

SCIENCE

FRIDAY, MAY 1, 1914

CONTENTS

<i>The Study of Human Behavior</i> : PROFESSOR ROBERT M. YERKES	625
<i>Sweating the Scientist</i>	633
<i>Effect on the Propagation of Electric Waves of the Total Eclipse of the Sun</i>	638
<i>The Napier Tercentenary Celebration</i> : C. G. KNOTT	639
<i>The American Association for the Advancement of Science</i>	640
<i>Scientific Notes and News</i>	641
<i>University and Educational News</i>	644
<i>Discussion and Correspondence</i> :—	
<i>Interpretations of the Anomalies of Gravity</i> : DR. J. W. SPENCER. <i>Heads of Departments</i> : PROFESSOR F. L. WASHBURN	645
<i>Scientific Books</i> :—	
<i>De Vries's Gruppenweise Artbildung</i> : DR. BRADLEY M. DAVIS. <i>Monographia Uredinearum</i> : FRANK D. KERN. <i>Todd on the Primitive Family</i> : ELSIE CLEWS PARSONS ..	649
<i>Notes on the Sea Elephant</i> : DR. ROY CHAPMAN ANDREWS	656
<i>Special Articles</i> :—	
<i>Cards as Psychological Apparatus</i> : DR. LINUS W. KLINE AND CHESTER E. KELLOGG.	657
<i>Societies and Academies</i> :—	
<i>The Illinois Academy of Science</i> : PROFESSOR EDGAR N. TRANSEAU. <i>The Biological Society of Washington</i> : D. E. LANTZ	659

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

THE STUDY OF HUMAN BEHAVIOR¹

My part in this symposium must be that of the comparative psychologist who, while professionally engaged in the experimental study of the behavior of lower organisms, is keenly interested in human behavior and in the development of methods by which it may be profitably studied. I propose, in this discussion, to try to bring some of the experiences of the student of the behavior of animals to bear upon the problems which the eugenic investigator meets. Especially I shall attempt to indicate the necessity for an analytic procedure on the basis of carefully wrought out methods of experimental control and observation, and the thorough-going study of the components of human responses to situations rather than of complexes such as are actually presented to us in the behavior of human beings.

Human behavior is only a part, albeit a most important part, of the materials of the general science of organic behavior. It presents essentially the same kinds of problems as does the behavior of any other mammal; and it must be studied by methods similar to, if not actually identical with, those employed by the student of infra-human behavior. I should be in-

¹ The substance of the writer's contribution to a symposium on the Study of Human Behavior at the Conference on Eugenics, held at Cold Spring Harbor, Long Island, June 19 and 20, 1913. Being Contributions from the Psychopathic Hospital, Boston, Massachusetts, No. 25 (1913. 25): previous Contribution, P. H. Contributions 1913. 24, was Robert M. Yerkes: "Comparative Psychology: A Question of Definitions." *The Journal of Philosophy, Psychology and Scientific Methods*, October 9, 1913.

Science

39 (1009)

Science **39** (1009), 625-660.

ARTICLE TOOLS

<http://science.sciencemag.org/content/39/1009.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.