

IN AN ARSENIC MINE.

The Production of the Deadly Drug is Not Unhealthy to the Miners.

Many points of interest are brought out in a description in a technical journal of the way in which arsenic is obtained from one of the most famous mines in England, the Devon Great Consols. The mine, says the Montreal Star, was originally worked for copper alone, and would have been abandoned but for the discovery that the waste thrown out as worthless when copper was sought proved rich in arsenic. Although copper is still raised, it is in small quantities, and the mine has been resolved into an arsenic works. The arsenical pyrites consist of twenty-five to thirty per cent. of iron, twelve and one-half to fourteen per cent. of arsenic and the rest of earthy matter. After being crushed this is sorted by girls of from thirteen to sixteen years of age. It is then washed and "jigged" or sifted and passed on to the first calciner, where it is burned with low class coal, and produces "arsenic soot" so mixed with smoke soot from the coal as to be a gray color.

The arsenic and soot, deposited in combination in the chimney or condenser, are scraped out and taken to the second calciner for purification. The calciners consist of revolving iron drums, through which a fire of anthracite coal is carried on rotating iron furnaces kept red hot. As the arsenic soot is subjected to the influence of this heat the arsenic is sublimed and condensed. This operation has to be carefully watched, and if the workmen burn the arsenic badly they have to pay for it. Three men in four weeks will make one hundred tons of arsenic. The chimney in which the arsenic is condensed is a mile long. It is carried to an incline up a hill, with iron doors in the side. As the hot blast passes upwards it deposits a crust of arsenic crystals on the brickwork all around to a depth of from two to three inches, and minute dust of crystals fall to the floor. The smoke has then to pass into an upright chimney one hundred and twenty-five feet high, but just before doing so it has to traverse a shower of water, which catches what remains of the arsenic, nothing but sulphurous acid being allowed to escape.

The arsenic is liable to produce sores if permitted to lodge in wrinkles and folds of the flesh, or about the mouth and nostrils. As a rule, however, this only happens when there is carelessness as to personal cleanliness, and the arsenic workers simply have to wash themselves thoroughly every day on returning from work. Otherwise the work is considered healthful. It prevents all eczema, and the fumes of sulphuric acid, as well as the arsenical dust, are fatal to germs of disease. Most workmen remain at the works for a number of years without suffering, but occasionally the symptoms of arsenical poisoning, loss of appetite, nausea, frontal headache and anaemia declare themselves. When this takes place the work has to be given up entirely. The greatest danger to which the workmen are exposed is met when it is necessary for any purpose to enter the upright shaft. The effect on the eyes is most painful, and a further curious evidence of the virulence of the pervading atmosphere becomes manifest. The men wear linen garments, lined with flannel, and the sulphuric acid fumes completely destroy the linen in a few moments, leaving the flannel intact, so that the men go into the shaft in linen and come out in wool. Fortunately, it is seldom necessary to enter the shaft, or great loss of sight would ensue.

Is Sicily it is claimed that fire will not burn nor snakes bite the person who was born on St. Paul's day (June 30).

Kenneth Bazemore had the good fortune to receive a small bottle of Chamberlain's Colic, Cholera, and Diarrhoea Remedy when three members of his family were sick with dysentery. This one small bottle cured them all and he had some left which he gave to Geo. W. Baker, a prominent merchant of the place, Lewiston, N. C., and it cured him of the same complaint. When troubled with dysentery, diarrhoea, colic or cholera morbus, give this remedy a trial and you will be more than pleased with the result. The praise that naturally follows its introduction and use has made it very popular. 25 and 50 cent bottles for sale by Blakely & Houghton, druggists.

"This parrot I can recommend. He has only one fault; he makes a terrible row if he does not get his dinner promptly." Widow—"I shall take him. He will remind me of my late husband."—Fliegende Blatter.

See the World's Fair for Fifteen Cents

Upon receipt of your address and fifteen cents in postage stamps, we will mail you prepaid our souvenir portfolio of the world's Columbian exposition, the regular price is fifty cents, but as we want you to have one, we make the price nominal. You will find it a work of art and a thing to be prized. It contains full page views of the great buildings, with descriptions of same, and is executed in highest style of art. If not satisfied with it, after you get it, we will refund the stamps and let you keep the book. Address H. E. BUCKLEN & Co., Chicago, Ill. All Free.

Those who have used Dr. King's New Discovery know its value, and those who have not, have now the opportunity to try it free. Call on the advertised druggist and get a trial bottle, free. Send your name and address to H. E. Bucklen & Co., Chicago, and get a sample box of Dr. King's New Life Pills free, as well as a copy of Guide to Health and Household Instructor, free. All of which is guaranteed to do you good and cost you nothing. Sold by Snipes & Kinersly.

For Trout Lake.

The great fishing resort of the Northwest. Parties can procure teams or conveyance the round trip by writing and stating time they wish to start, number of the party, amount of baggage, etc. Address A. H. JEWETT, 1m White Salmon, Wash.

Malaria in any of its Forms.

Chills and fever, congestive chills, can be prevented or cured by the use of Simmons Liver Regulator, a purely vegetable medicine, superior to calomel and quinine.

Forty-two dollars and fifty cents a pound was the price recently paid at auction in London for a small consignment of tea from the Mount Vernon estate, Ceylon. The tea was pronounced to be absolutely the finest ever grown.

WOOD'S PHOSPHODINE. The Great English Remedy. Promptly and permanently cures all forms of Nervous Weakness, Exhaustion, Spasms, ataxia, Impotency and all effects of Abuse or Excess. Has been prescribed over 25 years in thousands of cases. Is the only Reliable and Honest medicine known. Ask Druggist for Wood's Phosphodine; if he offers some worthless medicine in place of this, leave his dishonest store, inclose price in letter, and we will send by return mail. Price, one package, \$1 per doz. One will please, etc. will cure. Pamphlet in plain sealed envelope, 2 cents postage. Address The Wood Chemical Co., 151 Woodward Avenue, Detroit, Mich. Sold in The Dalles by Snipes & Kinersly.

What is certain is that people coming largely from the phlegmatic races undergo a change of temperament here and become excitable, emotional and irritable in a degree that is unknown in any other part of the world. Another plainly recognized effect of the American climate is that it makes the strain of either mental or physical labor much more severe than it is elsewhere.

What is the cause of this? Dr. Mitchell is clearly of opinion that the first and most potent cause is the climate. How or why the climate of America produces the effect that it does has never been explained. Dr. Mitchell says the operation of climatic conditions in relation to health in this country is utterly mysterious; but he is quite persuaded that the development of a nervous temperament is one of the race changes which are also giving the Americans facial, vocal and other peculiarities derived from none of their ancestral stocks. Some scientific observers have affirmed that there is an "electric" quality in the climate here which operates powerfully on the nerves, but it is not clear what they mean by that; and Dr. Mitchell, who has probably given the subject more attention than anybody else, does not consider the evidence of this electric agency sufficient to found a theory.

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The Dalles Daily and Weekly Chronicle.

THE CHRONICLE was established for the express purpose of faithfully representing The Dalles and the surrounding country, and the satisfying effect of its mission is everywhere apparent. It now leads all other publications in Wasco, Sherman, Gilliam, a large part of Crook, Morrow and Grant counties, as well as Klickitat and other regions north of The Dalles, hence it is the best medium for advertisers in the Inland Empire.

The DAILY CHRONICLE is published every evening in the week Sundays excepted at \$6.00 per annum. The WEEKLY CHRONICLE on Fridays of each week at \$1.50 per annum.

For advertising rates, subscriptions, etc., address THE CHRONICLE PUBLISHING CO., The Dalles, Oregon.

Job Printing advertisement for The Dalles, Portland and Astoria Navigation Co. Includes text: "The Regulator Line", "Freight and Passenger Line", "Through Daily Trips", "Reasonably Reasonable Rates."

Closing-Out Sale of Furniture & Carpets advertisement. Includes text: "The poet unquestionably had reference to the Closing-Out Sale of Furniture & Carpets at Crandall & Burget's."

Bayard & Barnett advertisement. Includes text: "Familiar Faces in a New Place", "The Real Estate, Loan, Insurance, COLLECTION AGENCY, NOTARY PUBLIC."

D. Bunnell advertisement. Includes text: "D. Bunnell, Pipe Work, Tin Repairs and Roofing, MAINS TAPPED UNDER PRESSURE, Shop on Third Street, next door west of Young & Kuss' Blacksmith Shop."

ABOVE EVERYTHING ELSE, Dr. Pierce's Golden Medical Discovery purifies the blood.



By this means, it reaches, builds up, and invigorates every part of the system. For every blood-taint and disorder, and for every disease that comes from an inactive liver or impure blood, it is the only remedy so sure and effective that it can be guaranteed. If the "Discovery" fails to benefit or cure, in every case, you have your money back.

A Society of Begging Letter Writers.

Several prominent Parisians were recently pestered by begging letter writers, some of whom had the audacity to threaten reprisals by dynamite if they did not receive prompt alms. This conduct has led to the arrest of twenty-two men, who formed a band of cosmopolitan letter scribers.

"I know an old soldier who had chronic diarrhoea of long standing to have been permanently cured by taking Chamberlain's Colic, Cholera and Diarrhoea Remedy."

My boy was taken with a disease resembling bloody flux. The first thing I thought of was Chamberlain's Colic, Cholera and Diarrhoea Remedy. Two doses of it settled the matter and cured him sound and well. I heartily recommend this remedy to all persons suffering from a like complaint.

MAUDE—"Why don't Laura marry Dick Hobson? I thought she liked him."

My boy was taken with a disease resembling bloody flux. The first thing I thought of was Chamberlain's Colic, Cholera and Diarrhoea Remedy. Two doses of it settled the matter and cured him sound and well.

The best trotting record for twenty miles is fifty-seven minutes and twenty-five seconds.

By local applications, as they cannot reach the diseased portion of the ear. There is only one way to cure Deafness, and that is by constitutional remedies.

Deafness Cannot be Cured

By local applications, as they cannot reach the diseased portion of the ear. There is only one way to cure Deafness, and that is by constitutional remedies.

We will give One Hundred Dollars for any case of Deafness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & Co., Toledo, O. Sold by Druggists, 75c.

Get Your Money.

All county warrants registered prior to August 1, 1890, will be paid on presentation at my office. Interest ceases after July 12th.

Wm. MICHELL, County Treasurer.