

some of the cleverest contributions that have appeared during the year, notably the "Garden of Girls" story, by Celia Thaxter, entitled "Peggy's Garden, in which the author shows that she is a poet, even when writing prose. The boys who have been playing ball all summer will enjoy the story by a baseball expert of "How Science Won the Game," which contains practical directions for pitching the "out" and "in" curves. E. S. Brooks tells about another "Historic Girl," "Pulcheria of Constantinople," and how she afterward became an Empress. In the "From Bach to Wagner" series, Agatha Tunis writes about Mendelssohn, whose bright and happy boyhood stands in pleasant relief to the lives of many great musicians. Palmer Cox relates in his inimitable and very funny pictures and verses the adventures of the Brownies at School." Mr. Trowbridge finally extricates his hero from the difficulties in which he had been involved by "His One Fault," and Mr. E. P. Roe disposes of the happy family that has been "Driven Back to Eden"—the two serial stories that, like all other good things, must at last come to an end.

THE POPULAR SCIENCE MONTHLY for November commences with an illustrated article by T. W. Mather on the subject of "Flying-Machines." It gives a history of the chief inventions of that kind, and a great deal of information on the scientific problems and conditions involved and the reasons for believing that the navigation of the air is practicable. "Modern Science and Modern Thought" is a readable and vigorous article from a new English work under that title by S. Laing, M.P. The liberal tendencies of modern opinion following the revolution of scientific ideas are presented in a very effective manner. The first and principal portion of Sir Lyon Playfair's address before the British Association at Aberdeen is given on the "Relations of Science to the Public Weal." This elaborate discourse will be finished in the next number, and will be memorable as the most thoroughgoing defence of state intervention in scientific matters that has been given. Sir Lyon, the "prince of scientific politicians," is president of the association, and better prepared to talk on this subject than any other man of his time. His biography and portrait are also given. "A Free Colony of Lunatics," by Henry de Varigny, is a fresh and instructive account of the remarkable experiments at Gheel, in Belgium, concerning the treatment of the insane, which have long attracted the attention of the world. The brilliant and versatile writer, Professor Grant Allen, discourses charmingly on the rural subject of "Clover," and John F. Hume offers some important "points" on "The Art of Investing." There is a strong article by Professor Eggert, of the Iowa University, on "The Problem of Higher Education." He takes the liberal side on the classical question, and throws a good deal of light on the historical study of Greek, and especially on the treatment of that subject in the higher schools and universities of Germany. "The Motor Centers and the Will" is an able paper, by Dr. Horsley, and well illustrates the steady progress that is being made in unraveling that mysterious subject. The number is one of more than usual interest.

LITERARY LIFE (Elder Publishing Co., Chicago) continues to improve with extraordinary rapidity under its new editor, Mr. W. R. Bradshaw, and is now by far the best magazine published in the West, and no unworthy rival of the big monthlies in the East. The

September number was especially interesting to Canadian readers because of its containing the article by our very popular, readable, and industrious Canadian author, Mr. J. Macdonald Oxley, of Ottawa, which carried off the prize in the extensive epitome competition which attracted so much attention; while the October number has in it a beautiful poem by the editor, upon Lord Dufferin's home in Ireland, an attractive feature for all who remember the genial Governor-General. Besides this there is a capital paper by E. P. Roe, upon "Literary Inspiration"; a continuation of Joaquin Miller's remarkable poem "The Sword of the South," with many other valuable articles and a wealth of illustrations, at the absurd price of one dollar a year. *Literary Life* is a marvel of cheapness, and a better literary investment of the money could not be made.

AMERICAN NEWSPAPER ANNUAL, 1885. Philadelphia: N. W. Ayer & Son. The publishers have evidently taken great pains to make this work complete and correct up to the day of going to press. It contains a fully descriptive list of newspapers and periodicals in the United States and Canada. Another list, descriptive as to distinctive features and circulation, of newspapers inserting advertisements; a third list, of class and professional publications, and publications in foreign languages; with a great deal of other information about newspapers. The book also contains an alphabetical list of cities, towns and villages in the United States having a population of five thousand and upward. Altogether it is probably the best newspaper directory published, and highly creditable to Messrs. Ayer & Son.

THE SANITARIAN for September is well filled with highly instructive matter. There are elaborate papers on "Rules for the Hygienic Treatment of Pulmonary Consumption," by B. W. Richardson; "Diet in Relation to Age and Activity," by Sir Henry Thompson; and "Cholera Reminiscences of the Past and Lessons for the Present," by W. H. Watkins, M.D., Sanitary Director of the New Orleans Auxiliary Sanitary Association. The danger from, and disinfection of, rags are treated of, as are also Railway and Municipal Sanitation. The "Editor's Table" contains some valuable notes and comments.

CHOLERA, ITS NATURE, SYMPTOMS, HISTORY, CAUSE AND PREVENTION, with an outline review of the German theory of the disease, by J. B. McCONNELL, M.D., Professor University of Bishop's College, Medical Department, Montreal.

MEDICAL EDUCATION, by HENRY LEFFMANN, M.D., D.D.S., of Philadelphia. (Reprinted from the Proceedings of Society).

CO-OPERATION OF CITIZENS IN PREVENTING THE SPREAD OF DISEASE, by REV. W. A. MASKER, of East Saginaw.

THE PUBLIC HEALTH SERVICE OF MICHIGAN, by HON. JOHN AVERY, M.D., of Greenville, President of the State Board of Health.

employment and more in excellence of achievement, While what we do unquestionably influences what we are, it is equally true that what we are influences and determines the real value of what we do.