

when the moon was in the first quarter, I observed a bright spot resembling a small star or planet upon the shaded surface of the moon at a considerable distance from the illuminated portion of the satellite. This I have no doubt was due to the beams of the sun being reflected from the summit of one of the higher peaks before they had illuminated the surrounding country. I have no doubt the passage in question was suggested to the mind of the author by his having been witness of some similar phenomenon, although I have never heard of it being visible to the unaided eye.

T. D.

York, England.

BOOK-REVIEWS.

Masterpieces of American Literature, with Biographical Sketches.
Boston, Houghton, Mifflin, & Co. 12°.

THIS book was prepared at the suggestion of the Boston school authorities, and is designed both as a reading book and as an introduction to American literature. The authors represented are thirteen in number, including Franklin, Irving, Whittier, Lowell, and others, and the selections embrace a variety of articles in many departments of literature, both in prose and in verse. The selections are longer than those in ordinary reading books, the whole of Whittier's "Snowbound," for instance, being given, while other authors are represented either by entire works or by long extracts. It is stated in the preface that the Boston school authorities "planned the book and approved every selection;" but, if they did, we cannot think they are to be wholly commended as judges of literature. The book contains too many doggerel verses, while, on the other hand, it presents some striking deficiencies. For instance, there is not in the whole book a single extract from our historians, although it is well known that we have better works to show in history than in any other department of literature. Moreover, there is not a religious article in the book, and very few that are even ethical; so that the collection cannot be regarded as a satisfactory epitome of the best American literature. The omissions are the more to be regretted because ethical and historical works are especially adapted for the instruction of the young. American literature is but a narrow field at best, and gleaners in it cannot afford to neglect any portion of it, least of all that portion from which the most useful moral lessons may be learned. We hope, therefore, that, if ever the book reaches a second edition, some changes will be made in its contents.

AMONG THE PUBLISHERS.

— The third edition of "Electricity, treated Experimentally for the Use of Schools and Students," by Linnaeus Cumming, has been published by Messrs. Longmans, Green, & Co. The author has made such additions and alterations as seemed necessary to bring the book up to date.

— John Wiley & Sons have in preparation a "Manual of Experimental Engineering," by Professor R. C. Carpenter of Sib'ey College.

— Moses King of Boston, the maker of hand-books on various cities, now announces a new work, to be called "King's Hand-book of New York City."

— Messrs. Whittaker & Co. have in the press a second edition of Dr. A. B. Griffith's "Treatise on Manures." It is a little more than two years since the work appeared. Fifty pages of new matter have been added.

— The January number of *Scribner's Magazine* marks the beginning of the sixth year and eleventh volume of a periodical which has already attained a circulation of more than 140,000 copies monthly.

— D. Appleton & Co. have under way a subscription-book of considerable importance, edited by Professor Shaler of Harvard. It is to be a general review of the America of to-day based upon the reports of the last census. The contributions to this volume

will be by experts and men of high standing in the profession for which they speak.

— The next volumes of Swan, Sonnenschein, & Co's Social Science Series will be "Poverty, Its Genesis and Exodus," by J. G. Godard, and "The Trade Policy of Imperial Federation," by Maurice H. Harvey, who lately wrote an article on the subject in the *Asiatic Quarterly Review*. A translation of the new book of M. Ostrogovski, "La Femme au Point de Vue du Droit Publique," is to appear in the same series at an early date.

— D. C. Heath & Co., Boston, will soon issue the first four books of "Dichtung und Wahrheit," edited for them, with introduction and notes, by Professor C. A. Buchheim, editor of the Clarendon Press Series of German Classics. The edition will be especially adapted for pupils preparing for entrance to college, offering an advanced requirement in German, but will also have in view the numerous colleges that devote a portion of their time to the reading of Goethe's prose.

— The frequent reports that Russia is about to seize Bokhara will lend interest to the article by the Rev. Henry Lansdell, D.D., in the January *Scribner*, entitled "Bokhara Revisited." In this article he says: "It was not the policy of the Resident to interfere more than is necessary in the domestic affairs of the Khanate, except when they related to Russian subjects; and as for annexing the Khanate, 'why,' as one asked of me, 'should they do that?' To administer the country in Muscovite fashion would cost a great deal more than the taxes would pay for, and if the Russians want anything done, they have simply to nod to the Emir and he does it. They are much too wise, therefore, to annex Bokhara, but if need arises it can of course be done at any moment."

— *The Chautauquan* for January presents the following among other articles in its table of contents: Domestic and Social Life of the Colonists, IV., by Edward Everett Hale; Trading Companies, by John H. Finley; Physical Life, IV., by Milton J. Greenman; National Agencies for Scientific Research, IV., by Major J. W. Powell; Science and the Feeding of Animals, by V. Hallenbeck; Progress in the Nineteenth Century, by Edward A. Freeman; Some Propositions of Nationalism, by Edward Arden; Niagara the Motor for the World's Fair, by Professor John Trowbridge; The Kindergarten Movement in Chicago, by Antoinette Van Hoesen Wakeman; How Women Figure in the Eleventh Census, by Margaret N. Wishard; Women's Robes in the Orient, by Countess Annie de Montaigne.

— The American Academy of Political and Social Science has just published an essay on "Some Neglected Points in the Theory of Socialism." The author is T. B. Veblen of Ithaca. The monograph was written with the purpose of finding an economic ground for the existing unrest that finds expression in the demands of Socialists. The work is a criticism of Mr. Spencer's essay, "From Freedom to Bondage," and though Mr. Veblen claims to be rather a disciple than a critic of Mr. Spencer, he hardly proves himself such. The author shows very clearly how, under our present system, there is a constant effort even at the expense of real physical comforts and even necessities to make a greater display of one's ability to pay than one's neighbors. This "Economic Emulation" he regards as the chief underlying cause of the present socialistic agitation.

— The success of *The Atlantic Monthly* in certain departments during the last year or two will be continued during the year 1892, as shown by the following announcements. All the attractions which it will contain cannot, however, be mentioned here. The papers on marked men will include articles on George Bancroft, by W. M. Sloane; Orestes A. Brownson, by George Parsons Lathrop; John Esten Cooke, and Philip Pendleton Cooke, by Thomas Nelson Page; and James B. Eads, and others, will be continued. "An American at Home in Europe" is a series of papers by William Henry Bishop, the novelist, giving the experience of an American family which established itself abroad. Mr. Bishop tells about his experiences in daily living in Paris, Versailles, St.

German; the country and seacoast of France,—Dinan, Cherbourg, St. Malo, Pau; in Spain; in England,—Oxford, Windsor, Canterbury; in Italy,—Rome, Venice, Lucca, and Verona. Besides contributing fiction to the magazine, Mr. Henry James will furnish a paper of reminiscences of James Russell Lowell's London life. The "Studies of American Cities" are not mere descriptions, but criticisms, with a view to understanding the character of the cities which have the greatest influence on American life. The first of these will be a paper on Boston, by Ralph Waldo Emerson, now first published. "Private Life among the Romans" will be described in a paper by Miss Harriet Waters Preston and Miss Louise Dodge, whose joint studies of episodes of ancient history have won such high praise. Lafcadio Hearn will contribute some delightfully picturesque and graceful papers on Japanese life, as seen by a resident in Japan; and Mr. E. F. Fenollosa will discuss the influence of Japanese art on the art of Europe and America, in an early number. The best interests of the higher life of towns and cities will be considered in a series of papers on "Parks for Small Towns," "Local Museums of Art," "Free Libraries," etc. Papers on the Civil History of Our Country in War Time will be a feature of *The Atlantic* for 1892, and will be begun by an article by an eminent Southern scholar, giving the grounds for his unquestioning adherence to the Southern cause; and one by a distinguished man of science from a Border State, accounting for his own decision in the same emergency. Attention will be given

this year to education generally, and especially to the education of girls and women. These papers—from the most eminent authorities—will follow in the same line as those by President Gilman, Professor Shaler, Dr. Cleveland Abbe, and others, which have appeared during the past year. The critical reviews of new books that are talked about will be continued.

—The December number of *The Engineering Magazine* contains a paper on "Landscape Beauty at Newport," by John De Wolf, which treats the subject from the standpoint of giving definite and practical ideas. In the same number is the first of Professor Coleman Seller's series, entitled "American Supremacy in Applied Mechanics," which should be read by every one who desires some knowledge of the men and the forces which have wrought such astonishing changes in this age of engineering and mechanical progress. Other papers in the same number are "A Permanent Census Bureau," by Edward Atkinson; "Geology from a Business Point of View," "Picturesque Suburban Railroad Stations," "Impure Water and Public Health," "Fulton Night with Mechanical Engineers," "Conditions Causing a Cold Wave," "The Canadian Pacific Railroad."

—A new edition of "A Girl in the Karpethians" is announced by the Cassell Publishing Company. It will contain a new portrait of the author, Miss Menie Muriel Dowie (now Mrs. Henry Norman), and a preface and introduction written by her especially

Publications received at Editor's Office,
Nov. 18-Dec. 15.

- CARPENTER, WILLIAM B. The Microscope and its Revelations. Seventh Edit. revised by W. H. Dallinger. Philadelphia, Blakiston. 1,099 p. 8°. DRUGGISTS' Reference Book, 1892. Philadelphia, Blakiston. 24°.
- FINLAY, GEORGE. The Working and Management of an English Railway. New York, Macmillan. 354 p. 12°. \$1.50.
- HARPER, WILLIAM R., and BURGESS, ISAAC B. An Inductive Latin Primer. New York, Amer. Book Co. 424 p. 12°.
- HOUGH, ROMERY B. American Woods. Part I.: Wood Specimens in book-form, showing transverse, radial and tangential sections. Lowville, N. Y., R. B. Hough. \$5.00.
- LOEWY, BENJAMIN. A Graduated Course of Natural Science Experimental and Theoretical for Schools and Colleges. Part II. New York, Macmillan. 257 p. 12°. 60 cents.
- LOMBROSO, CESARE. The Man of Genius. New York, Scribner. 370 p. 12°. \$1.25.
- MASSIE, GEORGE. The Plant World. New York, Macmillan. 212 p. 12°. \$1.
- OCHSOWITZ, J. Mental Suggestion. Parts I-IV. New York, Humboldt Publishing Co. 369 p. 8°. \$1.20.
- PETERS, EDWARD DYER. Modern American Methods of Copper Smelting. New York, Scientific Publishing Co. 398 p. 8°. \$4.
- PHYSICIAN'S Visiting List for 1892. Philadelphia, Blakiston. 24°.
- SHALER, N. S. The Story of Our Continent. Boston, Ginn. 290 p. 12°.
- SLOANE, T. O'CONNOR. Electricity Simplified. New York, Henley. 154 p. 12°. \$1.
- TRIMBLE, HENRY. The Tannins. Vol. I. Philadelphia, Lippincott. 168 p. 12°. \$2.
- WAINSCHEFF, FELIX. A Guide to the Scientific Examination of Soils. Tr. by William T. Brant. Philadelphia, Baird. 177 p. 12°. \$1.50.
- WYATT, FRANCIS. The Phosphates of America. New York, Scientific Publishing Co. 187 p. 8°.

A BUSINESS MAN'S HAND-BOOK.

The report of the Postmaster General, just issued, states that nearly \$2,000,000 in checks, drafts and money, reached the dead-letter office during the present year through improper addressing—more than one-half from New York State. Probably double this sum has been lost through delays and accidents resulting from carelessness in mailing and correspondence. To reduce these errors to a minimum, the Government issues THE UNITED STATES OFFICIAL POSTAL GUIDE, in an annual number published in January, and monthly supplements, a book of 900 pages, containing three classified lists of the 66,000 post-offices in the Union, together with postal rules and mail regulations. Every merchant, wholesale dealer, manufacturer and professional man having correspondence, will find the Guide indispensable. It is also of great assistance in translating illegible writings to lawyers, printers and others. No establishment where accuracy and care are observed as rules is complete without it. The price of the GUIDE in paper is \$2.00, in cloth, \$2.50. Orders in New York State should be sent to HOME AND COUNTRY, 93 Maiden Lane, New York; outside of New York State to GEO. F. LASSER, 1213 Filbert Street, Philadelphia, Pa. Agents wanted.

Wants.

Any person seeking a position for which he is qualified by his scientific attainments, or any person seeking some one to fill a position of this character, be it that of a teacher of science, chemist, draftsman, or what not, may have the "Want" inserted under this head FREE OF COST, if he satisfies the publisher of the suitable character of his application. Any person seeking information on any scientific question, the address of any scientific man, or who can in any way use this column for a purpose consonant with the nature of the paper, is cordially invited to do so.

WANTED.—*Science*, No. 178, July 2, 1886, also Index and Title-page to Vol. VII. Address N. D. C. Hodges, 874 Broadway, New York.

A YOUNG MAN (31) would like a position in a college, laboratory, or observatory, is also willing to assist at a steam engine, etc. Address J. W., care of *Science*, 874 Broadway, New York.

WANTED.—A position in the philosophical or pedagogical department of a college or university by a young man (30) who has had five years' practical experience in teaching, and who has done four years' post-graduate work in philosophy, devoting his attention during the last two years especially to study and original investigation in scientific psychology and its applications in education. Address E. A., care *Science*, 874 Broadway, N. Y. City.

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Wanted to buy or exchange a copy of Holbrook's North American Herpetology, by John Edwards, 5 vols. Philadelphia, 1842. G. BAUR, Clark University, Worcester, Mass.

For sale or exchange, LeConte, "Geology," Quain, "Anatomy," 2 vols.; Foster, "Physiology," Eng. edition; Shepard, Appleton, Elliott, and Stern, "Chemistry," Jordan, "Manual of Vertebrates," "International Scientists' Directory," Vol. I, *Journal of Morphology*, Bal-four, "Embryology," 2 vols.; Leidy, "Rhizopods," *Science*, 18 vols., unbound. C. T. MCCLINTOCK, Lexington, Ky.

For sale.—A 6½ x 8½ Camera; a very fine instrument, with lens, holders and tripod, all new; it cost over \$40; price, \$25. Edw. L. Hayes, 6 Athens street, Cambridge, Mass.

To exchange Wright's "Ice Age in North America" and Le Conte's "Elements of Geology" (Copyright 1882) for "Darwinism," by A. R. Wallace, "Origin of Species," by Darwin, "Descent of Man," by Darwin, "Man's Place in Nature," Huxley, "Mental Evolution in Animals," by Romanes, "Pre-Adamites," by Winchell. No books wanted except latest editions, and books in good condition. C. S. Brown, Jr., Vanderbilt University, Nashville, Tenn.

For Sale or Exchange for books a complete private chemical laboratory outfit. Includes large Becker balance (200g to 1-10mg), platinum dishes and crucibles, agate motors, glass-blowing apparatus, etc. For sale in part or whole. Also complete file of *Silliman's Journal*, 1862-1885 (62-71 bound); Smithsonian Reports, 1854-1883; U. S. Coast Survey, 1854-1866. Full particulars to enquirers. F. GARDINER, JR., Pomfret, Conn.

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for this edition. The new portrait shows us a pretty woman, without the slightest suggestion of anything masculine about her. The same firm announces a new edition of the Hon. Chauncey M. Depew's 'Orations and After-Dinner Speeches'; also a life of "Henriette Ronner, the Painter of Cat Life and Cat Characters," by M. H. Spielmann, editor of the *Magazine of Art*. It is for her pictures of cat life and cat character that Mme. Ronner has gained her reputation. A book that is bound to attract attention is "Shall Girls Propose?" which the Cassell Publishing Company issue. It is written by a "Speculative Bachelor," and comes just in time for the new year, which is leap year.

—The forthcoming January number of *The Alienist and Neurologist* will contain: "Neurasthenic Rudimentary Impulsive Paranoia," by Professor Enrico Morselli, Italy; "The Work of Medicine for the Weal of the World," by C. H. Hughes, M.D., St. Louis; "Some Cases of Hemiplegia," by John Ferguson, M.D., Toronto, Canada; "Relations of Chorea and Epilepsy," by

G. R. Trowbridge, M.D., Danville, Penn.; "The Virile and Other Reflexes," by C. H. Hughes, M.D., St. Louis; "Diagnosis and Nature of Certain Functional and Organic Nervous Diseases," by J. T. Eskridge, M.D., Denver; "Traumatic Neurosis in Damage Suits," by H. T. Pershing, M.D., Denver; "Present Aspect of Cerebral Surgery," by L. C. Gray, M.D., New York City; "Visual Imagery of Alcoholic Delirium," by C. G. Chaddock, M.D., Traverse City, Mich.; "Insanity and Genius," by James G. Kiernan, M.D., Chicago; besides the usual selections, editorials, hospital notes, reviews, etc.

—Ginn & Co. announce *The Philosophical Review*, Vol. I., No. 1, to appear January, 1892, and to be edited by J. G. Schurman. The contents are: "Prefatory Note," "The Critical Philosophy and Idealism," by Professor John Watson; "Psychology as So-called 'Natural Science,'" by Professor George T. Ladd; "On Some Psychological Aspects of the Chinese Musical System," by Benjamin Ives Gilman; Reviews of Books; Summaries of Articles.

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