

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, FEBRUARY 3, 1905.

CONTENTS:

<i>The National Bureau of Standards and its Relation to Scientific and Technical Laboratories:</i> PROFESSOR EDWARD B. ROSA.....	161
<i>The American Association for the Advancement of Science:—</i> <i>Section A—Mathematics and Astronomy:</i> PROFESSOR LAENAS GIFFORD WELD.....	174
<i>Albatross Expedition to the Eastern Pacific:</i> ALEXANDER AGASSIZ.....	178
<i>Scientific Books:—</i> <i>Halsted's Rational Geometry:</i> PROFESSOR ARTHUR S. HATHAWAY. <i>West on the British Freshwater Algæ:</i> DR. GEORGE T. MOORE..	183
<i>Scientific Journals and Articles.....</i>	185
<i>Societies and Academies:—</i> <i>Biological Society of Washington:</i> WILFRED H. OSGOOD. <i>Section of Geology and Mineralogy of the New York Academy of Science:</i> DR. AMADEUS W. GRABAU. <i>The Science Club of the University of Wisconsin:</i> F. W. WOLL.....	186
<i>Discussion and Correspondence:—</i> <i>A Biological Station in Greenland:</i> DR. PEHR OLSSON-SEFFER.....	189
<i>Special Articles:—</i> <i>The Dexter, Kansas, Nitrogen Gas Well:</i> PROFESSOR ERASMUS HAWORTH, D. F. McFARLAND and PROFESSOR H. L. FAIRCHILD..	191
<i>The Teaching of Agriculture in South Carolina:</i> P. H. MELL.....	193
<i>Scientific Notes and News.....</i>	195
<i>University and Educational News.....</i>	199

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

THE NATIONAL BUREAU OF STANDARDS AND ITS RELATION TO SCIENTIFIC AND TECHNICAL LABORATORIES.*

THE dedication of a large and well-appointed building to be devoted exclusively to instruction and research in physics is a notable event in the history of a college. In this instance it is the realization of a hope long cherished by many, and by none more than by the present speaker. That so splendid a building has been deemed necessary for the work to be done in physics suggests two things. First, the high standard which Wesleyan is setting for herself in this as in other departments of work, and, second, the rapid development which has occurred in recent years in physics, rendering imperative an equipment for experimental work of an entirely different order of magnitude from that thought sufficient a generation ago. So great has been the demand for the best instruments and standards to be used in experimental work, both in pure and in applied physics, that the government has been led to establish at Washington a national laboratory, one of whose functions is to cooperate with scientific and technical institutions and manufacturers in the work of improving instruments and standards and developing methods of measurement. It, therefore, seems not inappropriate that something be said on this occasion concerning this work of the national government, so recently in-

* An address delivered at the opening of the John Bell Scott Memorial Laboratory of Physical Science, at Wesleyan University, Middletown, Conn., December 7, 1904.

Science

21 (527)

Science 21 (527), 161-200.

ARTICLE TOOLS

<http://science.sciencemag.org/content/21/527.citation>

PERMISSIONS

<http://www.sciencemag.org/help/reprints-and-permissions>

Use of this article is subject to the [Terms of Service](#)

Science (print ISSN 0036-8075; online ISSN 1095-9203) is published by the American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005. 2017 © The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works. The title *Science* is a registered trademark of AAAS.