMICHAEL.

Two linear integral equations with two parameters: ANNA J. PELL.

Note on stable periodic orbits: G. D. BIRKHOFF.

Some problems connected with submarine acoustics: O. D. KELLOGG.

Differential variations in ballistics, with applications to the qualitative properties of the trajectory: T. H. GRONWALL.

Standard density, temperature and pressure of the air aloft: A. A. BENNETT.

The probable error of a small number of rounds: A. A. BENNETT.

The physical bases of ballistic table computations: A. A. BENNETT.

The sign of the distance in analytic geometry: A. A. BENNETT.

Invariants of infinite groups in the plane: E. F. SIMONDS.

The motion of n bodies, under any forces, starting from rest: EDWARD KASNER.

The San Francisco Section met at the University of California on October 25. The annual meeting of the society will be held at Columbia University on December 30-31 and will be followed by that of the Mathematical Association of America on January 1-2. The Chicago and the Southwestern Sections will meet at St. Louis with the American Association for the Advancement of Science.

F. N. COLE,
Secretary

MEETING OF THE COMMITTEE OF POLICY OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

THE committee on policy met at the residence of President Flexner, New York City, on Thursday, November 13, 1919, at 5 P.M. The meeting was called to order by the permanent secretary, who suggested that Mr. Flexner take the chair. Members of the committee present were: Messrs. Flexner, Humphreys, MacDougal, Cattell, Fairchild, Paton, Woodward, Noyes and Howard.

The minutes of the spring meeting were read and approved.

The permanent secretary made a statement re-

garding the error which had been made at the Baltimore meeting in electing three members of the committee in place of Messrs. Ward, Paton and Fairchild; whereas, three members should have been elected in place of Messrs. Cattell, Woodward and Noyes. On motion, Messrs. Cattell, Woodward and Noyes were requested to act as members of the committee, leaving the election of their successors and of the succeeding group until the meeting at St. Louis.

The permanent secretary presented a progress report with regard to plans for the St. Louis meeting and also plans under way for the increase in the membership of the association. He also presented a general statement regarding the condition of his current financial account.

Some discussion ensued, and Mr. Flexner was requested to deliver a popular lecture, complimentary to the citizens of St. Louis, on the evening of Tuesday, December 30.

A committee of three on the permanent secretaryship of the association was appointed, consisting of Messrs. Flexner, Noyes and Cattell.

On motion, it was moved and carried that the committee recommend to the council that the constitution be so amended as to make the annual dues be five dollars and the life membership commutation one hundred dollars. On motion, it was ordered that this amendment be published in a footnote to the new constitution to be published in *SCIENCE*.

On motion, it was decided to recommend to the council that in view of the increased cost of printing the price of *SCIENCE* per member be three dollars and further to recommend that the price of *SCIENCE* to non-members be fixed at six dollars.

On motion, the permanent secretary was directed to send out his bills for the year 1920 this month at the amount of five dollars. It was decided that in the campaign for new members now being carried on, members joining before January 1, 1920, pay the amount of eight dollars for combined entrance fee and dues.

After some discussion, it was decided that the committee approve of any effort to raise money for the new popular journal in the name of the association by the authorized committee of the National Research Council or its agents.

Mr. Cattell presented a progress report for the committee on state and local academies.

The report of the committee on grants was read by the permanent secretary.

Mr. Paton was requested, as chairman, to take

up the work of the committee on delegates for the St. Louis meeting.

Dr. Charles E. Caspari was elected as secretary for Section C for the St. Louis meeting on nomination of Dr. Lovelace, chairman of the section.

The application of the American Academy of Medicine for affiliation was referred to a committee consisting of Messrs. Paton, Flexner and the permanent secretary for further report.

A letter from Mr. S. N. D. North, acting secretary of the Carnegie Endowment for International Peace, was read which suggested that the association endeavor to assist the work of the endowment by making an effort to bring about international cooperation between scientific organizations. A committee, consisting of Messrs. Angell, Humphreys and the permanent secretary, was appointed to confer with the Washington office of the endowment on this subject.

A letter from scientific men in El Paso, concerning a southwestern branch of the association was read and discussed. Mr. MacDougal stated that persons interested in this plan were to meet with the association in St. Louis for more intimate discussion of details.

A report of a call by Mr. Bourland, of the Southern Education Society, at the office of the permanent secretary was read. On motion, it was resolved that the committee look with favor on the effort to increase the interest of the scientific men in the south and requests the permanent secretary to confer further with Mr. Bourland in regard to the plans suggested by the latter.

The committee adjourned at 9.45 P.M., to meet at St. Louis on Sunday, December 23, at the Hotel Statler, probably about dinner time.

L. O. HOWARD,
Permanent Secretary

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