

Tobacco and Tobacco Smoking.

[From the New York Evening Post.]

One of the most interesting and novel of all the speculations on the use of tobacco was submitted to the British Association for the Advancement of Science at its late session, and the information afforded will be well received by that large class of persons who indulge in the use of the weed. Dr. Richardson first contrived an automatic smoker, into whose mouth pipes, cigars and meerschaums were placed, and the smoke from them being caught and collected, enabled him to determine the products of the combustion. These he determined as, 1, water; 2, free carbon; 3, ammonia; 4, carbonic acid; 5, nicotine; 6, an empyreumatic substance of a resinous bitter extract. He says:

"The water is in the form of vapor, the carbon, in minute particles, suspended in the water vapor, and giving the eddies of the smoke their blue color; the ammonia is in the form of gas combined with carbonic acid; and the carbonic acid is partly free and partly in combination with ammonia. The nicotine, he says, being a non-volatile body, remains in the pipe; the empyreumatic substance is a volatile body of an ammoniacal nature, with the composition of which the doctor confesses himself unacquainted, but which he has ventured to consider as resin. Whatever it is, it is that which gives the smoke of tobacco its peculiar odor and determines the flavor of a cigar. It adheres powerfully to woolen materials, and when concentrated has a most obnoxious and intolerable smell. The bitter substance is resinous and of dark color, probably having an alkaloid as its base. It is not volatile, and only leaves the pipe or cigar by being carried along in a fluid form."

The varieties of tobacco are innumerable. Simple tobacco that has not undergone fermentation yields very little free carbon, much ammonia, carbonic acid, little water, a small quantity of the empyreuma and an equally small quantity of bitter extract. The Latakia yields the same products uniformly, the Turkish generally more ammonia; Havana, all these products. Cavendish varies considerably in its constituents; pigtail yields all very abundantly; the little Swiss cigars yield enormous quantities of ammonia, and so dry the mouth; Manillas give very little. The Connecticut tobacco is comparatively mild in taste, from the absence of the bitter extract.

The water vapor of smoke is not injurious, but the carbon in it settles on the mucous membrane and irritates the throat. The narcotic effect of tobacco smoke, if received into the lungs, resides in the carbonic acid; the ammonia causes dryness, a biting of the mucous membrane of the throat, and an increased flow of saliva—experiences familiar to smokers. Absorbed into the blood, says Dr. Richardson, it renders the fluid too thin, causing an angularity of the blood corpuscles, suppression of the biliary secretion and yellowness of skin, quickening and then reducing the action of the heart. In young smokers it produces nausea. It is doubtful whether all these effects are to be traced to the carbonic acid. If so, most of our mineral waters, so freely drunk, are dreadful poisons, instead of being remedial agents, as they are generally esteemed.

The empyreumatic substance seems to have little effect except in giving the peculiar taste to tobacco smoke, and after a while of making the breath of smokers unbearable. "Nicotine is rarely ever imbibed by the cleanly smoker," says Dr. Richardson. It affects only those who smoke cigars by holding them in the mouth or dirty pipes saturated with oily matter. When absorbed its effects are injurious, such as palpitation of the heart, tremor and unsteadiness of the muscles and great prostration. It will not of itself produce vomiting; it is the bitter extract which is the cause of this, imperceptibly swallowed and taken into the stomach.

The method of smoking makes all the difference in the world. Those who use the clean, long pipes of clay—as did our old Knickerbockers—feel only the effect of the gaseous bodies and the free carbon. Wooden pipes and pipes with glass stems are injurious. Cigars should never be smoked to the end, otherwise they are more injurious than all. Dr. Richardson says they should be cast aside as soon as one-half is smoked, and always smoke from a porous or absorbent tube. Pipes are much less harmful than cigars. The best pipe is a long clay pipe; next to this, the meerschaum is the most wholesome. Dr. Richardson says, the perfection of a pipe will be found in a meerschaum bowl, an amber mouth-piece and a clay stem. All attempts at pipes to condense the oil have thus far failed. Every smoker should be careful of the manner in which he smokes. A short, foul pipe is very unhealthy.

The fashion of the meerschaum has largely prevailed in this country of late years. The material is now imported in blocks, and manufactured here into various forms, some very handsome and costly. The prices range as high as thirty-five dollars. The proprietor of a good meerschaum thinks as much of it as he does of himself. If it is well colored, which is the result of absorbing the oil of the tobacco, it not only becomes beautiful in his eyes, but the smoke is said to be sweeter to the taste.

The cigar dealers assert that, notwithstanding the heavy tax on tobacco manufactures, the demand has in no way fallen off, but the contrary.

A GREAT AND A GREATER STORM.—Calcutta has been the scene of one of those terrible storms which make eras in history, and the extent of which, and the losses incurred, remind us of the memorable tempests in the South of England, on the 26th and 27th of November, 1703. It came in the form of cyclone, this Calcutta storm, on the 5th of October. Of two hundred ships that were lying in the Hooghly, nineteen were totally destroyed, and 150 others were driven ashore, and more or less damaged. One account says that 110 vessels were wrecked. The loss of property is estimated at almost \$40,000,000! Some think it should be francs. Many American vessels were injured. There is a great excitement among underwriters, as well there may be. The number of lives lost is put at 12,000, but this we hope is an exaggeration. Calcutta was extensively inundated, and villages on the Hooghly's banks were utterly flooded. People must have thought that the day of judgment had come, nothing having so awe-striking an effect as the sight of Nature putting forth what appears to be her whole strength. There are many wild beasts on the banks of the Hooghly,

and they must have been "drowned out" freely, which is a good side to the business.

Great as the Indian storm was, it was not so terrible and destructive as that English storm above alluded to, and which is even yet, after the lapse of more than one hundred and sixty years, spoken of as "the storm." It was the storm which "o'er pale Britannia pass'd," as Addison said. It began about midnight of November 26, the wind being W. S. W., and raged with a fury such as never before or since was known in the "temperate zone." There were many ships-of-war returning from the South, and they arrived near home just in time to be caught in the storm. More than 150,000 men perished, besides those who were lost in merchantmen. Great houses were blown down, including an Episcopal palace. Deaths on land were numerous. Groves of trees were torn up by the roots. The loss of property in London alone was put at five millions of dollars, and in Bristol a million. It was never forgotten; and very old people, who heard of it from their parents, or grand-parents, who were eye-witnesses of the disaster in their youth, spoke of it with something like terror, of late years.—*Traveller.*

WHY THEY DISAGREE.—Our attention is daily called to the wide discrepancies in the quotations of gold rates in New York as received by different private parties here, and by them handed in for publication in the press, and the question is often asked, "How happens it that such widely different quotations are received bearing the same or nearly the same date?" The fact is, that the rates vary so in New York from hour to hour during the day that no quotation can be considered reliable beyond the moment at which it is given, and the most that a quotation is worth is to indicate the tendency of the market towards an advance or a decline. A gentleman doing business on Sacramento street, who has recently returned from the east, states that he had occasion while there to sell some gold, and stepping into an office of a prominent dealer he inquired the rate. On being told the figure, he started for his hotel, two blocks off, and returning directly with the gold, found that he had made four per cent, by the rise during his absence. The fluctuations being thus sudden and violent, it is no wonder that different brokers and bankers will receive quotations widely varying, although dated with an hour or two of the same time in New York.—*San Francisco Paper.*

CONSEQUENCES OF THE EARTH BEING STOPPED IN ITS ORBIT.—In a curious article upon the "Causes of Hurricanes and Meteors," the Scientific American thus concludes: "If the earth should be stopped in its orbit, it would begin to fall straight toward the sun. As it approaches more nearly to that great source of heat it would soon reach a point where the temperature is as high as two hundred and twelve degrees, and then all the waters of the ocean would be evaporated. As it drew still nearer the rocks would be melted, and afterwards they also would be evaporated. Before it reached the sun this solid earth would be converted into a vast volume of red hot gas, which, when it fell into the fiery atmosphere of the sun, would merely produce blasts of wind from the point where it struck outward in all directions."

QUANTREL.—It is undoubtedly a fact that this notorious brigand has the consumption, and was so much out of health all summer as to be unable to follow his ordinary occupation. Price found him on his retreat near the Sini Hills. He entreated Price to take him along with his army South, as he wanted to be delivered from Kansas troops. He was removed to an ambulance in Price's retreating column, and was seen by prisoners from the Topeka regiment frequently. Todd and Bill Anderson are dead. Quantrel is said beyond hope of recovery, and other leading brigands have been killed. Many of their allies, who have all along secreted these bushwhackers, have fled been South, and we are told their wives are following them. We hope for peace on the border if a few more Papaws should leave.—*Lawrence Tribune.*

THE OLDEST VOTER IN THE UNITED STATES.—Seth Marvin of Connecticut township, Crawford county, Pa., being one hundred and five years old, voted the Union electoral ticket, always heretofore having voted the Democratic ticket. He has voted at every Presidential election ever held except that of Washington's first term. He was in the battle of Monmouth in the revolution, and retains all his faculties except his sight.

On the post-examination of the body of a man who died suddenly in Waterbury, Conn., last week, it was discovered that he had but one kidney, a fact which it is believed has no parallel on record.

A member of the Fenian Brotherhood in Chicago having claimed the British protection to screen himself from the draft was expelled from the Brotherhood.

TREMONT HOUSE.

Wallace Street, Virginia City, Opposite the Post Office.

THE UNDERSIGNED has now completed his large and commodious building, first floor 96 x 18, second floor 18 x 32, and is now prepared to accommodate all who will give him a call. The tables will be furnished with as good as the market affords, and the prices to suit the times.

Meals Served up at all Hours. H. C. CROWELL, Proprietor.

Passengers & Freight Wanted for Silver Bow.

A Four Mule Team will make weekly trips from Virginia City to Silver Bow, carrying freight, packages and passengers. Enquire at the store of E. OLINGHOUSE & CO., "O. K." Store, 21-3m Virginia and Silver Bow Cities.

FOR RENT,

ONE-HALF OF ONE OF THE BEST BUSINESS houses in town. Enquire at the City Book Store. 6-4f

GARDEN SEEDS.

ALL YOU THAT WANT CHOICE GARDEN SEEDS OF EVERY DESCRIPTION, Direct from the Agricultural Department at Washington, call on DANCE & STUART'S. 21-4f

CLAYTON & HALE

WHOLESALE & RETAIL DRUG EMPORIUM

Virginia City, Montana Territory, Corner of Wallace and Clay sts., Opposite Creighton's Stone Block.

We take pleasure in informing the citizens of Montana Territory, that we have opened, and offer for sale one of the largest and best selected stock of Drugs ever brought west of the Missouri River, embracing all kinds of

- DRUGS, MEDICINES, CHEMICALS, DYES, PAINTS, VARNISHES, TURPENTINE, COAL OIL, ALCOHOL, BRUSHES, KEROSENE LAMPS, WINDOW GLASS, TOBACCO, CIGARS, PAPER and BLANK BOOKS, PERFUMERY, PATENT MEDICINES, PURE MEDICINAL WINES and LIQUORS, FANCY GOODS and NOTIONS.

For Mining purposes will keep constantly on hand an ample supply of

QUICKSILVER & GOLD SCALES. Particular attention will be given to Physicians' orders and Prescriptions, and nothing will be dispensed from this establishment but what is STRICTLY PURE

The prices of all goods shall be as low as they can be bought in the country. Call and examine before buying elsewhere. 41

STOKES and LEVIS

STORAGE & COMMISSION MERCHANTS.

OPPOSITE JACKSON HOUSE NEVADA CITY.

We would respectfully announce to the public that we have just opened a large stock of Goods

- Consisting of GROCERIES OF ALL KINDS, WINES and LIQUORS, BOOTS and SHOES, MINER'S TOOLS, TOBACCO of all KINDS, FANCY GOODS, CANNED FRUITS, and a general assortment suitable for Miner's use. All are invited to call and examine. 4-3m

SPENCER HARRISON & CO., (Successor to)

COOVER, McADOW & CO., LUMBER YARD.

Corner of Idaho & VanBuren Sts.

ALL KINDS OF SLUCE OR BUILDING LUMBER. Lumber bills filled on short notice. 3-3m

Look Here! 175 000 Pounds

BALED HAY WHOLESALE and RETAIL AT THREE CENTS PER POUND, At Express Corral, East Wallace Street, Virginia. 19-1m C. B. MCKINSTRY.

KRALL & PETCHNER'S

CONFECTIONERY and BAKERY

A Large and Fresh Stock of CANDIES, CANNED FRUITS, and CONFECTIONERIES of all KINDS.

FINE CIGARS, WINES, and LIQUORS, kept constantly on hand.

BALL SUPPERS and WEDDING CAKES,

Given up on Short Notice. Wallace St., one door above the Gem. Virginia City, M. T., Sept. 10, 1864. 3-6m

JOHN H. MING.

Corner Wallace and Jackson sts., Virginia City, Montana Territory. BOOKS & STATIONERY. WHOLESALE & RETAIL. GROCERIES, BOOTS and SHOES.

HO! FOR THE YELLOWSTONE. DAVIS, HOUSEL & CO.,

HAVE THE MOST COMPLETE ASSORTMENT of Dry Goods, Groceries and Provisions in Virginia City, for sale. Also; a complete assortment of Clothing, and Piece Goods. Store on Wallace street, above the Stone Block, Opposite the Cabinet Shop. 5-3m

STAR RESTAURANT.

Jackson, between Wallace and Idaho streets, Virginia City, M. T. FOWLER & SCHENK, PROPRIETORS. THE "STAR" is now open for the accommodation of Guests and Boarders as a regular Restaurant, and is the only establishment of the kind in the city. FRESH TROUT, GAME, HAM AND EGGS, HOT COFFEE, OYSTERS, in every style and the best of everything the market affords, neatly served to order, at all hours of the day or night. Old friends and new ones, and persons from abroad, recollect the Star. 5-3m

TO THE PUBLIC

THE BOARD OF DIRECTORS OF THE VIRGINIA CITY and Summit City Wagon Road Company, will meet at Allen & Milard's Bank on Wallace (or Main) street Virginia City, on Saturday evening of each week at 7 o'clock, P. M.—Persons having business with the Company are requested to confer with them at the above time and place. By order of the Board. J. S. ATCHISON, Sec'y. 6-3m

JOHN A. NYE & CO.

Wallace Street, Virginia City, M. T. DEALERS IN

MINER'S TOOLS OF ALL KINDS, MINER'S TOOLS OF ALL KINDS, STOVES OF ALL KINDS, STOVES OF ALL KINDS,

SHEET AND TOM IRONS, SHEET AND TOM IRONS.

And a general assortment of Goods pertaining to our line of business, which we offer to the Public at reasonable rates.

We are prepared to manufacture anything in our line to order, with despatch. J. A. NYE & Co. 5-4f

LUNCH! LUNCH!!

—AT THE— ARCADE RESTAURANT AND SALOON. BY LOUIS IVERSON.

Corner of Idaho and Jackson Sts. Lunch every night, from nine to twelve o'clock. Meals at all hours of the day, put up in the best style. The finest Wines, Liquors and Cigars, always to be had at the bar. 13-3m

CHAMPION SALOON

Jackson Street, Virginia City, M. T. CON OREM

Begs to inform the public that he has on hand an assorted stock of the Best Liquors, Cigars, &c. His Saloon is adorned with the best set of SPORTING PICTURES, west of New York. Private Lessons in Boxing and Sparring Once a Week. 5-6m

GURNEY & CO.'S,

BOOT & SHOE STORE.

STILL ANOTHER ARRIVAL of GOODS

WE HAVE JUST RECEIVED THE LARGEST and best assortment of our Custom Made Boots and Shoes, ever brought to this Territory, comprising our well known

MINERS' BOOTS, ENGLISH CAP BOOTS, All kinds of LIGHT and HEAVY KIP BOOTS, NAILED and UNNAILED CAVALRY BOOTS, SCOTCH BOTTOM BOOTS, SEWED and PEGGED CALF BOOTS, Single and Double Soles, CALF SHOES, of many varieties.

OPERA BOOTS, GENTS FINE SEWED CLOTH & CALF GAITERS.

Also a large assortment of LADIES ENGLISH LASTING, KID, CALF, and FRENCH GLOVE GAITERS, SHOES, and BALMORALS.

Together with MISSES' BOYS' and CHILDREN'S BOOTS, SHOES and BALMORALS.

We also have a large Stock of BUFFALO OVERSHOES.

And a full Supply of HAYWARD'S DOUBLE AND SINGLE SOLE RUBBER BOOTS.

Making the Boot and Shoe business both in the Manufacture and Sale our entire and legitimate occupation, we are confident of still giving the fullest satisfaction to our numerous customers.

N. B.—We WARRANT all our work. Stores at Virginia and Nevada cities. Virginia City, M. T. Nov. 20, 1864. 13-3y

NEW TINSHOP.

F. R. MERK & BRO., DEALERS IN

HOTEL AND FAMILY, COOKING and HEATING STOVES, MINING TOOLS, TIN, SHEET IRON, AND JAPANET WARES AT WHOLESALE & RETAIL.

N. B.—Job Work in Tin or Sheet Iron done on reasonable terms. Jackson Street, next door to Content's New Stone Corner. 5-3m

SCHOOL.

PROF. DIMSDALE, BEGS TO INFORM THE public that he has opened a SCHOOL on Idaho street, behind Mr. Lomax's Corral. Having been long and successfully engaged in tuition, he feels sure that the friends of Education will support him in his attempt to establish a really good school in Virginia City. All the branches included in the curriculum of the best Seminars will be taught in the most approved manner.

TERMS—\$1.50 per week. A night school will be opened next Monday for those whose vocations prevent their attendance during the day. The strictest attention will be paid to the morals and deportment of the pupils. Young beginners \$1.25. 4-4f

LUMBER.

BRUNDY'S MILL, on Stinkwater is prepared now to saw bills of Lumber of any size at short notice. Their lumber yard in Virginia City, is in the Warsaw Corral, on Idaho street, where they constantly keep the best article of all kinds of lumber at reasonable rates. Also a good assortment of sash and sash constantly kept on hand. 17-4f

LUMBER YARD.

WE HAVE IN OUR LUMBER YARD THE corner of Idaho and Broadway streets, Virginia City a complete assortment of WHITE PINE, and other lumber, and can supply customers on the shortest notice. Orders may be left at the Lumber Yard and will be promptly filled. We have the only mill in the Territory which runs winter and summer, and can fill orders at all seasons. THOMPSON & CO. 4-4f

IF YOU WANT THE BEST BEEF IF YOU WANT THE BEST MUTTON IF YOU WANT THE BEST MEATS OF ALL KINDS IF YOU WANT THE BEST VEGETABLES

The market affords and at Low Prices. Go to the BULLS HEAD MARKET. 4-4f

PATEE HOUSE LOTTERY

GRAND BENEVOLENT PLAN. Arrangements are already made for the sale by Lottery of the Patee House in St. Joseph, Mo.—There will be

528 PRIZE, valued at \$140,000—70,000 shares or Tickets at Two Dollars each.

The Hotel and Block of seven lots 45 by 160 feet each, on which the Hotel stands, will be the first prize.

One best toned Piano, the second prize. Two Billiard tables, one prize each. Thirty marble top bureaus, one prize each; together with a large amount of valuable furniture as per advertisement, that can be seen with agents.

THIS enterprise is the most magnificent of the kind ever started in the West. Twenty-five thousand dollars of the proceeds will be set apart for benevolent purposes, and divided between those towns and cities in proportion to the number of tickets sold in each. Ladies should be interested in the purchase of tickets as there are a number of large mirrors, beside the splendid Furniture in the Brick Chamber, etc. This magnificent plan is founded on benevolence as the dividend of \$25,000 will be for the relief of the poor.

DRAWING TO TAKE PLACE AT ST. JOSEPH MISSOURI APRIL 20th, 1865.

REFERENCES. Theron Barnum, of the Barnum Hotel, St. Louis A. Beattie & Co., John Corby, Milton Tootle, Bankers, St. Joseph, Mo. P. S. PFOUTS, Agent for M. T. Tickets for sale by C. Weary, Tutt & Donnell, at all the Billiard Saloons, and at D. W. Tilton at Co.'s City Book Store. 22-2m

Justus Cooke. J. A. Gray. T. J. Newel.

ELEPHANT CORRAL,

LIVERY, SALE & EXCHANGE STABLE.

Cover Street, Virginia City, M. T. THE Undersigned having removed their Auction Stand to their corral on Cover Street, would inform the public that they have a

FIRST CLASS STABLE in every respect, and solicit the patronage of their friends and the public.

SUPERIOR SADDLE HORSES can be obtained at all times.

Corrals for cattle in connection with the Stables. 12-4f

STUART and CO.,

Deer Lodge Valley, Montana Ter. Dealers in

Dry Goods Clothing, Hats, Caps Boots, Shoes, Hardware, Cutlery, Groceries, Provisions, Produce.

And all articles suitable for the country trade. Virginia, M. T., Oct. 5, 1864. 8-6m

PIONEER STORE,

W. H. LAMOR, & CO., Wallace Street, Virginia City, THE BEST ASSORTMENT OF Clothing, Boots and Shoes, Gents' Furnishing Goods, Blankets, Hats and Caps, etc. constantly kept on hand. 13-3m

ALLEN & MILLARD,

BANKERS, Virginia City, Montana Territory. DEALERS IN

COIN, GOLD DUST, TREASURY NOTES, and FOREIGN and DOMESTIC EXCHANGE.

B. F. ALLEN, Des Moines, Iowa. J. H. MILLARD, Virginia City, M. T. 4-4f

WHOLESALE LIQUOR STORE.

JOHN A. NELSON. HAS ON HAND A CHOICE LOT OF OLD RYE Whiskey which makes up splendidly in Hot Drinks. He respectfully requests the public to give him a call and examine his stock on Wallace street, opposite California Exchange. 6-3m

DEER LODGE and SILVER BOW EXPRESS.

THE UNDERSIGNED have started a regular weekly express between Virginia City, and the above named places, by way of Big Hole Crossing. They will carry letters and packages with safety and despatch. Leave Virginia every Saturday. Express matter left at the "Montana Post" office or Rockfellow and Deane's stock on Wallace street, opposite California Exchange. 17-4f

EGNELL'S

Virginia City, Prickly Pear and SILVER CREEK EXPRESS. Makes Weekly trips between the above named places, with punctuality and dispatch. Fast stock and good spring wagons. Office at King & Gillett's Store, Stone Wall Corner, Virginia City, Montana Territory. 19-3m

Mohegan's Restaurant

IDAHO ST., - - - - VIRGINIA. Second door below Planter's House. THIS House will keep open day and night for the accommodation of guests. Meals served up at all hours. Game, Fish, and all the delicacies of the season the country affords, neatly and artistically served up. A Bar, supplied with choice Wines, Liquors and Cigars, is connected with the establishment. 19-3m