SCIENCE

FRIDAY, MAY 12, 1916

CONTENTS

| The One Hundredth Anniversary of the United States Coast and Geodetic Survey:— | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Account of the Celebration: WILLIAM BOWIE | 655 |
| Address of the President of the United States | 656 |
| The United States Geological Survey and its Relation to the United States Coast and Geodetic Survey: Dr. George Otis Smith. | 659 |
| Addresses at the Centennial Exercises | 665 |
| Fraternitas Medicorum—a Report and a Discussion: Dr. S. J. Meltzer | 675 |
| Grants for Scientific Research: Professor Charles R. Cross | 680 |
| The New York Meeting of the American Association for the Advancement of Science. | 681 |
| Scientific Notes and News | 682 |
| University and Educational News | 6 85 |
| Discussion and Correspondence:— The Origin of Pacific Island Faunas: Dr. W. D. Matthew. Belgian Hare, a Misleading Misnomer: Dr. M. W. Lyon, Jr. The Vapor Pressure of Solutions: Professor James H. Ransom | 686 |
| Scientific Books:— Newell and Drayer on Engineering as a Career: Professor W. F. M. Goss. Levy on the Rare Earths: Philip E. Browning. Cunningham on Relativity and the Electron | • |
| Theory: Professor Edwin Bidwell Wilson | 687 |
| Special Articles:— The Relation of Osmotic Pressure and Imbibition in the Living Muscle: Dr. Jacques Loeb | 688 |
| Societies and Academies:— The Kansas Academy of Science | 690 |

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

THE ONE-HUNDREDTH ANNIVERSARY OF THE UNITED STATES COAST AND GEODETIC SURVEY

ACCOUNT OF THE CELEBRATION

In eighteen hundred and sixteen the United States Coast Survey was organized under Mr. Ferdinand Rudolph Hassler, as superintendent, and field work was begun.

This event was fittingly celebrated in Washington on the fifth and sixth of April last by public meetings in the auditorium of the New National Museum at Washington at which papers were presented by representative men in the fields of science, engineering, commerce, government and military affairs.

The celebration closed with a banquet at the New Willard Hotel, the evening of the sixth, at which the President of the United States was the principal speaker. The other banquet addresses were by the Secretary of the Navy, the Secretary of Commerce, the minister of Switzerland, and former superintendent of the Survey, Dr. T. C. Mendenhall.

The superintendent of the Survey, Mr. E. Lester Jones, presided at the banquet and at the three public sessions at the museum. He opened the session with well-chosen remarks and was followed by Mr. Redfield, Secretary of Commerce, the department of which the Survey is a bureau. Mr. Redfield paid a tribute to the valuable work done by the members of the Survey during the hundred years of its existence. He made a plea for support from the public and from Congress in order that the Survey might greatly extend its usefulness to the science, industries, commerce and defense of the nation.