

lieves that the glacial eras of the earth are due to the eccentricity of its orbit. At their maximum divergence the difference between the summer of the northern and that of the southern hemisphere would be thirty-six days. This would allow an immense accumulation of ice alternately at either pole, sufficient to account for all the alternations of climate and other glacial phenomena. The periodical oscillation of the earth's centre of gravity would cause a corresponding elevation or depres-

sion of the sea level through a range of 1000 feet. This would explain many of the submergences and elevations of the land in geologic times. The present summer of the southern hemisphere is eight days shorter than that of the north, and the southern pole is covered by an ice cap of immense thickness. The climatic difference between the hemispheres will increase till they reach their maximum of divergence and then librate in the opposite direction.

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## NOTES ON LITERATURE.

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—A new book by Thomas Hughes, on "The Economy of Thought and Thinking," is promised.

—A new work by W. W. Story, the author of "Roba di Roma" has just been published in New York. It is entitled *Nero: An Historical Play*.

—Among the forthcoming volumes of the International Scientific Series will be one on "The Five Senses of Man," by Prof. Bernstein, of Halle.

—Mr. Hepworth Dixon's new volume, on America in 1875, just announced in London, will bear the title, "White Conquest."

—Rev. Dr. Farrar, author of "The Life of Christ," is preparing "Studies on the Dawn of Christianity." He is now in Italy, at work.

—A new evening paper is being talked of in London, to be edited by Mr. Arthur Arnold, assisted by Mr. G. A. Sala and Miss F. P. Cobbe.

—A collection of Canon Kingsley's letters is being made, and Mrs. Kingsley, who writes from Byfleet, Weybridge, Surrey, asks the holders of such letters to communicate with her.

—Senor Castelar's new volume, in advanced preparation in New York, will include, besides "The Life of Lord Byron," which gives its title,

papers on Hugo, Dumas, Girardin, Daniel Manin, and Thiers.

—Mr. R. A. Proctor's new work, or one of them, is announced under the title of "Our Place among Infinities: A Series of Essays contrasting our little Abode in Space and Time with the Infinities around us."

—At a late auction of rare books and manuscripts in London, a copy of the first English Bible translated by Coverdale, with four leaves in facsimile, was sold for \$1,800; and a Latin Bible printed by Jenson, in 1476, on vellum, was sold for \$1,850.

—A "Concordance to the Poetical Works of Pope" is announced by the Messrs. Appleton, New York. It will be a great convenience, as everybody quotes Pope, or would if he knew exactly where to turn for the line he wishes to use. The book contains 40,000 references.

—An American reprint of Spurgeon's new book, "Lectures to my Students," has just been issued in New York. It is said that over 400,000 volumes of Mr. Spurgeon's various works have been sold in America, by the firm of Sheldon & Co., New York.

—An American edition of Mr. W. R.