

treated in the fascinating, simple, manly way native to Christopher North.

It is a great service to literature that these articles are reprinted in so attractive a form, and it is to be hoped that they may bring to many of the younger generation a knowledge they will increase by a larger acquaintance with the books of this wonderful and versatile professor, of whom a distinguished writer says, "I can never read the 'Recreations' without a feeling of exaltation and delight, as if I were treading the heather beside 'Christopher in his Sporting Jacket,' with the free breezes of the Highlands tingling in my cheeks."

Practical X-Ray Work. By Frank J. Addyman. London: Scott, Greenwood & Co.; New York: The Van Nostrand Co. 1901. 8vo, pp. 207. With twelve plates and 52 cuts.

Being really well written and put together with good judgment, this book better deserves mention than the common run of technical publications. It treats amply of every part of its art without being swamped by inutilities. The historical division of the work is naturally brief. More than half of it is taken up with discussing the advantages of different forms of apparatus, sources of electricity, coils, tubes, air-pumps, screens, localizers, etc. Then there are chapters on installations, Radioscopy, Radiography, and the applications of the new art to dentistry, to chemistry, and to war. Much depends upon the fact that, other things being equal, opacity to X-rays is apparently increased by the presence of an element of high atomic weight, although nothing that can be called a law has been formulated. But lead glass is far more opaque than soda glass; Iceland spar than silica or alumina; imitations than genuine

precious stones (exclusive of the pearl). The application of X-rays to examinations of the roots of teeth and their surroundings must be a matter of no little difficulty; which explains a chapter being devoted to it. The localization of what is seen is a branch of the art which time will, no doubt, greatly improve. At present, it is done on the principle of a plane-table triangulation, but with various sorts of instruments. Apparatus depending upon our natural stereoscopic judgments has hitherto been found too troublesome.

BOOKS OF THE WEEK.

Ashmore, S. G. A Brief Survey of the Writings of Quintus Horatius Flaccus. The Grafton Press.
Beacon Biographies: (1) Schouler, James, Alexander Hamilton; and (2) Carpenter, G. R. Henry Wadsworth Longfellow. Boston; Small, Maynard & Co.
Bell's Miniature Series of Painters: (1) William, G. C. Fra Angelico; (2) Bell, Malcolm, Sir Edward Burne-Jones; (3) Williamson, G. C. Velasquez. London: George Bell & Sons; New York: Macmillan.
Biblical and Semitic Studies. (Yale Bi-Centennial Publications.) Scribners. \$2.50.
Brownell, Elizabeth B. Dream Children. Indianapolis: The Bowen-Merrill Co. 95 cents.
Burrongs, John. Songs of Nature. McClure, Phillips & Co.
Caffin, O. H. Photography as a Fine Art. Doubleday, Page & Co. \$3.
Capps, Edward. From Homer to Theocritus. Scribners. \$1.50.
Carron, M. R., and Aza, Vital. Zaragüeta. Silver, Burdett & Co.
Carruth, W. H. Schiller's Die Braut von Messina. Silver, Burdett & Co.
Castiglione, Baldesar. The Book of the Courtier. Scribners.
Colton, Arthur. "The Debatable Land." Harpers. \$1.50.
Curtis, D. A. The Science of Draw Poker. Published by the Author.
Daudet, Alphonse. (1) Letters from My Mill; (2) Monday Tales. (Little Masterpieces.) Boston: Little, Brown & Co. \$2.50.
Daskam, Josephine D. The Best Nonsense Verses. Evanston, Ill.: William S. Lord.
Davis, E. H. Her First Appearance. Harpers.
Digby, W. Prosperous British India: A Revelation from Official Records. London: T. Fisher Unwin.
Fuller, H. B. Under the Skylights. D. Appleton & Co. \$1.50.
Gamble, Rev. H. R. Sunday and the Sabbath. London: John Murray; New York: E. P. Dutton & Co. \$1.
Gates, Josephine S. The Story of Live Dolls. Indianapolis: The Bowen-Merrill Co. \$1.
Gummere, Amella Mott. The Quaker: A Study in Costume. Philadelphia: Ferris & Leach. \$3.
Happy Playtimes. London: Ernest Nister; New York: E. P. Dutton & Co. \$1.50.
Hardy, Thomas. Poems of the Past and the Present. Harpers. \$1.60.
Hassall, Arthur. The French People. D. Appleton & Co. \$1.50.
Hird, Frank. King Fritz's A. D. O. London: George Bell & Sons; New York: Macmillan. \$1.75.
Holmes, Edmond. Walt Whitman's Poetry: A Study and a Selection. John Lane.
Hochester, Countess of, and Stovordale, Lord. The Life and Letters of Lady Sarah Lennox, 1745-1824. 2 vols. London: John Murray; New York: Scribners. \$9.
Kuhns, Oscar. The German and Swiss Settlements of Colonial Pennsylvania. H. Holt & Co.
La Mara, Franz Liszt's Briefe an die Fürstin Caroline Sayn-Wittgenstein. III. Leipzig: Breitkopf & Härtel. 7 marks.
Lawrence, Katherine D. The Fairy Dream. Bonnell Silver & Co. 60 cents.
Lee, Dr. G. H. Kith and Kin. Washington, D. C.: The Neale Co.
Lounsbury, T. R. Shakespeare as a Dramatic Artist. Scribners. \$3.
Merriman, H. S. The Velvet Glove. Dodd, Mead & Co. \$1.50.
Meynell, Alice. Later Poems. John Lane. \$1.
Morgan, T. H. Regeneration. Macmillan. \$3.
Morison, M. Time Table of Modern History: A. D. 400-1870. London: Archibald Constable & Co.; New York: Macmillan. \$3.50.
Morris, M. C. F. The Vowel-Sounds of the East Yorkshire Folk-Speech. Henry Frowde.
Murger, Henry. The Latin Quarter. Doubleday, Page & Co. \$1.50.
Penbody, Josephine P. Marlowe: a Drama in Five Acts. Houghton, Mifflin & Co.
Ramsay, William. Modern Chemistry: Theoretical and Systematic. 2 vols. London: J. M. Dent & Co.; New York: Macmillan.
Rankin, Reginald. Wagner's Nibelungen Ring. Done into English Verse. Longmans, Green & Co. \$1.50.
Rathery, E. J. B. Journal and Memoirs of the Marquis d'Argenson. 2 vols. Boston: Hardy, Pratt & Co.
Riley, J. W. Riley Farm Rhymes. Indianapolis: The Bowen-Merrill Co.
Rousiers, Paul de. Les Syndicats Industriels et Producteurs en France et à l'Étranger. Paris: Armand Colin.
Salvarona. The Wisdom of Passion. Boston: Mystic River Book Co. \$2.
Sheldon, H. D. Student Life and Customs. (International Education Series.) D. Appleton & Co. \$1.20.
Singleton, Esther. The Furniture of Our Forefathers. Parts VI., VII., and VIII. Doubleday, Page & Co.
Stedman, E. O. Mater Coronata: Recited at the Bicentennial Celebration of Yale University. Boston: Houghton, Mifflin & Co. \$1.
Tilton, G. H. A Memorial of Marshall Henshaw. Cambridge (Mass.): University Press.
Tomnyson, Alfred. In Memoriam. London: Ernest Nister; New York: E. P. Dutton & Co. \$1.
Trübner, K. Minerva Jahrbuch der Gelehrten Welt. Strassburg: Karl J. Trübner; New York: Lemecke & Buechner.
Vielé, H. K. The Last of the Knickerbockers: A Comedy Romance. Chicago: Herbert S. Stone & Co.

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