

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. BOWDITCH, Physiology; J. S. BILLINGS, Hygiene; WILLIAM H. WELCH, Pathology; J. McKEEN CATTELL, Psychology; J. W. POWELL, Anthropology.

FRIDAY, AUGUST 2, 1901.

CONTENTS:

<i>Doctorates Conferred by American Universities</i>	161
<i>A Basis of Scientific Thought: PROFESSOR CHARLES BASKERVILLE</i>	165
<i>Formative Museum Period: L. P. GRATACAP</i>	168
<i>Scientific Books:—</i>	
<i>Publications of the Japanese Earthquake Investigation: DR. T. C. MENDENHALL. Fürbringer on the Classification and Genealogy of Reptiles: O. P. HAY. Clark on Allegany County, Maryland: GEORGE W. STOSE.</i>	178
<i>Scientific Journals and Articles</i>	182
<i>Discussion and Correspondence:—</i>	
<i>The Larynx as a Musical Instrument: PROFESSOR E. W. SCRIPTURE</i>	183
<i>Shorter Articles:—</i>	
<i>The Origin of Travertine Falls and Reefs: PROFESSOR J. C. BRANNER. Pseudoscopic Vision without a Pseudoscope: PROFESSOR R. W. WOOD.</i>	184
<i>The Botanist's Journey to the Denver Meeting of the A. A. A. S.:—</i>	
<i>The Sand Hills of Nebraska; The Grassy Covering of the Great Plains; Trees of the Rydberg Cottonwood: PROFESSOR CHARLES E. BESSEY</i>	185
<i>The American Forestry Association</i>	188
<i>The American Association for the Advancement of Science</i>	188
<i>Scientific Notes and News</i>	189
<i>University and Educational News</i>	192

DOCTORATES CONFERRED BY AMERICAN UNIVERSITIES.

THE following table, compiled from official sources, gives details in regard to the conferring of the degree of Doctor of Philosophy during the past academic year:

	Humanities.	Sciences.	Total for 1901.	1900.	1899.	1898.
Yale.....	21	18	39	26	30	34.
Chicago.....	20	16	36	37	24	36
Johns Hopkins..	11	19	30	33	38	33
Harvard.....	14	15	29	36	24	26
Columbia.....	12	13	25	21	33	22
Pennsylvania...	13	12	25	9	20	24
Cornell.....	8	13	21	19	7	19
Virginia.....	4	4	8	2	2	0
Clark.....	0	7	7	9	5	12
New York.....	5	1	6	7	9	5
Wisconsin.....	2	3	5	5	7	5
Columbian.....	2	1	3	5	0	1
Michigan.....	3	0	3	5	4	7
Princeton.....	3	0	3	3	3	0
Brown.....	1	1	2	3	3	1
Minnesota.....	2	0	2	3	2	1
California.....	0	2	2	2	3	1
Stanford.....	1	1	2	2	0	2
Bryn Mawr.....	0	2	2	1	3	3
Vanderbilt.....	0	1	1	3	0	0
Nebraska.....	0	1	1	1	1	2
Washington.....	0	1	1	0	2	0
Tulane.....	0	0	0	1	0	0
Colorado.....	0	0	0	0	1	0
Kansas.....	0	0	0	0	1	0
Missouri.....	0	0	0	0	1	0
Syracuse.....	0	0	0	0	1	0
Total.....	122	131	253	233	224	234

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.

The table shows that the degree was conferred on 253 candidates, an increase of 20