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, MAY 13, 1904.

${\it CONTENTS}$:	
Some Aspects of the Development of Comparative Psychology: Professor Wesley Mills	745
Scientific Books:—	
Theobald's Second Report to the British Museum on Economic Zoology: Professor F. M. Webster	757
Societies and Academies:—	
The Chemical Society of Washington: Dr. A. Seidell. The Science Club of the University of Mississippi: Professor Alfred Hume. The Science Club of the University of Wisconsin: Victor Lenher. The Elisha Mitchell Scientific Society of the University of N. Carolina: Professor A. S. Wheeler	758
Discussion and Correspondence:—	.00
Science, Nature and Criticism: Wm. J. Long. The Metric System: Professor Wm. Kent. Ichthyology in the 'Encyclopædia Americana': President David Starr Jordan	760
Special Articles:—	
The Multi-nippled Sheep of Beinn Bhreagh: DR. ALEXANDER GRAHAM BELL	767
Botanical Notes:— Popular Helps in the Study of the Fungi; Forest Fires in the Adirondacks in 1903; The Bacteriological Analysis of Soils; The Study of our Mosses; Summer Botany:	
Professor Charles E. Bessey	768
The Biological Laboratory of the Bureau of Fisheries	770
	770
The Cambridge Meeting of the British Asso-	110
ciation	771
Scientific Notes and News	772
University and Educational News	775

MSS. intended for publication and books, etc., intended for review should be sent to the Editor of Science, Garri

son-on-Hudson, N. Y.

SOME ASPECTS OF THE DEVELOPMENT OF COMPARATIVE PSYCHOLOGY.

It is probably most satisfactory in every way, if an address is to be general, that it shall have its foundation in the line of research which has most engaged the author for a number of years past. In harmony with this principle it was open to me to choose either some subject bearing on the anatomy and physiology of the nervous system, or one dealing with animal intelligence. To have treated the former in a way satisfactory to myself would have implied considerable illustration and the use of the lantern, which could likely not be carried out without breaking in on an evening, and that was more than I cared to ask the section to do; hence the selection of 'Some Aspects of the Development of Animal Intelligence,' as the topic of this address, the treatment of which must, in the nature of the case, be incomplete.

It is no doubt true that man is more dependent than any other animal on his environment, if we restrict that term to the material world about us, but the very expression 'Every man is the product of his age' conveys the truth that the greatest genius can get only so far beyond the average thought of his time. As Darwin long ago pointed out, the most important factor in man's environment is man himself. One has scarcely emerged from infancy before the accumulated forces of the ages in human traditions and knowledge begin to mold the developing human being, and determine what he shall be. So that, be as independent and original as any one may,