

# 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.

FRIDAY, JANUARY 18, 1907

## CONTENTS

<i>The Present and Future of the American Chemical Society:</i> DR. W. F. HILLEBRAND.	81
<i>The Thirteenth Annual Meeting of the American Mathematical Society:</i> PROFESSOR F. N. COLE.....	95
<i>The American Physiological Society:</i> PROFESSOR LAFAYETTE B. MENDEL.....	96
<i>The American Society of Vertebrate Paleontologists:</i> DR. MARCUS S. FARR.....	98
<i>Scientific Books:—</i>	
<i>The Bulletin of the American Museum of Natural History:</i> L. P. GRATACAP. <i>Clements on the Relation of Leaf Structure to Physical Factors:</i> THOMAS H. KEARNEY. <i>Claassen's Beet-sugar Manufacture:</i> DR. F. G. WIECHMANN.....	99
<i>Scientific Journals and Articles.....</i>	104
<i>Societies and Academies:—</i>	
<i>The Biological Society of Washington:</i> M. C. MARSH.....	105
<i>Discussion and Correspondence:—</i>	
<i>Polyembryony and Sex Determination:</i> PROFESSOR WM. A. RILEY. <i>Variation or Mutation:</i> ARTHUR ERWIN BROWN. <i>New Mexico Geology:</i> DR. C. H. GORDON. <i>Geological Work in Arkansas by Professor Purdue:</i> DR. CHAS. D. WALCOTT.....	106
<i>Special Articles:—</i>	
<i>Evidence of Man in the Loess of Nebraska:</i> PROFESSOR ERWIN HINCKLEY BARBOUR....	110
<i>Astronomical Notes:—</i>	
<i>The United States Naval Observatory; The Solar Observatory of the Carnegie Institution; Positions of Stars in the Great Cluster in Hercules; Positions of Stars in the Clusters <math>\eta</math> and <math>\chi</math> Persei; Researches in Stellar Photometry:</i> PROFESSOR SOLON I. BAILEY .....	112
<i>Current Notes on Meteorology:—</i>	
<i>Climate and Climatic Changes in Kashmir; Monthly Weather Review; A Disappearing Lake:</i> PROFESSOR R. DE C. WARD.....	114
<i>John M. Brooke:</i> PROFESSOR W. LE CONTE STEVENS .....	115

<i>Publications of the American Ethnological Society .....</i>	116
<i>Scientific Notes and News.....</i>	117
<i>University and Educational News.....</i>	120

MSS. intended for publication and books, etc., intended for review should be sent to the Editor of SCIENCE, Garrison-on-Hudson, N. Y.

## THE PRESENT AND FUTURE OF THE AMERICAN CHEMICAL SOCIETY<sup>1</sup>

IN view of the far-reaching changes in our society that are to inaugurate the new year now at hand, it seems to me that no more fitting subject for an address on this occasion could be chosen than one which should present to our members a statement of its present condition, the reasons for the changes undertaken, the importance of these changes to all the chemists of North America, and the need of the loyal support of our present membership at the start in securing the structure of the greater edifice upon a firm and enduring foundation, so that a powerful organization may develop for building up the profession—an organization that shall be fully worthy of what may become, as has been predicted, the future stronghold of chemistry. This presentation seems specially called for at this moment, since the existing situation and what it is hoped to accomplish by the proposed changes are not fully known to a large proportion of our members, particularly that portion that is remote from the larger industrial and educational centers and unattached to our local sections. And

<sup>1</sup>Address of the president of the American Chemical Society, New York meeting, December, 1906.