

— *The American Garden* of New York has taken another step forward by the incorporation of its business under the title of "The Garden Publishing Company, Limited." The management goes on largely in the same hands, but with the more intimate connection of several able men, who really have had much to do in making *The American Garden* what it has become; and, with increased means, the editor expects to more rapidly improve the magazine, and increase the business in proper lines. The organization of the new company stands as follows: Lawson Valentine, president; Charles Barnard, vice-president; L. H. Bailey; John DeWolf, secretary; Edgar H. Libby, treasurer. Mr. Valentine is also president of the Christian Union Company; a prominent member of the great publishing-house of Houghton, Mifflin, & Co., owner of Houghton Farm; and president of the Lawson Valentine Company, makers of fine varnishes. Mr. Barnard is connected with The Century Company, author of that wonderfully successful

drama, "The County Fair," author of numerous successful books on technical subjects, and a practical horticulturist as well. Professor Bailey is head of the new horticultural department at Cornell University, and a thoroughly practical man of wide experience. Mr. DeWolf is a professional landscape-gardener, for several years head of the art department and assistant editor of *The American Garden*. Mr. Libby has been the editor and publisher for four years and a half, and has pushed the business with hard work and exceptional skill.

— The editorial management of the *North American Review* is at present in the hands of Mr. William H. Rideing.

— Macmillan & Co. will publish shortly an appendix to Grove's "Dictionary of Music and Musicians," which completes the fourth and concluding volume of the work. A full index to the work is in preparation, which will be published later in a separate volume.

Publications received at Editor's Office,
May 27-June 1.

- DAWSON, G. M. Report on an Exploration in the Yukon District, N. W. T., and Adjacent Northern Portion of British Columbia, 1887. Montreal, Dawson Bros. 277 p. 8°. 30 cents.
- EMERSON, R. W. The Fortune of the Republic and other American Addresses. (Riverside Literature Series, No. 42.) Boston and New York, Houghton, Mifflin, & Co. 109 p. 16°. 15 cents.
- GRIMES, J. S. Geonomy: Creation of the Continents by the Ocean Currents. And Kosmonomia: the Growth of Worlds and the Cause of Gravitation. Philadelphia, Lippincott. 139 p. 16°. 50 cents.
- KELLOGG, M. M. Tullii Ciceronis Brutus de Claris Oratoribus. Boston and London, Ginn. 196 p. 12°.
- KING, C. "Laramie," or, The Queen of Bedlam. A Story of the Sioux War of 1876. Philadelphia, Lippincott. 277 p. 12°. \$1.
- SANBORN, J. W. Go to the Ant and learn Many Wonderful Things. Cincinnati, Cranston & Stowe; New York, Hunt & Eaton. 119 p. 12°.
- THOMSON, J. Travels in the Atlas and Southern Morocco. New York, Longmans, Green, & Co. 488 p. 12°. \$3.
- VIGNOLES, O. J. Life of Charles Blacker Vignoles. London and New York, Longmans, Green, & Co. 407 p. 8°. \$5.

Old and Rare Books.

One Million Magazines. Back numbers, vols. and sets—old and new, Foreign and American. CATALOGUE UPON APPLICATION.

A. S. CLARK,
34 Park Row, New York City.

BACK NUMBERS and complete sets of leading Magazines. Rates low. AM. MAG. EXCHANGE, Schoharie, N. Y.

H. WILLIAMS,
Dealer in Old Magazines, Reviews, &c. Scientific periodicals a specialty. 39 Macdougall St., N. Y.

Readers of Science

Corresponding with or visiting Advertisers will confer a great favor by mentioning the paper.

Correspondence solicited with parties seeking publishers for scientific books.

N. D. C. HODGES,
Publisher of Science,
47 Lafayette Place,
New York.

IN PRESS FOR EARLY PUBLICATION.

GEOLOGY AT A GLANCE.

Ives Strata Map of the United States,

In which the Architecture of the Earth's Crust is Graphically Exhibited, Illustrating Fundamental Facts alike of

STRUCTURAL GEOLOGY AND PHYSICAL GEOGRAPHY.

The Strata Map is a device for the more efficient teaching of Physical Geography and Elementary Geology in Schools. It consists of a series of Superimposed Maps, of DIFFERENT COLORS, representing the several geological formations of the district, enclosed in a frame, the whole hinged to ad-

mit of examination in detail. By its means superposition, denudation, and outcrop of strata are graphically exhibited, with the phenomena of escarpments, outliers, inliers, dip, strike, conformability, &c., and the Cards may be bent to show synclinal or anticlinal folds.

OPINIONS OF EMINENT GEOLOGISTS.

- Yale University. Professor James D. Dana. "Well fitted for the use of instruction in the science."
- Professor Addison E. Verrill. "It will be of very great advantage in the teaching of geology."
- Harvard University. Professor N. S. Shaler. "An extremely useful adjunct to our means of illustration."
- Johns Hopkins University. President D. C. Gilman. "Wherever American geology is taught your map should be a part of the apparatus."
- Pennsylvania University. Professor Geo. A. Koenig. "The map will be of special use in schools, which can only devote a short time to the study of Geology."
- Michigan University. Professor Alexander Winchell. "It seems to me that the device will commend the study of Geology to many persons who might otherwise regard the subject as difficult and uninviting. The work prepared by Mr. Ives ought to be used extensively in American schools."
- Cornell University. Professor H. Shaler Williams. "A valuable aid to teachers of geology as a means of graphically representing the grand facts of stratigraphy in the Eastern United States."
- Columbia College, New York. Professor J. S. Newberry. "A valuable aid in teaching geology, giving as it does to the student a clear idea of the superposition of the different geological systems at a glance."
- Dartmouth College, Hanover, N. H. Professor C. H. Hitchcock. "Am satisfied that its use will greatly assist students to understand the geological structure of the country."
- Academy of Natural Sciences of Philadelphia. Professor Angelo Heilprin. "The representation of Strata, as imposed one upon the other, by means of cardboard is certainly a good plan, for apart from rendering more intelligible the general expressions of the Map, it permits of ready alteration and the possibility of constantly bringing the map up to date, in other words to make it conform to more recent discoveries."
- Boston Society of Natural History. Professor Alpheus Hyatt. "Your map representing superposition and the various phenomena of geological science, so far as the distribution of rocks on this continent is concerned, has greatly interested me. I think that in the hands of a good teacher it would prove an efficient and useful adjunct in the teaching of geology."
- American Museum of Natural History. Professor R. P. Whitfield. "In the direction of a want long felt by Teachers of Geology and will undoubtedly be appreciated by them as well as by the student."
- U. S. Geological Survey. Major J. W. Powell, Director. "After examination I am able to state that the work has been executed with care and fidelity, and I believe it will be a valuable aid to teachers."
- New York State Survey. Professor James Hall, State Geologist. "I believe that maps constructed upon this method would be extremely useful in the hands of competent teachers."
- Pennsylvania Survey. Professor J. P. Lesley, State Geologist. "A piece of new and useful apparatus for teaching Geology, by representing to the eye of the student the areas of superimposed formations. I cordially recommend it to teachers and students."
- New Jersey Survey. Professor Geo. H. Cook, State Geologist. "It is very neatly done and must prove a great help to intelligent teaching and studying of Geological Science."

N. D. C. HODGES, 47 Lafayette Place, New York, N. Y.