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.

EDITORIAL COMMITTEE: S. NEWCOMB, Mathematics; R. S. WOODWARD, Mechanics; E. C. PICKERING, Astronomy; T. C. MENDENHALL, Physics; R. H. THURSTON, Engineering; IRA REMSEN, Chemistry; CHARLES D. WALCOTT, Geology; W. M. DAVIS, Physiography; HENRY F. OSBORN, Paleontology; W. K. BROOKS, C. HART MERRIAM, Zoology; S. H. SCUDDER, Entomology; C. E. BESSEY, N. L. BRITTON, Botany; C. S. MINOT, Embryology, Histology; H. P. BOW-DITCH, Physiology; J. S. BILLINGS, Hygiene; WILLIAM H. WELCH, Pathology; J. MCKEEN CATTELL, Psychology.

FRIDAY, DECEMBER 5, 1902.

CONTENTS:

Ogden N. Rood: Professor W. LE CONTE	
STEVENS International Congress of Americanists at	881
New York: Professor Alexander F.	
CHAMBERLAIN	884
Fifth International Congress of Applied	
Chemistry: Dr. H. W. WILEY	899
Scientific Books:	
Recent Papers on Brachiopoda: PROFESSOR	
C. E. BEECHER. Gauss's Curved Surfaces: PROFESSOR A. S. HATHAWAY. van't Hoff's	
Vorträge über nhusikalische Chemie: PRO-	
Vorträge über physikalische Chemie: Pro- FESSOR THEODORE W. RICHARDS	901
Societies and Academies:—	001
The American Association for the Advance-	
ment of Science. N. Y. Academy of Sci-	
ment of Science. N. Y. Academy of Sciences: Section of Geology and Mineralogy:	
DR. EDMUND O. HOVEY. Section of Astron-	
omy, Physics and Chemistry: Dr. S. A.	
MITCHELL. The Elisha Mitchell Scientific	
Society: PROFESSOR CHARLES BASKERVILLE.	904
Discussion and Correspondence:—	
The Kinetic Theory and the Expansion of a Compressed Gas into a Vacuum: PROFESSOR	
R. W. Wood. Bitter Rot of Apples: Pro-	
FESSOR T. J. BURRILL. A Peculiar Hail-	
FESSOR T. J. BURRILL. A Peculiar Hail- storm: DR. ALFRED W. G. WILSON. What	
is Nature Study? PROFESSOR W. J. BEAL.	
DR. A. S. PACKARD, PROFESSOR JOHN M. COULTER, PROFESSOR C. P. GILLETTE, PRO-	
COULTER, PROFESSOR C. P. GILLETTE, PRO-	
FESSOR W. M. DAVIS, PROFESSOR A. E. VER-	
RILL, PRESIDENT DAVID STARR JORDAN, PRO- FESSOR THOMAS H. MACBRIDE	000
Shorter Articles:—	908
Teeth in Baptanodon: CHARLES W. GIL-	
MORE	913
Current Notes on Physiography:	
Rivers of South Dakota; Argentine- Chilean Boundary; Maps of Faroe Islands:	
Chilean Boundary; Maps of Faroe Islands:	
PROFESSOR W. M. DAVIS	914
The Magnetic Survey of Louisiana	915
The Rhodes Scholarships	916 917
Scientific Notes and News University and Educational News	917
	0.00

OGDEN N. ROOD.

AFTER an illness of less than a week, Professor Rood died at his home in New York on Wednesday, November 12. At the time of his death he was the senior member of the faculties of Columbia University.

Ogden Nicholas Rood was born at Danbury, Connecticut, on February 3, 1831. His father was a Congregational minister, and his mother, Aleida Gouverneur Ogden, belonged to an old and aristocratic family of New York. When seventeen years of age he was sent to Princeton, where he was graduated in 1852. He had already exhibited marked aptitude for experimental science, and this fact decided his taking a course of post-graduate study at the newly organized Sheffield Scientific School in New Haven, where the two Sillimans, father and son, in conjunction with James D. Dana, had established a focus of American scientific activity. This course was crowned with the degree of master of arts, there being at that day little or no differentiation of scholastic degrees in this country.

In 1854 young Rood went to Europe, continuing his scientific studies at the universities of Munich and Berlin during four years, but without taking the doctor's degree. This was in nowise due to lack of fitness for it, but rather to his life-long