

A point well developed in these essays is the evil of concentration of population, and, together with this, the ever-growing problem of proper water supply and of sewage disposal. The question of pure air is discussed, and also the purifying power of "the living earth." Cities now committed to the evils of expensive and wasteful water supply, with all the accompanying difficulties and snares of sewage and sewage disposal, Dr. Poore very properly leaves without his discussion; they have gone so far as to make a turning back well nigh impossible. Where the end will be he does not even conjecture. It is to the rural and suburban population that he appeals, and most ably, for a consideration of certain means by which, upon a thorough scientific basis, they can secure an efficient sanitation for their homes, a pure water supply and an increased land value, all at a minimum of cost. Nor is this rested upon theory alone; the practical working in all details has been developed in the author's suburban home, and the same means there used by him are open to all of us who have that blessing of a small piece of ground, and who are not condemned to live in a "flat." C. P.

A Laboratory Manual, Containing Directions for a Course of Experiments in Organic Chemistry. By W. R. ORNDORFF, A. B., Ph.D., Assistant Professor of Chemistry in Cornell University. Boston, D. C. Heath & Co. 1893. Interleaved.

THE above manual is designed to accompany Remsen's "Organic Chemistry," and is systematically arranged as a laboratory companion to that book. It contains a course of experiments, eighty-two in all, graded in careful manner, leading on from the elementary principles of organic analysis, fractional distillation, the determination of melting points, etc., to the more advanced synthetical preparations. The procedure of the various operations is admirably given in few but comprehensive directions, and the experiments as described would present no difficulties to a beginner in the study. While parallel to Remsen's

book, it is more explicit, and gives greater detail of manipulation. The author's experience as a teacher has enabled him to select carefully the best conditions of experiment and to present them clearly to the student.

C. P.

—D. Appleton and Company have published a large octavo volume containing "Speeches and Addresses of William McKinley." They are mostly of a political character, and, as will be surmised, a large number of them are in advocacy of the protective tariff. Mr. McKinley is well known, not only as one of the leading advocates of the protective system, but also as the author of the existing tariff, and his prominence in the matter will make this book useful even to his political opponents. His views are so generally known, however, that we need not expound them here, and any discussion of them or of the protective system in these columns would be out of place. He expresses himself clearly and forcibly, and whoever wishes to become familiar with the protectionist theory in its extreme form will find it set forth in these pages. Many of the speeches in this volume, however, are on subjects of an unpartisan character, such as those commemorating the life and work of Grant, Garfield and other prominent men, together with several delivered on anniversary occasions. The author's enthusiastic patriotism—sometimes too enthusiastic, as it seems to us—appears in almost all of them, as well as his straightforwardness and earnestness. The general reader will be particularly pleased with his remarks on the public school system and his eulogy of the early New Englanders, and with his hearty appreciation of the eminent men whom he has known in public life. His strong partisanship, which shows itself so often, is not always pleasing to men of more moderate views; but in a country that is governed by parties it is necessary to know what the party leaders are thinking, and in this respect this volume will be useful to all students of American politics.

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