## 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

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The American Association for the Advancement of Science:— Section A—Mathematics and Astronomy:	MSS. intended for publication and books, etc., intended for review should be sent to the Editor of Science, Garrison-on-Hudson, N. Y.
Professor Laenas Gifford Weld 605  The Astronomical and Astrophysical Society of America, II: Professor Harold Jacoby 608	THE SANITARY ENGINEERING PROBLEMS OF WATER SUPPLY AND SEWAGE DISPOSAL IN NEW YORK CITY <sup>1</sup>
Scientific Books:—  Iddings on Rock Minerals: Dr. George P.  Merrill. Hough and Sedgwick's Human Mechanism: C. W. H	THE Section on Public Health of the New York Academy of Medicine is formed at a peculiarly opportune time. Never
Scientific Journals and Articles 619	before has sanitary information of a re-
Societies and Academies:—  The Geological Society of Washington: Dr. Fred. E. Wright. The Philosophical Society of Washington: R. L. Faris. Clemson College Science Club: S. B. Earle. The Elisha Mitchell Scientific Society: Professor Alvin S. Wheeler. The St. Louis Chemical Society: Dr. C. J. Borgmeyer	liable, authentic character been so much desired by the public, nor so difficult for the public to obtain.  Our great universities have, for the most part, failed to recognize the vast popular and educational value which would attach to the establishment of adequate facilities
Discussion and Correspondence:— The First Reviser and Elimination: D. W. Coquillett. Polished Pebbles: Professor R. D. George	for teaching sanitary science, hygiene, public health or preventive medicine, as that body of knowledge which relates to
Special Articles:— Upon the Teaching of the Subject of Respiration: Professor Charles H. Shaw 627	the prevention of disease is variously termed, and have left this kind of teaching largely to the newspapers and to the gen-
Quotations:— 'Newspaper Science'	eral practitioner of medicine. Unfortunately, physicians do not always appreciate
Botanical Notes:—  Studies of Texan Vegetation; Gardner's Studies of the Cyanophyceae; Short Notes; The North American Flora: Professor Charles E. Bessey 631	their importance as sanitary teachers.  It is in consequence of this that vast stores of scientific facts which are being constantly collected, and which bear upon the causes and ways of preventing disease,
The New Chemical Laboratory of the Rensselaer Polytechnic Institute: PROFESSOR W. P. MASON	<sup>1</sup> Address delivered at the opening of a Section on Public Health of the New York Academy of

Medicine, January 8, 1907.

Allan Macfadyen ...... 635