

S. J. MELTZER and M. WOLLSTEIN: The influence of degeneration of a vagus nerve upon the development of pneumonia.

Demonstration of war research problems at the National Bureau of Standards.

Evening Session

William Ellery Hale Lecture, by James Henry Breasted, professor of Egyptology and Oriental history, University of Chicago. Subject: *The origin of civilization—from the old stone age to the dawn of civilization.*

Reception to members and guests at the United States National Museum, National Gallery of Art.

TUESDAY, APRIL 29

Morning Session

EDWIN H. HALL: The effect of great pressure on the electric conductivity and thermo-electric properties of metals.

EDWIN H. HALL: Comments on the results of Bridgman's experiments.

CHARLES LANE POOR (introduced by J. S. Ames): Line of position computer.

IRVING LANGMUIR: The arrangement of electrons in atoms and molecules.

HENRY F. OSBORN: Paleomastodon, the ancestor of the long-jawed mastodons only.

HENRY F. OSBORN: Seventeenth skeletons of *Moropus*: probable habits of this animal.

THOMAS B. OSBORNE and ALFRED J. WAKEMAN: The preparation of vitamine-free proteins.

ARTHUR G. WEBSTER: Tentative results in interior ballistics.

ARTHUR G. WEBSTER: Tentative results in elastic hysteresis.

Afternoon Session

EDWIN H. HALL: Thermal conduction in metals, from the standpoint of dual electric conduction.

EDWIN H. HALL: The thermo-electric equation $P = T \, dV/dT$ once more.

A. O. LEUSCHNER and SOPHIA H. LEVY: Perturbations of minor planets discovered by James C. Watson: (104) Clymene (106), Dione (168), Sibylla (175), Andromache. Read by title.

ARTHUR G. WEBSTER: The most perfect tuning fork.

ARTHUR G. WEBSTER: Angle of repose of wet sand.

EDWARD KASNER: Geometry of the wave equation.

C. G. ABBOT: Rotating projectiles from smooth-bore guns (illustrated).

C. G. ABBOT: Means for measuring the speed of projectiles in flight (illustrated).

C. G. ABBOT: Recent simultaneous measurements of the solar constant of radiation at Mount Wilson, California, and Calama, Chile (illustrated).

JOHN C. MERRIAM: Human remains from the Pleistocene of Rancho La Brea (illustrated).

William Ellery Hale Lecture, by James Henry Breasted, professor of Egyptology and Oriental history, University of Chicago. Subject: *The origin of civilization—the earliest civilization and its transition to Europe.*

WEDNESDAY, APRIL 30

Afternoon Session

Joint session National Academy of Sciences with National Research Council.

GEORGE E. HALE: The past work and future plans of the National Research Council.

JOHN C. MERRIAM: The Division of General Relations, Section on Relations with Educational Institutions and State Committees.

R. A. MILLIKAN: The Division of Physics, Mathematics, Astronomy and Geophysics.

DAYTON C. MILLER: Pressures and velocities, internal and external, due to the discharge of large guns.

E. W. WASHBURN: The Division of Chemistry and Chemical Technology.

A. A. NOYES: Nitrate investigations.

WHITMAN CROSS: The Division of Geology and Geography.

R. G. HUSSEY: The Division of Medicine and Related Sciences.

R. M. YERKES: Psychology in relation to the war.

C. E. MCCLUNG: The Division of Agriculture, Botany, Forestry, Zoology and Fisheries.

G. H. CLEVINGER: The Division of Engineering.

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