

# 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, SEPTEMBER 27, 1907

THE UNIVERSITIES OF AUSTRALIA AND  
NEW ZEALAND<sup>1</sup>

## CONTENTS

<i>The Universities of Australia and New Zealand: PRESIDENT DAVID STARR JORDAN ...</i>	393
<i>The American Association for the Advancement of Science:—</i>	
<i>Section E—Geology and Geography: DR. F. P. GULLIVER .....</i>	397
<i>Scientific Books:—</i>	
<i>Ridgway on the Birds of North and Middle America: DR. J. A. ALLEN. Annals of the Lowell Observatory: DR. HERMAN S. DAVIS</i>	404
<i>Societies and Academies:—</i>	
<i>Society for Experimental Biology and Medicine: PROFESSOR WILLIAM J. GIES .....</i>	408
<i>Discussion and Correspondence:—</i>	
<i>The Origin of Sink-holes: DR. E. H. SELARDS .....</i>	417
<i>Special Articles:—</i>	
<i>The Magnetic Field due to an Electric Current in a Straight Wire: DR. W. J. HUMPHREYS. Reflex Protective Behavior in Bufo variabilis: PROFESSOR MAYNARD M. METCALF .....</i>	417
<i>Botanical Notes:—</i>	
<i>The Origin of Angiosperms; The Study of Diatoms: PROFESSOR CHARLES E. BESSEY</i>	419
<i>Medals for Research in Tropical Medicine ..</i>	421
<i>Scientific Notes and News .....</i>	422
<i>University and Educational News .....</i>	424

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

## AUSTRALIA

I SHOULD not for a moment venture to make suggestions to the authorities of the university of which I am the guest were it not that these authorities have made a special request that I should give them an outline of my impressions. Each institution must work out its own destiny in its own way and as directed by its own environment. While each university must profit by the experience of others, as the universities of America have profited enormously by the experience of the universities of Germany, no university can use the methods of another unless these methods spring naturally, from likeness in conditions.

My direct knowledge of the University of Sydney is, as you know, slight. I have met some of its professors at different times and from these I have justly formed a high estimate of the character of the institution and of its work. For the rest, I have only the university Calendar and the impressions formed in a week of cordial hospitality.

The most important matter in a university is the character of its faculty. Next comes the degree of completeness of its

<sup>1</sup> In a course of lectures before the University of Sydney, President Jordan was asked to give a summary of his impression of the needs of the University of Sydney. A similar request was made at Wellington regarding the four colleges which constitute the University of New Zealand.