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, November 2, 1906.	Scientific Notes and News
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The Concurrence and Interrelation of Volcanic and Seismic Phenomena: Professor Angelo Heilprin	MSS. intended for publication and books, etc., intended for review should be sent to the Editor of SCIENCE, Garrison-on Hudson, N. Y.
Scientific Books:— Wright and Hayford's The Adjustment of Observations by the Method of Least Squares with Applications to Geodetic Work: Dr. S. A. MITCHELL. Miller's Technik des physikalischen Unterrichts: Professor J. S. Ames	invertig so integer character the attention of
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Societies and Academies:— The American Philosophical Society. The Society for the Promotion of Agricultural Education	deeply impressed the world with the sense of insecurity that attaches to life upon a still unstable planet, make perhaps per-
Discussion and Correspondence:— The Smithsonian Institution and Research: Professor Carl H. Eigenmann. The Mutation Theory in Animal Evolution: Dr. Chas. B. Davenport. The Rigidity of the Earth: Dr. T. J. See. Anatomic Nomenclature: Professor Burt G. Wilder. Left-handedness: Professor O. T. Mason. 553 Special Articles:—	tinent at this time a re-inquiry into some of the general phases of the phenomena as they are thought to be known to us. In announcing certain conclusions in this paper which are at variance with the views
The Relative Merits of the 'Elimination' and 'First Species' Method in fixing the Types of Genera—with special reference to Ornithology: WITMER STONE. Generic Names of Merycoidodonts: EARL S. DOUGLASS. Origin of the Depression known as Montezuma's Well, Arizona: PROFESSOR WM. P. BLAKE	fields of inquiry which the paper touches the author recognizes that the facts or data bearing out his conclusions may be though by some to be presumptive rather than posi- tive; but, whether so or not, he believes they are of a kind that must be taken account
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The Huxley Lecture 568	, and the second of equal
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Potsdam Photometric Durchmusterung: PROFESSOR SOLON I. BAILEY 569	hold the opposed or generally received con- clusions.
Botanical Notes:— Botany in the St. Louis Congress of 1904; Two and Three Pistils in Cassia Chamaecrista; Engler's Pflanzenreich: PROFESSOR CHARLES E. BESSEY	The two most important contributions to our knowledge of volcanic and seismic ¹ Paper read before the Tenth International Geological Congress, held in the City of Mexico
Chemical Abstracts 572	September 6, 1906.

SCIENTIFIC JOURNALS AND ARTICLES.

The Museums Journal of Great Britain for September contains the following articles: 'On a Collection to Illustrate the Origin and Structure of Rocks,' by H. C. Sorby; 'A Method of Exhibiting Coins,' by F. R. Rowley; 'Notes on Models of Protozoa,' by F. R. Rowley; 'On the Hanging and Care of Pictures,' by Richard Quick; and 'A Method of Preserving Tortoises,' by J. E. Duerden. The reports of a number of museums are noted, giving a good idea of the general activity in museum work in England, as well as showing how much is being done there to make museums at once interesting and instructive to the general public. It is stated that it is the intention to make the Tolcross branch of the Glasgow Museum a museum for children.

The following extract from the report of the Stockport Museum deserves a wide circulation: "Many people do not realize that the true foundation of a municipal museum is educational, seeming to regard it as a receptacle for their useless old lumber and rubbish."

The Report of the Manchester Museum, Owens College, for 1905–1906, shows a welcome improvement in its finances, due to an extra appropriation by the university, which already furnishes the major part of the \$14,000 (in round numbers) devoted to its support. Dr. Hoyle's address, 'The Education of a Curator,' is reprinted as one of the museum publications and should be widely read. There are still people who inquire if a curator needs any special training and apply for a position as curator of anything.

The Report of the Curator of the museum of the University of Michigan shows progress in rearranging and caring for the collections, and gives an outline of the summer's work in the ecological survey of Isle Royale. Under the direction of Mr. C. C. Adams the museum work seems to have been carried on in the best possible manner for a university museum, but it is doubtful if Mr. Adams's remarks as to the benefits of explorations can be applied indiscriminately to all museums. Mr. Adams has just accepted a position in the Museum of the Cincinnati Society of Natural

History where his energy and experience in museum work will be of great service.

SOCIETIES AND ACADEMIES.

THE AMERICAN PHILOSOPHICAL SOCIETY.

The program for the stated meeting, October 19, 1906, was as follows:

T. J. J. See, Ph.D.: 'The Cause of Earthquakes, Mountain Formation and Kindred Phenomena connected with the Physics of the Earth.'

ERIC DOOLITTLE: 'Problems of Double Star Astronomy.' (With lantern illustrations.)

GEO. M. ROMMEL, B.S.A., AND E. F. PHILLIPS, PH.D.: 'Inheritance in the Female Line of Size of Litter in Poland China Sows.'

THE SOCIETY FOR THE PROMOTION OF AGRICUL-TURAL SCIENCE.

THE program for the meeting which will be held at Baton Rouge, La., on November 13, is as follows:

9:30 A.M. Meeting of officers and executive committee.

10:30 A.M. Public meeting. (1) 'Importance of Nitrogen as Plant Food,' Professor T. F. Hunt, Cornell University; (2) 'Teaching Agriculture in Public Schools,' Professor S. M. Tracy, Biloxi, Miss.; (3) 'The Growing Importance of Plant Physiology in Agricultural Education,' Dr. Chas. E. Bessey, University of Nebraska; (4) 'The Growing of Alfalfa East of the Mississippi,' Dr. J. E. Beal, Michigan Agricultural College; (5) 'The Problem of Reforesting New England,' Professor F. Wm. Rane, State Forester, Mass.

2:00 P.M. Symposium: Experimental Work.
(a) 'What is Research?' Professor Thos. F. Hunt,
Cornell University; (b) 'Tendencies in Station
Work as Influenced by the Conception of Scientific Investigation,' Dr. H. J. Wheeler, Rhode
Island College; (c) 'Scientific Methods in Research,' Dean H. J. Waters, University of Missouri; (d) 'The Experiment Stations and the
Adams Act,' Dr. C. D. Woods, University of Maine.
(e) General discussion.

8:00 P.M. Evening meeting. President's Annual Address. Subject: 'The Promotion of Agricultural Science,' Dr. Henry Prentiss Armsby, State College, Pa.

DISCUSSION AND CORRESPONDENCE.

THE SMITHSONIAN INSTITUTION AND RESEARCH.

So much has been said about the advantages of herding scientific workers that a small voice