SCIENCE

FRIDAY, APRIL 16, 1915

THE UNIVERSITIES AND INVESTIGATION1

CONTENTS	
The $Universities\ and\ Investigation$: Professor	
RALPH S. LILLIE	553
The National Academy of Sciences	566
Eberhard Fraas: Professor Henry Fair-	
FIELD OSBORN	571
$\begin{tabular}{lll} {\it The Rockefeller Foundation} & {\it and General} \\ \end{tabular}$	
Gorgas	572
Scientific Notes and News	572
University and Educational News	574
Discussion and Correspondence:-	
Botany in Agricultural Colleges: A. N.	
HUME. Some Notes on Albinism: Dr.	
ARTHUR M. BANTA. Albinism in the English Sparrow: H. S. SWARTH, MAUNSELL	
Schieffelin Crosby, Dr. F. L. Washburn,	
G. Bathurst Hony, Jas. Drummond	575
Quotations:—	
An Attack on the Health Law of New York	
State	579
Scientific Books:—	
Calkins's Biology: PROFESSOR C. E. Mc-	
CLUNG. Shimer's Introduction to the Study of Fossils: Professor Percy E. Raymond.	500
of Fossus: Professor Fercy E. RAYMOND.	000
Special Articles:—	
On the Life of Animals with Suppressed	
Kidney Function: Professor Martin H. Fischer	584
TISCHER	001
Societies and Academies:—	
The Chicago Academy of Sciences. The Biological Society of Washington: M. W.	
Lyon, Jr. Anthropological Society of	
Washington: DANIEL FOLKMAR. Academy	
of Science of St. Louis: C. H. DANFORTH.	586

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

As a representative of the university and as one but recently come to live among you, it is perhaps fitting that I should use the opportunity which President Hall has so kindly given me to discuss certain phases of university work in which many of my own chief interests lie, but which are not often brought before the attention of our public. I refer to the relations of the universities of the country to original investigation, and particularly to scientific investigation, since it is with a part of this and necessarily in these days of specialization a small part—that I am personally concerned. Many of us in America have lived through a period in which the purposes and scope of the universities were at first not very clearly conceived; but as time has passed the situation has changed, and on the whole an agreement now prevails, which is likely to be permanent, regarding certain features of university policy which once were subjects of dispute. One of these is that investigation is an essential part of the work of every university. We now recognize that the universities have a double function to perform: one, that of disseminating liberal and scientific knowledge; the other, that of adding to it. There is nothing new in the idea that the chief concern of universities is liberal knowledge; i. e., knowledge of a kind not directed primarily toward special or utilitarian or personal ends, but scientific or humane knowledge, relating especially to those matters which have a broad human significance and general applica-

¹ Founder's Day Address at Clark University.