

jects the doctrine of inspiration as heretofore taught, and maintains that all scholarly theologians do the same. A religion in harmony with science may, he thinks, be founded on the following doctrines: "1°. There is an Infinite Intelligence whom we call God; 2°. Man is by nature a religious being; 3°. Every religion has in it a nucleus of truth; 4°. No religion is exclusively true or founded upon an exclusively divine revelation." Christianity, however, is regarded as the best of all religions, and as the "highest outcome of human nature." Mr. Bray quotes many passages from non-Christian religious writers, including the Greek philosophers, the authors of the Vedas, the Chinese moralists, and many others, in support of his positions; and these quotations form an interesting portion of the book. On the subject of immortality the author speaks with hesitation, presenting the arguments on both sides, and drawing the conclusion that there is ground for hope but not for dogmatizing. Our readers will see that there is nothing essentially new in these views; but as coming from a clergyman, and addressed to a congregation of the people,—for they were originally presented in public lectures,—they have considerable interest, and Mr. Bray's book will well repay perusal.

A Text-Book of Euclid's Elements. By H. S. HALL and F. H. STEVENS. London and New York, Macmillan. 12°. \$1.10.

THIS volume contains the first six books of Euclid's elements, together with appendices giving the most important elementary developments of Euclidean geometry. The text has been carefully revised, and special attention given to those points which experience has shown to present difficulties to beginners. The authors have been guided in part by the suggestions contained in the textbook of the Association for the Improvement of Geometrical Teaching. The propositions are throughout treated very fully, and the authors have avoided condensing two or more steps into one. In this they were guided by the weighty consideration that only a small proportion of those who study elementary geometry, and study it with profit, are destined to become mathematicians. To a large majority of students, Euclid is intended to serve not so much as a lesson in mathematical reasoning, as the first, and sometimes the only, model of formal and rigid argument presented in an elementary education.

NOTES AND NEWS.

THE Christmas number of *Scribner's Magazine*, which completes its second year, will contain a variety of articles in prose and verse, especially suited in sentiment and illustration for the holiday season. There will be twenty full-page pictures, and many others from drawings by such artists as Elihu Vedder, J. Alden Weir, W. Hamilton Gibson, Bruce Crane, and Robert Blum. The art of making stained-glass windows, which has had its renaissance in this country within the last twelve years, will be the subject of a paper by Will H. Low; the third and concluding instalment of Lester Wallack's reminiscences will appear; George Hitchcock (the artist, whose picture, 'The Tulip Garden,' in the Paris salon of 1887, made his reputation) has written and illustrated for the number a short paper on 'Sandro Botticelli,' as 'the man who, above all others, gave an impulse in the right direction to the new art of the Christian world,' and Elihu Vedder has illustrated a strikingly original anonymous poem which will, it is believed, excite considerable curiosity as to its authorship. — *Treasure Trove* for November opens with an illustrated account of the Lick Observatory, followed by articles on the Wilkes-Barre accident; the Canadian fish question; the disagreement of the doctors; the Chicago riots; and the wheat corner, under the caption 'Is that the Law?' by Wolstan Dixey; 'Yellow Fever,' by W. H. H.; 'A Famous Astronomer,' with portrait of the late Richard A. Proctor; 'American Politics,' by Oscar R. Hart; 'Getting Ready for Christmas,' with illustrations, by Lucy Clarke; 'Russian-America' (second paper), illustrated. Besides this are illustrated papers on 'Mary Stuart,' by J. R. D. L.; 'Crystals,' by Margaret E. Houston; 'Children's Lunches'; 'The Metal of the Future'; 'What Congress Costs,' and others. — A new edition of Browning's Educational Theories, with a complete analysis, a new index, and an appendix on the 'American Common School,' will be issued at once by E. L.

Kellogg & Co., of New York and Chicago. Also Dr. Nicholas Murray Butler's 'The Argument for Manual Training,' and a new edition of Perez's 'First Three Years of Childhood.' G. Stanley Hall says of this last book, "I esteem the work a very valuable one for primary and kindergarten teachers and all interested in the psychology of childhood." — The first step in avoiding mistakes is to find out how we fall into them. Valuable aid in this direction will be furnished in Prof. Joseph Jastrow's paper on 'The Psychology of Deception,' which will open the December *Popular Science Monthly*. As illustrations of his subject the author cites the tricks practiced by conjurers, and the delusions which from time to time gain a hold on the public mind. 'Infant Mortality and the Environment' is the subject of an article which J. M. French, M.D., will contribute to the same magazine. Dr. French points out the chief causes of infant mortality, which are due partly to heredity and partly to the surroundings. Finally 'Beliefs About the Soul' is the title of an article by R. A. Oakes. It is full of traditions of civilized and savage peoples, relating to immortality and to plurality of souls. — Ticknor & Co. will publish this month 'Better Times,' a volume of stories by the author of 'The Story of Margaret Kent,' 'The Philistines,' by Arlo Bates; 'Pen and Powder,' by Frank B. Wilkie, of the *Chicago Times*, a series of monographs on the late war in the West; 'Vagrom Verse,' by Charles Henry Webb (John Paul), a collection of poems, pathetic and humorous, in illuminated vellum covers: 'The Other Side of the War — with the Army of the Potomac,' letters from Headquarters of the United States Sanitary Commission during the Virginia campaign of 1862, by Katharine Prescott Wormeley, issued under the auspices of the Massachusetts Commandery of the Military Order of the Loyal Legion. Miss Wormeley, now so well known as the translator of Balzac, was a prominent worker in the Sanitary Commission, especially in the Peninsular campaign. They will also publish 'Wanderers,' being a collection of the poems of William Winter, author of 'Shakespeare's England,' etc., and dramatic critic of the *New York Tribune*. — Elizabeth Robins Pennell, wife of Joseph Pennell of Philadelphia, and his companion through Europe on a tricycle, will have a paper on 'Wells and its Cathedrals,' in the December number of the *Magazine of Art*. In this same issue will be the first of two papers on the 'Portraits of Dante Gabriel Rossetti,' by Wm. M. Rossetti. The portraits of the poet-painter in this number cover the period from his sixth to his twenty-fifth year, and are by himself, Holman Hunt, John Hancock, J. E. Millais, and others. — Ginn & Company announce 'Analytic Geometry,' by A. S. Hardy, Professor of Mathematics in Dartmouth College, and author of 'Elements of Quaternions,' to be published in January, 1889. This work is designed for the student, not for the teacher. Particular attention has been given to those fundamental conceptions and processes which, in the author's experience, have been found to be sources of difficulty to the student in acquiring a grasp of the subject as a method of research. The limits of the work are fixed by the time usually devoted to analytic geometry in our college courses by those who are not to make a special study in mathematics. The same firm also announce 'The Beginner's Book in German,' by Sophie Doriot, author of 'The Beginner's Book in French,' to be published Jan. 1, 1889. This follows the natural method. The lessons are introduced with a humorous picture followed by some corresponding verses from the child-literature of Germany. A conversation upon the subject, with the study of words and phrases, completes the lesson. The second part contains graded selections for reading. They have in preparation 'A Reader in Botany,' for school use, selected and adapted from well-known authors by Jane H. Newell. — In the *Edinburgh Review* for October is a graphic description of a tornado and its effects. — D. Appleton & Co. will publish this week in their International Educational Series, 'Memory — What it Is and how to Improve it,' by David Kay; 'Astronomy with an Opera-Glass,' a popular introduction to the study of the starry heavens with the simplest of optical instruments, with maps and directions to facilitate the recognition of the constellations and the principal stars visible to the naked eye, by G. P. Serviss; also, new editions of Drs. Lindley and Widney's 'California of the South,' and of Edna Lyall's 'Donovan.' — Roberts Brothers will publish on the 15th 'The Man without a Country,' by Edward Everett Hale, with forty illustrations by F. T. Merrill; 'The Pil-