SCIENCE

FRIDAY, JUNE 12, 1914

CONTENTS

The Financial Status of College Teachers	847
Soil Erosion and its Remedy by Terracing and Tree Planting: Professor J. Russell Smith	858
The Massachusetts Institute of Technology and the State	862
Preservation of the National Monuments of China	863
The British Association in Australia	864
Scientific Notes and News	865
University and Educational News	869
Discussion and Correspondence:— The Organization of a University Depart- ment: PROFESSOR BRANDER MATTHEWS. The New Fur-seal Investigation: GEORGE ARCHI- BALD CLARK. The Preservation of Anthro- poid Apes: DR. H. GIFFORD	870
Scientific Books:— Hazen on Clean Water and Houston on Water Supply: Dr. GEORGE A. SOPER. Guppy's Studies in Seeds and Fruits: PRO- FESSOR JOHN W. HARSHBERGER	872
Special Articles:— A New Marking System and Means of Meas- uring Mathematical Abilities: PROFESSOR FLORIAN CAJORI	874
The American Association for the Advance- ment of Science:— Section B—Physics: Dr. W. J. HUMPHREYS	881
Societies and Academies :— Academy of Science of St. Louis: C. H. DANFORTH	882

THE FINANCIAL STATUS OF COLLEGE TEACHERS1

IN 1908 the Foundation reported in its second bulletin the results of an enquiry concerning the financial status of the teaching staff of higher institutions in America and Germany. An examination of salary schedules for the year 1912–13 makes it possible to treat certain of the topics of that bulletin more fully and to measure the change in salaries during the past five years.

THE VARIABILITY OF SALARIES IN THE SAME INSTITUTION

A small institution performing a fairly unified educational service, such as giving instruction in the traditional academic subjects, or training engineers, or teaching law, may do its work conveniently with a staff of men graded rather sharply as, say, professors, assistant professors and instructors, with a fixed salary attached to each grade or title. The teaching staff may even be on almost absolute financial equality, four fifths of its members being "professors" and doing the work of teaching with here and there an assistant of lower title and salary.

Such simple fiscal arrangements were common a generation ago; they still persist in some of the older and smaller colleges; but they are now becoming obsolete, and no one can understand the financial sta-

¹Based upon a study by Professor Edward L. Thorndike, of Teachers College, Columbia University, of reports made by the institutions to the Foundation. From the eighth Annual Report of the President of the Carnegie Foundation for the Advancement of Teaching.

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