

Miscellaneous.

LATE VIEW OF THE AGE OF THE WORLD.

Geologists, astronomers, and physicists alike have hitherto been baffled in their attempts to set up any satisfactory kind of chronometer which will approximately measure geological time, and thus give us some clue to the antiquity of our globe. It is therefore with no little surprise that Mr. Mellard Reade, of Liverpool, has lately contributed to the Royal Society a very suggestive paper in which he endeavors to grapple with the question by employing the limestone rocks of the earth's crust as an index to geological time. Limestones have been in course of formation from the earliest known geological periods, but it would appear that the later fossiliferous strata are more calcareous than the earlier, and that there has been a gradually progressive increase of calcareous matter. The very extensive deposition of carbonate of lime over wide areas of the ocean bottom at the present day is sufficiently attested by the recent soundings of the Challenger. According to the author's estimate, the sedimentary crust of the earth is at least one mile in average actual thickness, of which probably one-tenth consists of calcareous matter. In setting the origin of the calcareous matter, it is assumed that the primitive rocks of the original crust were of the nature of granite or basaltic rocks. By the disintegration of such rocks, calcareous and other sedimentary deposits have been formed. The amount of lime salts in water which drain districts made up of granites and basalts is found, by a comparison of analyses, to be on an average 0.78 parts in 100,000 parts of water. It is further assumed that the excess amount of calcareous matter, taking an average throughout all geological time, will bear to the exposures of sedimentary rocks a ratio of about one to six. From these and other data, Mr. Reade concludes that the elimination of the calcareous matter now found in all the sedimentary strata must have occupied at least 600,000,000 of years. This, therefore, represents the minimum age of the world. The author infers that the formation of the Laurentian, Cambrian, and Silurian strata must have occupied about 200,000,000 of years; the Old Red Sandstone, the Carboniferous, and the Poikilite systems, another 200,000,000; and all the other strata, the remaining 200,000,000. Mr. Reade is, therefore, led to believe that geological time has been enormously in excess of the limits urged by certain physicists; that it has been ample to allow for all the changes which, on the hypothesis of evolution, have occurred in the organic world.

CHARLES BOSS. Mr. Christian K. Ross, father of the long-missing Charles Ross, received an anonymous letter recently from Cincinnati, saying that a man named Chocmami, in the Ohio Penitentiary, knew all about Charles's abduction. The prisoner was interviewed, and told an apparently straight story, that he had been a detective and a Texas ranger, but he could give no details. He says he had the missing boy in Virginia, June 7th, 8th, 9th and 10th, in the year 1877, but refused to designate the place. He says, further, that he was one of a band of 84 men banded together for the purpose of concealing Charles and keeping them out of the hands of detectives.

LECTIC MAGAZINE. The table of the Lectic magazine for November comprises twenty titles, forming a number of great variety and interest. The embellishment is a fine portrait on steel, of M. Guizot, the eminent French statesman and historian. The list of articles is as follows: "History and Politics," by Professor Soar; "A Dialogue on Human Happiness," by W. H. Mallock; "My Journal in the Holy Land," Part I, by Mrs. Brassey; "Two Men of Letters," by George Saintsbury; "Dante as Despairer," a Latin student's song of the twelfth century; "White Wings," a Yachting Romance, by William Black; "Contemporary Literature—Readers," "The Problem of Sauty," "Ancient Egypt," by Reginald Stuart Poole; "Yankee Sonnets," by Professor Blackie; "Maddemoiselle de Nerne," a novel; "Weather Forecasting," an Editor's Troubles; "A Hungarian Episode—Zigeuner Music," by the author of "Finnish Interiors"; "Contrasts," a poem; and a biographical sketch of M. Guizot, to accompany the portrait. The four Editorial Departments are filled with a great variety of interesting and instructive matter, including notices of new books, Foreign Literary Notes, and papers on Science and Art.

DEMOCRACY'S OPPORTUNITY. The masses of the people are not yet ready to throw themselves in the arms of the Radical party, which has too often proved itself to be the party of plunder. There is for the opposition a way out of the slough of despond into which blind leaders have conducted it, if it is only wise enough to follow that way.—From the Chicago Times (Ind.)

Prize Butter at the N. Y. Fair. There was a very fine display of extra choice butter at the great International Dairy Fair. The packages that took the prizes were splendid samples of what good butter ought to be, perfect in quality and color. Many of them were colored to a perfect June tint with Wells, Richardson & Co's Perfected Butter, the use of which was universally recommended both by the makers and the better buyers.

Integrity and Pluck. Mr. Harris is a gentleman who has been identified with the management of financial matters during his entire business life, and his reputation for strict integrity and pluck among his immediate neighbors is a guarantee that the financial affairs of the Commonwealth will be in safer hands when placed in his keeping than if they should be committed to the candidate of the Treasury Ring who are making a desperate effort to renege themselves in power and plunder at Harrisburg. —From the Pittsburg Evening Chronicle (Democrat)

Humbly Agains. I saw so much said about the merits of Hop Bitters, and my wife who was always feeling, and never well, teased me so urgently to get her some, I concluded to be humbled again; and I am glad I did, for in less than two months use of the Bitters my wife was cured and she has remained so for eight or a month since. I like such humbugging.—H. T. St. Paul.

SELLERS' COUGH SYRUP!

50 Years Before the Public. Pronounced by all to be the most pleasant and efficacious remedy in use, for the cure of coughs, colds, croup, hoarseness, itching sensation of the throat, whooping cough, etc. OVER A MILLION BOTTLES SOLD WITHIN THE LAST FEW YEARS. It gives relief wherever used, and has the power to impart breath that cannot be had from any other mixture now in use. Sold by all Druggists at 25 CENTS PER BOTTLE.

SELLERS' LIVER PILLS are also highly recommended for curing liver complaint, constipation, indigestion, fever and ague, and all diseases of the stomach and liver. Sold by all Druggists at 25 CENTS PER BOX.

R. E. Sellers & Co., Pittsburgh, Pa. Oct. 2, 79-10.

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Cures Pains and Aches. It cures the Rheumatism, Neuralgia, Sciatica, Headache, Toothache, Earache, Stomachache, Backache, Neckache, and all other pains and aches. It is a powerful and reliable remedy.

PRICE 25 CENTS. DeWitt's Kidney and Bladder Remedy. It cures all diseases of the Kidneys and Bladder, such as Gravel, Catarrh, Stricture, Hematuria, and all other diseases of the urinary system.

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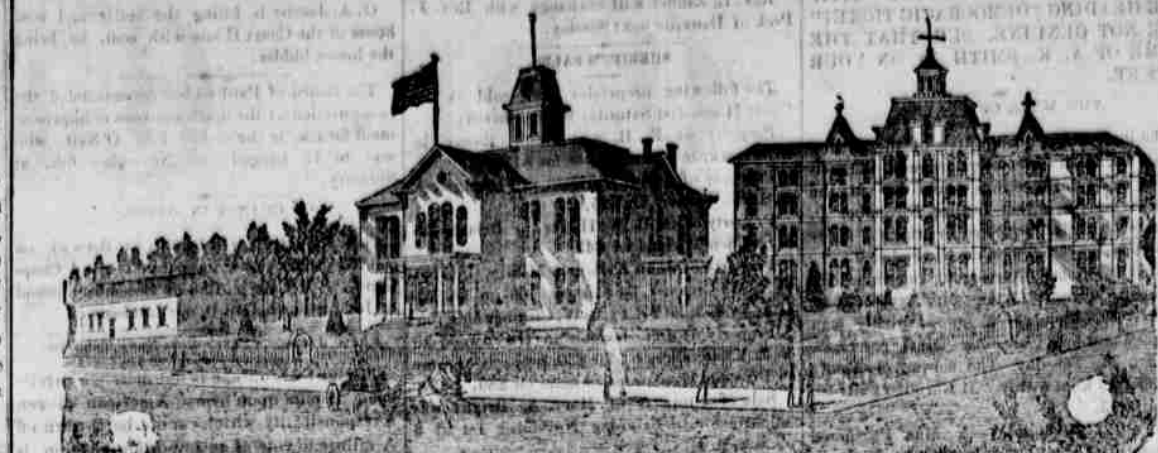
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THE JOHNSON REVOLVING BOOK-CASE. A fine and useful piece of furniture, suitable for all libraries.

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OLD AND RELIABLE. Dr. SARGENT'S LIVER PILLS. A Standard Family Remedy for all diseases of the Liver, Stomach, and Bowels. It is a powerful and reliable remedy.

RAIL ROAD TIME TABLES. Northern Central Railway. Summer Time Table. On and after Sunday, June 23, 1879, the trains on the Philadelphia & Erie Railroad Division will run as follows:

Table with columns for train names, destinations, and times. Includes Westernward and Easternward sections.

Table with columns for train names, destinations, and times. Includes Northern Central Railway section.

PHILADELPHIA AND READING ROAD ARRANGEMENT OF PASSENGER TRAINS. This table shows the schedule for passenger trains between Philadelphia and Reading.

DELAWARE, LACKAWANNA AND WESTERN PAIDIA DIVISION. This table shows the schedule for passenger trains in the Delaware, Lackawanna, and Western Pennsylvania divisions.

WAINWRIGHT & CO. Wholesale Grocers. Philadelphia. Dealers in various goods.

AT THE ORANGEVILLE ACADEMY. You can get a Thorough Education with the LEAST OUTLAY OF MONEY. For Catalogue, address the Principal.

PUBLIC SALE HAND BILLS. Printed at this Office. ON SHORTEST NOTICE AT THE MOST REASONABLE TERMS.

Advertisement for David Lowenberg's clothing store, featuring 'Ready-Made Clothing' and 'Reliable Store of David Lowenberg'.

Advertisement for 'White Sewing Machine' by Singer, highlighting its quality and features.

Advertisement for 'Benson's Capcine' plaster, describing its benefits for pain relief.

Advertisement for 'Farm Minnesota' real estate, offering land for sale.