

each successive instalment of the dictionary it has become more and more clear that the original estimates were too small, both as regards the total of pages in the completed book and the wealth of words and other lexicographical material which it would contain. The number 6,500, which was announced as the limit for the pages, must be increased to at least 7,000, and the number of words defined will be considerably in excess of the 200,000 at first promised: for the words contained in the first four volumes now published (two-thirds of the work, 4,880 pages) are in round numbers 152,000; and, if we may suppose that the same fulness will characterize the letters remaining to be treated, the total cannot fall far short of 225,000. An examination of the vocabulary of "The Century Dictionary" will show that only those words, derivatives, and compounds are admitted which have an established place in the language or require definition. Had the editors not been conservative in this particular, their list would doubtless have been increased to 250,000 words. The fourth volume illustrates the technical and scientific character of the dictionary. Beginning with the letter *M*, one meets the prefix *macro-*, followed in quick succession by *meso-*, *meta-*, *micro-*, *mono-*, and many others of greater or less importance, from which are formed groups of hundreds of technical terms, most of which have come into existence during the last ten or fifteen years. The same is true of the other letters, especially of *P*, which, indeed, owes its size (660 pages) very largely to this wealth of scientific material. The treatment of technical words, too, is on a broad scale in this volume, as is well illustrated by the definitions of *magnesia*, *magnet* (and its derivatives), *mammalia*, *man* (in its etymology), *marble*, *metamorphism*, *meter*, *microscope*, *mirror*, *mode* (in its musical sense), *muscle*, *nervation*, *operation*, *opening* (in chess), *orchestra*, *Orchidea*, *pianoforte*, etc. The same fulness marks the definitions of common names of animals and plants, as of *mackerel*, *mildew*, *minnow*, *partridge*, *pine*, etc. "The Century Dictionary" is first a dictionary of the English language, and after that an encyclo-

pedic dictionary. Take, for example, the common English word *put*. It occupies seven columns of the dictionary, and its treatment includes 17 definitions and 169 special phrases, which are illustrated by 190 quotations ranging from the earliest period of English literature to the present day, the definitions and quotations together exhibiting the word in every important phase of its idiomatic use. This treatment of *put*, liberal as it is, is in no sense encyclopedic, but is strictly lexicographic, being necessitated by an attempt really and thoroughly to define the word. It simply shows what an amount of information about common words the editors of "The Century Dictionary" are bringing to light. The facts thus exhibited by the word *put* are perhaps even more strikingly shown by *make*, with 83 definitions, 159 phrases, and 126 quotations, and by *pass*, with 72 definitions, 30 phrases, and 127 quotations. These, of course, are among the most striking instances of the kind; but what is true of them is true on a smaller scale of the treatment of nearly every common word in the volume. The book abounds not only with fresh discussions of old words, and new definitions of familiar words illustrated by apt quotations, but also with words which have been in the literature of the language for perhaps scores of years, but which are new in the sense that no dictionary has before recorded them. There are many illustrations of special interest in this fourth volume.

—A seasonable subject is discussed by Dr. William H. Flint in his article on "Children's Coughs," in the December number of *Babyhood*. The writer divides all coughs into harmless and serious ones, and gives many hints which will enable mothers to distinguish one class from the other. Dr. Yale, the medical editor, furnishes an article on "What may be done to prevent Diphtheria."

—In the second volume of the Science in Plain Language Series, William Durham of the Royal Society of Edinburgh writes interestingly on the general subject of astronomy, describing in

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10-22.

- SCUDDER, H. E. *Fables and Folk Stories*. Part I. Boston and New York, Houghton, Mifflin, & Co. 96 p. 16°. 15 cents.
- SIME, J. *Geography of Europe*. London and New York, Macmillan. 341 p. 16°. 80 cents.
- SOCIOLOGY. *Popular Lectures and Discussions before the Brooklyn Ethical Association*. Boston, J. H. West. 403 p. 12°. \$2.
- U. S. GEOLOGICAL SURVEY. *Topographical Maps of Portions of Massachusetts, New Hampshire, Vermont, Montana, New York, Virginia, Maryland, California, Arkansas, Indian Territory, New Mexico, Missouri, Georgia, Texas, Illinois, North Carolina, Iowa, Pennsylvania, Alabama, New Jersey, West Virginia, Rhode Island, Maine, Colorado, Wisconsin, Kansas, and Connecticut*. Washington, Government, 1890. 62 maps, 42 by 50.5 cm.
- WOODWARD, C. M. *Manual Training in Education*. New York, Scribner & Welford. 310 p. 12°. \$1.25.

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— Mr. Nicholas P. Gilman, author of "Profit-Sharing between Employer and Employee," has in preparation a new volume, to be entitled "Socialism and the American Spirit." It will comprise chapters on the re-action against individualism; recent American socialism; the American social idea in practice as distinguished from individualism and socialism; the field for social reform in America; arbitration, industrial partnership, and co-operative production, considered as steps out of labor troubles; recent progress in profit-sharing; the first duty of the educated classes; the way to Utopia; etc.

— Messrs. Henry Holt & Co. will publish in January the first number of a new monthly, *Educational Review*, of which Professor Nicholas Murray Butler of Columbia, who is president of the New York College for the Training of Teachers, will be editor-in-chief; and associated with him will be Dr. E. H. Cook, head master of Rutgers Preparatory School, New Brunswick, N.J.; Dr. William H. Maxwell, superintendent of schools in Brooklyn; and Dr. A. B. Poland, superintendent of schools in Jersey City. This gives the university, the preparatory school, and the public school representatives on the editorial board. The character of the publication may be further inferred from the fact that the circular announcing

it contains the indorsements of the presidents of Harvard, Yale, Johns Hopkins, Columbia, Massachusetts Institute of Technology, Cornell, University of Michigan, and some hundred educators of corresponding prominence. Probably no equally promising attempt at an educational periodical has ever before been made in America, if anywhere.

— The J. G. Cupples Company of Boston will soon issue a holiday book entitled "Aunt's Elfin Land." It is a collection of fairy-stories, or, rather, the combined histories of three children who had most strange adventures in the land of "the little folk." They are written by Mrs. Maria Hildreth Parker, and are illustrated by Hermann D. Murphy.

— In the December number of the *Magazine of American History* the opening paper is an historical sketch of the rise and fall and characteristics of the ancient town of Fort Benton, in Montana, with illustrated accounts of early navigation of the upper Missouri River. The second contribution is "David Hartley and the American Colonies," by Joseph W. Hartley of New York. A portrait of David Hartley, England's signer of the definitive treaty of peace with America, forms the frontispiece to the magazine. Following these articles are "The Institution of Thanksgiving Day, 1623," by Jacob Harris Patton, A.M.; "La Salle's Homestead at Lachine," by John Fraser of Montreal; "A Typical Old-Time Minister, the Reverend Benjamin Tappan," by Rev. D. F. Lamson; "Glimpses of Early Michigan Life in and about Kalamazoo," by Mary V. Gibbs; "Our Old Webster's Spelling-Book," by Rev. A. M. Colton; and "Some Literary Statesmen," which brings into view facts in relation to eminent writers in the councils of the nation, by Milton T. Adkins. Shorter articles are "President Garfield's Silent Journey," "Mrs. Elizabeth B. Custer surrounded by Buffaloes, or Camp Life in Kansas Twenty Years Ago," "A Cluster of Christmas Poems for the Household," and some hitherto unpublished letters.

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Boston Society of Natural History.

Dec. 3.—J. Walter Fewkes, The Summer Ceremonials of the Zuñi Indians: a Study of Aboriginal Religion (illustrated by the stereopticon).

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