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, December 25, 1903.

CONTENTS:
Grants made by the Carnegie Institution .... 801
Membership in the American Association .... 822
Scientific Books:—
Dodge's General Zoology: Professor William Morton Wheeler ........................................ 824
Scientific Journals and Articles ............... 825
Societies and Academies:—
The Convocation Week Meetings of Scientific Societies; The Society of the Vertebrate Paleontologists of America: Professor W. S. Williston, Dr. O. P. Hay. North Eastern Section of the American Chemical Society: Arthur M. Comey. Special Meeting of the Washington Chemical Society: A. Sedgwick ........................................ 826
Shorter Articles:—
Osteological Terms: Professor S. W. Williston. The Origin of Female and Worker Ants from the Eggs of Parthenogenetic Workers: Professor William Morton Wheeler ........................................ 829
Quotations:—
The Carnegie Institution; The Rhodes Scholars ......................................................... 833
Recent Zoopaleontology:—
Vertebrate Paleontology in the United States Geological Survey .................................... 835
Scientific Notes and News ........................ 837
University and Educational News ............. 840

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

GRANTS MADE BY THE CARNEGIE INSTITUTION.

At the last annual meeting the trustees set apart $200,000 for grants for research during the fiscal year 1902–3. The following is a list of grants made by the executive committee under such authority. Each one is accompanied by a brief statement of the results thus far obtained. When an investigation is completed, a final report will be submitted by the grantee. This may be printed either in abstract or in full in the 'Year Book.'

ANTHROPOLOGY.


Abstract of Report.—This scheme of investigation will require four or five years for its completion. It is a study of the religious ceremonies of the Pawnee Indians, with direct reference to the mythological origin of each ceremony, and to obtaining a clear and comprehensive understanding of the religious systems of the Pawnees.

The work of collecting and arranging the details of the region of the religion was begun early in the year, and has been pushed forward as rapidly as possible. The work of the first year was to obtain the mythology of the Skidi on the one hand, and the Chai, Kitkahahki and Pittahaurata bands of Pawnees on the other, and of the Wichita and Arikara. The second re-