

# SCIENCE

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## CONTENTS

|  |     |
|--|-----|
| <i>The American Association for the Advancement of Science:—</i>   |     |
| <i>Comparative Measurements of the Changing Cost of Living: PROFESSOR J. PEASE NOR-<br/>TON .....</i>  | 159 |
| <i>Plans for a Greater University of Montana .</i>   | 170 |
| <i>Thomas Harrison Montgomery .....</i>  | 171 |
| <i>Scientific Notes and News .....</i>   | 172 |
| <i>University and Educational News .....</i>   | 175 |
| <i>Discussion and Correspondence:—</i>   |     |
| <i>On Comparing Ammonifying Coefficients of<br/>Different Soils: WALTER G. SACKETT. The<br/>Terms Segment and Segmentation in Geol-<br/>ogy: GEO. I. ADAMS. Is the "Academic<br/>Costume" Worth while? PROFESSOR BURT<br/>G. WILDER. The Late Dr. Edwin Tausch:<br/>PRESIDENT DAVID STARR JORDAN .....</i> | 176 |
| <i>Scientific Books:—</i>  |     |
| <i>Sladen on the Humble Bee: PROFESSOR W.<br/>M. WHEELER. FitzSimons on the Snakes of<br/>South Africa: PROFESSOR ALEXANDER G.<br/>RUTHVEN. Watson's General Physics, Her-<br/>ing's Essentials of Physics: PROFESSOR G.<br/>F. HULL .....</i>   | 180 |
| <i>Special Articles:—</i>  |     |
| <i>The Nutritive Value of the Proteins of<br/>Maize: PROFESSOR THOMAS B. OSBORNE.<br/>Discovery of Bivalve Crustacea in the Coal<br/>Measures, near Pawtucket, R. I.: WINTHROP<br/>P. HAYNES. The Electromotive Force pro-<br/>duced by the Acceleration of Conductors:<br/>RICHARD C. TOLMAN .....</i>    | 185 |
| <i>The American Society for Pharmacology and<br/>Experimental Therapeutics: DR. J. AUER .</i>  | 193 |
| <i>The Tennessee Academy of Science: WILBUR<br/>A. NELSON .....</i>  | 195 |
| <i>The New York Academy of Sciences: DR. E.<br/>O. HOVEY .....</i>   | 196 |
| <i>Societies and Academies:—</i>   |     |
| <i>The Helminthological Society of Washing-<br/>ton: MAURICE C. HALL .....</i>   | 197 |

## THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE COMPARATIVE MEASUREMENTS OF THE CHANGING COST OF LIVING<sup>1</sup>

THE changing cost of living is a fundamental cause of many reactions in the complexes of social phenomena. In fact, it is probable that an economic interpretation of many important historical movements may be developed from future study of such events as possible effects of this probable fundamental cause of radical movements in human societies, such as extensive revolutions and even international wars.

Political economists, at any rate, should hold always before them the idea that mankind is subject first to the primary economic problems of self-maintenance. The changing cost of living is another phrase to denote in a civilized society this factor of relative self-maintenance which is so important in the study of the more primitive societies. Thus, on the side of the consumption of commodities, we may measure the changing cost of the primary necessities in terms of the prices of the markets.

With the development of markets and with the establishing of standard grades for leading commodities, it becomes possible to fix rather definitely comparative prices of all of the more important commodities. As a result, we may compare with a considerable degree of accuracy the fluctuations in the changing cost of living over a series of successive years. Of course, the greater problem of constructing an index number of relative welfare which shall

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

<sup>1</sup> Address of the vice-president and chairman of Section I, American Association for the Advancement of Science, Cleveland, January 3, 1913.