

SCIENCE

A WEEKLY JOURNAL DEVOTED TO THE ADVANCEMENT OF SCIENCE, PUBLISHING THE
OFFICIAL NOTICES AND PROCEEDINGS OF THE AMERICAN ASSOCIATION
FOR THE ADVANCEMENT OF SCIENCE.

EDITORIAL COMMITTEE: S. NEWCOMB, Mathematics; R. S. WOODWARD, Mechanics; E. C. PICKERING
Astronomy; T. C. MENDENHALL, Physics; R. H. THURSTON, Engineering; IRA REMSEN, Chemistry;
CHARLES D. WALCOTT, Geology; W. M. DAVIS, Physiography; HENRY F. OSBORN, Paleon-
tology; W. K. BROOKS, C. HART MERRIAM, Zoology; S. H. SCUDDER, Entomology; C. E.
BESSEY, N. L. BRITTON, Botany; C. S. MINOT, Embryology, Histology; H. P.
BOWDITCH, Physiology; WILLIAM H. WELCH, Pathology;
J. McKEEN CATTELL, Psychology.

FRIDAY, SEPTEMBER 25, 1903.

CONTENTS:

<i>The Address of the President of the British Association for the Advancement of Science:</i>	
SIR NORMAN LOCKYER.....	385
<i>Mendel's Law of Heredity:</i> PROFESSOR W. E. CASTLE	396
<i>Wilbur Clinton Knight:</i> AVEN NELSON.....	406
<i>Scientific Books:—</i>	
<i>Schneider's 'Lehrbuch der vergleichenden Histology der Tiere:</i> DR. BURTON D. MYERS	409
<i>Societies and Academies:—</i>	
<i>The American Mathematical Society:</i> PROFESSOR F. N. COLE.....	410
<i>Discussion and Correspondence:—</i>	
<i>Toxic Effects of Acids on Seedlings:</i> F. K. CAMERON	411
<i>Shorter Articles:—</i>	
<i>Primitive Flageolets:</i> E. H. HAWLEY.....	412
<i>Scientific and Technical Examinations.....</i>	413
<i>Scientific Notes and News.....</i>	413
<i>University and Educational News.....</i>	415

MSS. intended for publication and books, etc., intended for review should be sent to the responsible editor, Professor J. McKeen Cattell, Garrison-on-Hudson, N. Y.

ADDRESS OF THE PRESIDENT OF THE BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

THE INFLUENCE OF BRAIN-POWER ON HISTORY.

My first duty to-night is a sad one. I have to refer to a great loss which this Nation and this Association have sustained. By the death of the great Englishman and great statesman who has just passed away, we members of the British Association are deprived of one of the most illustrious of our confrères. We have to mourn the loss of an enthusiastic student of science who conferred honor on our body by becoming its President. We recognize that as Prime Minister he was mindful of the interests of science, and that to him we owe a more general recognition on the part of the State of the value to the nation of the work of scientific men. On all these grounds you will join in the expression of respectful sympathy with Lord Salisbury's family in their great personal loss which your council has embodied this morning in a resolution of condolence.

Last year, when this friend of science ceased to be Prime Minister, he was succeeded by another statesman who also has given many proofs of his devotion to philosophical studies, and has shown in many utterances that he has a clear understanding of the real place of science in modern civilization. We then have good grounds