

MOLONEY and C. B. WELD (presented by J. F. Fitzgerald).

Technique of fractional analysis in bacterial fermentations: E. GORDON YOUNG (presented by A. B. Macalium).

Recent observations, by X-rays, on the functional form-changes of the human bronchial tree: CHARLES C. MACKLIN.

The family tree of a case of peroneal atrophy: M. THURLOW MACKLIN and J. THORNLEY BOWMAN (presented by Charles C. Macklin).

The oestrus cycle in the mare and some associated phenomena: E. SEABORN (presented by Charles C. Macklin).

The sugar of the blood and the glycogen of the liver and muscles in standard white rats: LADISLAV KAROZAG, J. J. R. MACLEOD and M. D. ORR.

Some factors influencing the action of insulin and the effects of its daily injections in normal animals: J. MARKOWITZ, M. K. O'BRIEN and M. D. ORR (presented by J. J. R. Macleod).

The time relationship of the changes which occur in the blood as the result of the injection of insulin in depancreatized animals: I. L. CHAIKOFF, J. J. R. MACLEOD and J. MARKOWITZ.

Metabolism during pregnancy in a depancreatized dog kept alive with insulin: J. MARKOWITZ and W. W. SIMPSON (presented by J. J. R. Macleod).

Insulin and tissue reductase: J. MARKOWITZ (presented by J. J. R. Macleod).

The preparation, physiological properties and method of standardization of a parathyroid hormone: J. B. COLLIP and E. P. CLARK (presented by J. J. R. Macleod).

The effects of parathyrin on dogs and other animals and the influence of diet on these effects: J. J. R. MACLEOD and N. B. TAYLOR.

The action of insulin on the blood sugar of the fowl: J. MARKOWITZ (presented by J. J. R. Macleod).

The influence of insulin on asphyxial glycogenolysis: I. L. CHAIKOFF (presented by J. J. R. Macleod).

Lymphatics of the heart: S. G. CHALK (presented by Paul S. McKibben).

Viscero-motor reflexes III: FREDERICK R. MILLER and R. A. WAUD.

Decerebrate rigidity in young mammals: N. B. LAUGHTON (presented by Frederick R. Miller).

Natural arrest of hemorrhage from a wound: JOHN TAIT.

The spindle-cells in relation to coagulation of frog's blood: F. GREEN and JOHN TAIT.

The rôle of platelets in mammalian blood coagulation: H. E. BURKE and JOHN TAIT.

The injection of quartz particles into the blood stream: A. R. ELVIDGE and JOHN TAIT.

Some points in relation to the structure and function of the spleen: M. F. CASHIN and JOHN TAIT.

Immunity technique applied to the intergraftability of plants: F. GREEN (presented by John Tait).

Experiments on the labyrinth of frogs: W. J. McNALLY and JOHN TAIT.

Cause of death in mammals by lowering of body temperature: G. L. CASSIDY (presented by John Tait).

Relation between volume and diameter of mammalian red blood corpuscles: W. F. EMMONS (presented by John Tait).

The effect of temperature upon the rate of action of insulin in mammals: C. J. CASSIDY, S. DWORKIN and W. H. FINNEY (presented by John Tait).

Thermotactic action of insulin: C. J. CASSIDY, S. DWORKIN and W. H. FINNEY (presented by John Tait).

Botanical

Experiments on sex with mushrooms and toadstools: A report on the work of Irene Mounce, William F. Hanna and Dorothy E. Newton: A. H. REGINALD BULLER.

Fern Rusts. I. The genus Mileisia: J. H. FAULL, E. H. MOSS, L. M. HUNTER and W. R. WATSON.

Bacterial content of salt water fish: F. C. HARRISON.

Further studies on the saltation of the black dot organism: B. T. DICKSON (presented by F. C. Harrison).

Vermicularia v. Colletotrichum: B. T. DICKSON (presented by F. G. Harrison).

Tomato streak: B. T. DICKSON and T. C. VANTERPOOL (presented by F. C. Harrison).

A comparative study of lateral and scaliform conjugation in spirogyra: FRANCIS E. LLOYD.

Chromosome numbers and plant characters in hybrids between durum and bread wheats: W. P. THOMPSON.

Cytological conditions in wheat-rye hybrids: W. B. THOMPSON.

The uredinales of the prairie provinces of Canada: W. P. FRAZER and I. L. CONNERS (presented by W. P. Thompson).

Net blotch of barley—Helminthosporium teres Sacc: MARGARET NEWTON (presented by W. P. Thompson).

Some features of the primary resin canals of the conifers: CHARLES S. HANES (presented by R. B. Thomson).

PAUL S. MCKIBBEN

UNIVERSITY OF WESTERN ONTARIO

THE WESTERN PSYCHOLOGICAL ASSOCIATION

THE fifth annual meeting of the Western Psychological Association was held at University of California, Berkeley, on July 24 and 25. The Association officers for 1924-25 are: Arthur H. Sutherland, president, Los Angeles; Raymond H. Franzen, vice-president, University of California; Walter R. Miles, secretary-treasurer, Stanford University; Edward C. Tolman, local committeeman, University of California. The following papers were presented:

FRIDAY, JULY 24

9:30 A. M.

Ideomotor action and dynamogenesis: HERBERT S. LANGFELD, Princeton University.

Post-rotational head nystagmus in adult pigeons: FRANKLIN S. FEARING, Stanford University.

Certain relations between reward and learning in animals: HUGH C. BLODGETT, University of California, Berkeley.

Weber's law in the discrimination of maze distance by the white rat: JOSEPH G. YOSHIOKA, University of California, Berkeley.

On the reaction time of the eye: WALTER R. MILES, Stanford University.

Business meeting: report of the secretary-treasurer; appointment of nominating committee.

Luncheon.

1:30 P. M.

Improvement in the memory span for digits: KATE GORDON, University of California, Southern Branch, Los Angeles.

An amplification of the Lipps-Meyer law: PAUL R. FARNSWORTH, Stanford University.

Differences in the achievement at the Williams Institute: ESTHER ALLEN GAW, Mills College.

An attempt on the mental-inheritance problem: RAYMOND R. WILLOUGHBY, Stanford University.

Intelligence quotients of three hundred geniuses in childhood: CATHERINE M. COX, Whittier State School.

4-5 P. M.

Tea at the psychology building.

6:00 P. M.

Banquet at the Stephens Union.

Address: *Some experiences as an applied psychologist:* ARTHUR H. SUTHERLAND, President.

8:15 P. M.

Wheeler Auditorium

Public address and motion picture: *Experiments on the intelligence of apes:* WOLFGANG KOHLER, Director of the Psychological Institute, University of Berlin.

SATURDAY, JULY 25

9:30 A. M.

Gestalt pattern: WOLFGANG KOHLER, University of Berlin.

Mental changes in paresis, as studied by certain intelligence tests: HELEN MARSHALL, Stanford University.

The civilian re-adaptation of a group of A. E. F. war neurotics: NORMAN FENTON, Stanford University.

Aphasia: SHEPHERD I. FRANZ, University of California, Southern Branch, Los Angeles.

The determination of a scale of mental ability: TRUMAN L. KELLY, Stanford University.

Luncheon.

1:30 P. M.

Follow-up work on cases of misclassification of children: GRACE M. FERNALD, University of California, Southern Branch, Los Angeles.

A program of university personnel service: LEWIS M. TERMAN and KARL M. COWDERY, Stanford University.

Psychological methods in the Los Angeles police school: ELLEN B. SULLIVAN, University of California, Southern Branch, Los Angeles.

Notes on the private practice of psychology: J. HAROLD WILLIAMS, Los Angeles.

3-4 P. M.

Meeting of the Psychological Corporation Branch.

THE METRIC ASSOCIATION

THE meeting of the Metric Association held at the Lake Placid Club, July 10 and 11, was successfully completed according to schedule. On the way to the meeting a party of 19 stopped at Poughkeepsie and inspected the DeLaval Separator Company's large factory where the metric system has been used since 1908 and later took dinner at the Alumnae House at Vassar College.

Among the subjects emphasized at the meeting were the practical use of metric weights and measures in manufacturing, land survey, forestry, dietetics, hospitals, etc.; methods of increasing the association, firm, and individual membership of the association; and the correct use of the metric system.

Among the speakers were Drs. George F. Kunz, Melvil Dewey, W. P. Wilson, Fletcher Durell; the Misses Marian Durell, Rose Ralbe and Mildred Harrigan, and Messrs. Henry D. Hubbard, of the U. S. Bureau of Standards; E. L. Robinson, of the General Electric Co.; Theo. H. Miller, works manager of the DeLaval Separator Co.; Colonel C. S. Wadsworth, of Connecticut, and Eugene C. Bingham, of Lafayette College.

All interested in the metric movement are urged to join the Metric Association and assist in securing new members. As to the correct use of the metric system, it was generally conceded that where meters and fractions of a meter were used it is preferable to adhere to the decimal fractions of the meter. (A lapse in this practise may be noted in the excellent article by Professor F. A. Stromsten appearing in SCIENCE for July 10, 1925, where meters are used for soundings but where fractions of a meter occur other than decimal fractions are employed.)

Through the kindness of the Lake Placid Club, the Metric Association will again hold a summer meeting, on Friday and Saturday, July 9 and 10, 1926, at the club. Men and women are invited, and it is suggested that all those interested communicate now with the Metric Association, 156 5th Avenue, New York, N. Y., in order to secure reservations and add to the usefulness and success of the second summer meeting, in the interest of the metric movement.

HOWARD RICHARDS,
Secretary