

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, JANUARY 5, 1906.

CONTENTS.

The American Association for the Advancement of Science:—

The Popular Conception of the Scientific Man at the Present Day: PROFESSOR W. G. FARLOW 1

The Problem of the Metalliferous Veins: PROFESSOR JAMES FURMAN KEMP..... 14

Scientific Books:—

Heilprin on the Tower of Pelée: ERNEST HOWE. *The Belgian Antarctic Expedition:* PROFESSOR W. H. DALL..... 29

Scientific Journals and Articles..... 31

Societies and Academies:—

The Geological Society of Washington: ARTHUR C. SPENCER. *The Kansas Academy of Science:* PROFESSOR E. H. S. BAILEY... 32

Discussion and Correspondence:—

Isolation and Evolution: EDWARD W. BERRY. *On the Human Origin of the Small Mounds of the Lower Mississippi Valley and Texas:* A. C. VEATCH..... 34

Special Articles:—

The Terminology of Aberrant Chromosomes and their Behavior in Certain Hemiptera: PROFESSOR THOS. H. MONTGOMERY, JR..... 36

Scientific Notes and News..... 38

University and Educational News..... 40

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

THE AMERICAN ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE.

THE POPULAR CONCEPTION OF THE SCIENTIFIC MAN AT THE PRESENT DAY.¹ -

We are so accustomed to hear reports on the progress of science that we have almost ceased to ask ourselves what we mean by progress. What is or is not progress depends of course on the point of view. Some are so far ahead of the majority that they can not see how much progress is made by those behind them; others are so far in the rear that they can not distinguish what is going on ahead of them. We must also admit that there are different directions in which progress may be made. You have all seen the agile crab and been surprised to find how rapidly he gets over the ground, although he never seems to go ahead, but to scramble off sideways. The crab, perhaps, wonders why men are so stupid as to try to move straight forward. It is a popular belief, but, not being a zoologist, I am not prepared to vouch for its correctness, that the squid progresses backward, discharging a large amount of ink. One might perhaps ask: Is the progress of science sometimes like that of the crab, rapid but not straight forward, or, like the squid, may not the emission of a large amount of printer's ink really conceal a backward movement? So far as the accumulation of facts is concerned, there is a steady onward progress in science and it is only in the unwise or premature theorizing on known or supposed facts that science

¹ Address of the president of the American Association for the Advancement of Science, New Orleans meeting, 1905.