

SCIENTIFIC SOUPERS.

M. Boiteau reports to the French Academy that the application of bisulphide of carbon to grape-vines infested with phylloxera has proved entirely successful.

In recent papers before the French Academy MM. Gassiot, Paye, Chasse and Schott have discussed the various indications of law in the arrangement of the planets and some of their bearings upon the nebular hypothesis of Laplace and Herschel.

When a balloon is borne along by a rapid current of air, it is not so trustworthy. When the velocity is very great, the error may be as great as one-third of the estimated height.

It has been shown that in cases where a reduction of temperature follows the mixing of a hydrated salt with an acid, the anhydrous salt has been produced, and a large amount of water, previously existing combined in solid form, is set free and is freed.

Steel joints are being made at a few factories in England and on the continent, but certain difficulties attend the rolling, which as yet prevent the production of a large scale.

The popularization of science has its drawbacks; and, perhaps, not the least of these is the sort of worship, analogous to that of young ladies for the curate of the parish, which is accorded to those who are, or more frequently who are supposed to be, the chief representatives of scientific learning.

Dr. Turnbull and Lewis of Philadelphia have lately brought to the attention of the medical profession the merits of a new anesthetic agent, for which they claim advantages which give it precedence over the old stand-bys of the profession—ether and chloroform.

A new process for using up old steel has lately been patented in England. By it a new metal of extraordinary strength and ductility is alleged to be introduced, which is expected to prove of great value.

THE FOUR BULLWHEGERS OF BITTER CREEK.

Perhaps every person who is somewhat advanced in life can remember some incident of his early years which he would really like to forget—something that resulted from the freshness and vast experience of youth.

When I was a boy of about ten years of age, I made my first overland trip to the Pacific coast. I started it from the then terminus of the Union Pacific to the Central Pacific, which was pushing east. The stage broke down on Bitter creek, and the passengers had to walk to the next station.

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ART NOTES.

ETCHINGS.—There is a great demand in London now for scraps of old Dutch paper on which to press etchings. By-leave from old books, often half covered on one side with writing, are eagerly picked up for the purpose.

WOMEN IN ART.—In the principal art schools of New York and in the city of Paris, and their work is equal in every respect to that of the male students.

IMITATIONS.—Imitation pearls, diamonds and precious stones being manufactured to such a considerable extent, and these productions are sent to the shops of all lands.

THE DEFENSE.—De Neuville's "Defense of Korke's Drift" has been shown at the Royal Society's gallery in London.

MANTEL HANGINGS.—According to a writer in the London *Quarter*, in England the painted silk mantel valance and curtains are being made in London.

COSTUME DECORATION.—Ladies in England now are borrowing hints in dress from the costume of the Middle Ages.

AMERICAN INCOMES.—There is no table of the average duration of fortunes; but the statistics of business failures in the country since 1866 show that the average yearly failures ranged from 1 in 103, in the year 1871, to 1 in 75 in 1876.

SWearing and Lying.—Old Parson S. of Concord, was a particular kind of character. One day a man plowing in his field, and he went out to see how the work was getting on.

ABSINTHE.

It is now nearly a century since a French refugee named Ordinaire settled in the town of Village-Griseval, near Val Travers, in the canton of Neuchâtel, Switzerland.

Because William R. Balch obliged a lady friend by confiding a hairpin that would not drop to the floor every movement of her head, the envious Norristown Herald grows and says that it is getting to be so now that a man can't be a successful editor unless he can turn his hand to almost anything.

The funny man, of the New York *Comedical Advertiser*, who tells as if he had been there, says: "When a divorced man beholds his ex-wife at the theater with an old anti-papal sweetheart, he must feel like the man who has been divorced with his nominative in number and person—an irregular passive verb, so to speak—a past participle, a. Well, he must feel just like the farmer who desires to take the case into chancery."

Knights of Pythias, Attention.—A social entertainment for the members of the 4th Order of the Knights of Pythias, will be given at the Grand Lodge, No. 11, and Columbia, No. 42, at the Grand Opera House, on Monday Evening, November 8, 1880.

A Penny Saved is Two Pence Earned.—A lady who writes, writes right along every day, but little time for her pen. She will send a receipt that will cure you, FREE OF CHARGE. Great remedy was discovered by a missionary in South America. Send a self-addressed envelope to the REV. JOSEPH T. INMAN, Station D, New York City.

Manhood Restored.—A victim of early improvidence, causing nervous debility, premature decay, etc., having tried in vain every known remedy, has discovered a simple means of cure, which will send free to his fellow-sufferers. Address J. H. KELLEY, No. 43 Chatham Street, New York.

Dr. R. M. Sennell Pills cure all cases of Seminal Weakness, Loss of Vigor, Neurasthenia, Impotency, Nervous and Physical Debility, and all other complaints arising from Excess, Indulgence or Abuse. The old form of Sennell Pills, known as "Sennell's Pills," is a young and guarded preparation. Dr. R. M. Sennell Pills restore the Sexual Organs, debilitated from whatever cause, to their normal condition. Price, \$2.00 per bottle. Sent C. O. D. by express to any address, secure from observation. Circulars sent to A. McDEVILLE & CO., Druggists, P. O. Box 1,052, San Francisco.

THE CYCLOPE IN JAMAICA.—Mrs. Laura Brooks, wife of a clergyman in the island of Jamaica, writes that during the recent cyclone her dwelling-house, partly washed away, and "our beautiful little church, on which we spent so much labor and money, was a shapless mass of stones. As she was in her picturesque situation, was the prettiest mountain church in Jamaica. It contained memorial gifts of money and valuables, and she writes in a way to describe the sad condition of her heart as she stood among the debris of what a few hours before had been the fabric of our beloved church.

ODDS AND ENDS.

"Horse Bergh Stables" is a sign on Third-street, New York. Chestnuts don't have wings, but are sort of burred-like.—Boston Post.

Time is money—if it is fast and on a good track.—New Orleans Picayune. Professor Monnetto recovered his equanimity, and is going soon to Italy to renew his copies of ancient Roman inscriptions.

Camille Flammarion, the astronomer, has been making a balloon journey with his wife. They started from Paris, traveled all night, and came down near Rheims. A young lady surprised the gentlemanly clerk by offering him fifty cents in payment for a dollar purchase.

Postmaster-General Maynard has issued an order directing that all magazines, pamphlets and other like reading matter received at the Dead Letter Office shall hereafter, instead of being sold for waste paper, be distributed to charitable and reformatory institutions in and around the national capital.

The French Minister of Public Instruction has ordered a special edition of Mr. Herminet's work on education to be published, and all scholastic libraries and associations in France are to receive a copy of it free of application.

General Order, No. 1210 SECOND STREET, ST. M. BRANCH YARD, CORNER TWENTH AND SEVENTH STS. 1011-2010

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MISCELLANEOUS.

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AMUSEMENTS.

RETURN FAVORITES! SHEPHERD'S EDUCATED HORSES! BARNY, TOMMY, JACK the clown.

Will make their Second Appearance in this city, for a short season only, when they will perform upwards of 200 different tricks, such as has never been performed by any other horse in the world.

FRUITS, SEEDS AND PRODUCE. DUTCH AND IMPORTED FLOWERING BULBS. JUST RECEIVED IN FINE ORDER.

W. R. STRONG & CO., Wholesale Commission Merchants. DEALERS IN ALL KINDS OF CALIFORNIA GREEN AND DRIED FRUITS, NUTS, HONEY, SEEDS, AND General Merchandise.

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DENTISTRY. DENTAL DEPOT! MASONIC TEMPLE, COR. SIXTH AND K STREETS.

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E. Lyon & Co., Southeast cor. Seventh and J sts., DEALERS IN DRY AND FANCY GOODS.

NEW GOODS! LADIES AND CHILDREN'S MERINO UNDERWEAR! ALL SIZES, AT LOW PRICES.

Call and see the Handsome RANGES for \$20 and \$25, at SHEPHERD'S, BURN & SMITH'S, No. 323 K street.

FRIEND & TERRY LUMBER COMPANY. MANUFACTURERS, WHOLESALE AND RETAIL DEALERS IN BUILDING AND FINISHING TIMBER AND LUMBER.

LUMBER, KILN-DRIED DOORS, WINDOWS AND BLINDS! Special Order and odd-sizes promptly filled, and shipped from the OREGON, REDWOOD and SUGAR PINE MILLS of the Company.

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THE SACRAMENTO BANK WILL PAY THE HIGHEST MARKET PRICE for State Controller's Warrants on the Late Drainage Construction Fund and on the General Fund. ED. R. HAMILTON, Cashier.

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