

perience to the preparation of this edition, having been actively engaged in the smelting of copper ores during the period that has elapsed since the first appearance of the book; and before preparing the new material he made a special trip through the West to note any improvements or modifications in the treatment of copper ores. The price of the book is \$4.

—“Star Land,” by Sir Robert Staurel Ball, F.R.S., Royal Astronomer of Ireland, published by Ginn & Co., is composed of talks with young people about the wonders of the heavens, told in a very interesting and attractive style. The well-known astronomical facts are placed before one, not in the usual cut and dried manner of the scientist and the mathematician, but well interspersed with anecdote and personal reminiscences that cannot fail to be pleasing and instructive to the amateur astronomer or to those wishing a short course in elementary astronomy.

—Ginn & Co. announce the first number of *School and College*, to be edited by Ray Greene Huling, and to appear in January, 1892. The contents will be: Some of the Next Steps Forward in Education, by E. Benjamin Andrews, president of Brown University; Secondary Education in Census Years, by James H. Blodgett, U. S. Census Office, Washington, D.C.; The Greek Method of Performing Arithmetical Operations, by John Tetlow, head-master Girls' High and Latin Schools, Boston; English in Secondary Schools, by Francis B. Gummere, professor of English in Haver-

ford College; When Should the Study of Philosophy Begin? by B. C. Burt, formerly docent in history of philosophy at Clark University; News from Abroad; Home News; Letters to the Editor; and Reviews.

—P. Blakiston, Son, & Co., Philadelphia, will have ready Dec. 1 the new London edition of the late Dr. Carpenter's work, “The Microscope and its Revelations,” edited by Professor Dallinger. This well-known book will appear in an almost entirely new form. The shape is different, owing to an enlargement of the page. Nineteen of the twenty-one full-page plates, some of which are colored, are absolutely new, and there are improvements in the woodcuts, of which there are to be 800, instead of 500, as in the previous edition. Special attention has been given to all that appertains to the practical construction and use of the instrument; but the interests of amateurs have not been neglected. The earlier chapters of the book have been entirely rewritten, and the work throughout has been brought up to date.

—*The Chautauquan* for December has several illustrated articles and portraits of a number of prominent men and women. The following titles are from the table of contents: “Domestic and Social Life of the Colonists,” III., by Edward Everett Hale; “States made from Colonies,” by Dr. James Albert Woodburn; “The Colonial Shire,” by Albert Bushnell Hart, Ph.D.; “The History of Political Parties in America,” III., by F. W. Hewes;

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