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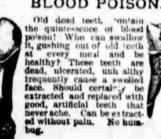
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BLOOD POISON.





ABRASION OF THE TEETH. The above cut shows the teeth of a man 45 years of age, from Dr. Bell in 1831. We meet with this affection in the teeth in various forms and degrees. The ends of the crowns seem very soft, having a low degree of vitality and wear down showing a dark yellowish cupped spot in the center. Many are so foolish as to that molar teeth are of little account, the term go by default; after which all the ferce of the muscles are extended to the

front teeth, wearing them down rapidly.

The best, and only remedy, is to cover and only up the ends with gold and platfoum, the b wears like steel and saves them many building them up, contour fillings, etc



tute A and B are from John Tomes, of Eng

A—Two incisors with notches in the ends.

B shows the peg-shaped teeth with y. Howish lits in the ends.

For such teeth we have two remedies: First

To fid he pits in the cads with gold. Sec
ond—Extract them and replace them with
artificial teeth. But the bones absorb awa
rapidly so that they will need resetting fre

quently.
We make the Speet artificial teeth in the worthwest We use Justles' and White's patent teeth with long, heavy pins, mounted on strong clastic plates. Those who patronize us will not be troubled with broken teeth and cracke. plates, canker sore mouths, etc.

To loose the front teeth, is to loose half
the power of speech, and more than half the

Diseased Gums.



DR. A. P. BURRUS, 1208 O Street,

On the Rapid Transit, cures up dise sed makes the finest gold and platinum fil ings, the finest teeth that tobacco will not ta with

MEN WRITTEN ABOUT.

What the Paragraphists Say About Those Whom the World Well Knows. Mr. Cornelius Vanderbilt's family is in

Edgar Saltus is dark as an Iudian and wears his bair as carefully straight. W. H. Bishop and Sidney Luska devote some of their spare hours to amateur pictog-

raphy. Brayton Ives has probably the most valu-

able collection of manuscripts and rare books Representative Dalzell, of Pennsylvania, is

admitted to be the best dressed man in the Although he has become a social lion in England Bret Hartelougs to get home again.

At least a correspondent says so. Count Paul Vasili says that "Rome is the best place in Europe for arriving at the knowledge of diplomatic arrangements which

the parties chiefly concerned would like to

Francis Murphy, the noted temperance orator, would like to see milk, lemonade, ginger pop and like drinks given to the people free on Sundays. But the people are always satisfied with free ice water and ask no more.

The Bishop of Chester informed the boys of Kings school the other day that "boys, like hishops, require light reading, even if it assumed the form of penny dreadfuls." The remark is an interesting sign of the emancipation of the age from the old ideas in regard to light reading.

Mr. J. J. Van Allen, who is the son-in-law of William B. Astor, but who, being wealthy in his own right, has no need of the Astor money, has just completed a wall seven feet high and 350 long around his grounds at Newport. Mr. Van Allen is a great admirer of English customs, and his house is built in English style, and furnished throughout with English furniture. The house and wall cost him \$500,000.

Mr. Charles Lanier, the banker, is building one of the finest barns upon his place at Lenox to be found in the country. It is called an English barn, and is to be the home of his thorough bred Jerseys. It is elaborately finished in billed white pine. The floor is of asphalt brought from Switzerland. The place will be heated by steam, and the cows' food will be prepared by machinery now being put in. If these Jerseys do not chew the cud of contentmet it will be because they are very hard to please.

The late Mr. Hiram Sibley was mainly instrumental in organizing the New York and Mississippi Printing Telegraph company, which, in 1854, leased the lines of the Lake Eric Telegraph company. At this time Ezra Core-II was in possession of valuable grants under the Morse patent, and had control of the Erie and Michigan Telegraph company. After much negotiation the two companies, controlled by Mr. Sibley and Mr. Cornell, were united by an act of the Wisconsin legislature dated March 4, 1856, and of the New York legislature a month later, under the name of the Western Union Telegraph com-

Speaking of Mr. Gladstone's recent speech at Hampstead, a writer in The Liverpool Press says: "Mr. Giadstone was in almost exuberant spirits, and as his well known form, rendered more conspicuous by his light gray summer suit and white hat, moved briskly from one group to another, there was much marveling at his phenomenal vitality. When, finally, an adjournment was made to the studio, and the veteran statesman discoursed in his more facile and attractive manner for upward of an hour, the marvel increased to sheer wonderment. To those who had not experienced the delight of listening to one of Mr. Gladstone's Budget speeches, his manipulation of the Thanet election figures was a revelation, and it was at once seen how even dry statistics might made interesting in his hands."

A determined looking man was pushing along Christopher street long after midnight not long ago, He was recognized as Mr. Theo dore H. Lee of the American Bank Note company. Asked what on earth he was doing in the tangle of the Ninth ward streets, ne told this singular tale; "I could not sleep. Whether it was owing to the queer cigarsent me by uncle Si Cummings or what I cannot say. I arose and dressed. My diaries lay on my desk. I opened them and fell to summing up the miles in all the journeys I have made in recent years. To my surprise the total was 99,997 miles. It lacked three miles of four journeys around the globe. I determined not to go to bed until I had completed the hundred thousand miles. The Hoboken shore is exactly a mile and a half from my house. I have been there. When I reach home again I shall have been as far as though I had sailed around the globe four

Early in the summer, the Rev. Mr. Rainsford, the energetic rector of St. George's church, New York, somewhat startled the wealthy members of the congregation by making the unique proposition that while they were away enjoying themselves this summer, they should allow some respectable poor families of the parish to occupy portions of their residences, and thus provide a change of surroundings that to those compelled to pass the hot months in the stiffing quarters of a crowded tenement would be dmost equal to an "outing" in the country. Naturally, this proposed innovation was not immediately received with acclamation; but Mr. Rainsford, who is prolific in ideas for the benefit of all concerned with his church, especially the poorer members, said that he would become personally responsible for the conduct of the favored families; and so the suggestion has become un fait accompli. A number of his wealthy parishioners whose houses are usually closed during the summer have opened the basements for the occupancy of deserving families selected by the Ladies' Relief society of the church, and meanwhile the exp riment is being watched with in-terest. Whether the brief enjoyment of this comparative luxury will engender a feeling of discontent with their lot when compelled to geturn to their usual surroundings, or whether it will prove the boon that is in-tended, remains to be seen.

Estimating Speed of Trains. Inquiry is frequently made as to how the speed of a train may be estimated. The traveler especially is curious about the speed his train is making, and we suggest three methods by which the speed may be guessed

with remarkable accuracy, as follows: 1. Watch for the passage of the train by the large white mile posts with black figures upon them, and divide 3,600 by the time in seconds between posts. The result is the

speed in miles per hour. 2. Listen attentively until the ear distinguishes the click, click, click of the wheel as it passes a rail joint. The number of clicks upon one side of the car in twenty seconds is the speed of miles per hour, when the rans are thirty feet in length, and this is the case

generally. 3. Count the number of telegraph poles passed in two minutes, if there are four or five wires to a pole, and in two minutes and twenty seconds, if there are only one or two lines per pole. The number of poles passed is the number of miles per hour at which the train is traveling. - Railway Review.

SCIENCE AND PROGRESS.

POPULAR SCIENCE NEWS FROM TRUSTWORTHY SOURCES.

Curious Experiments with Camphor and the Phenomenon of the Surface Tension of Liquids-Toy Boat Propelled by

If we place a piece of camphor upon a clear surface of water, says M. Devaux, in La Nature, it will begin to move about in various directions, without any apparent cause, and continue this motion for a long while. By gently blowing upon it, the motion may be increased; and, singularly enough, the camphor will move against the current of air, being apparently attracted towards its source. The same phenomenon may be observed when the camphor is placed upon a clean surface of pure mercury, previously slightly warmed. The particles dart about in a most curious manner, resembling the movements of little tadpoles swimming in water (Fig. 1). If a drop of water or any greasy substance is added to the water in which the camphor is moving, it immediately stops.



PIG. 1-SURFACE TENSION OF LIQUIDS. A curious toy depending upon this phemenon may be made by bending a piece of tin into the shape of a small boat, which may be provided with a mast and flag (Fig. 2). A piece of camphor is fastened to the stern, and furnishes a motive power which causes the miniature ship to sail round in a most mysterious manner. The explanation of this phenomenon is rather difficult, and, in fact, is not perfectly understood by any one; but it is undoubtedly due to what is

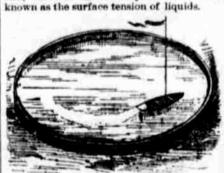


FIG. 2-SURFACE TENSION OF LIQUIDS. We know that the surface of all liquids is n a state of tension, like a piece of stretched india rubber cloth. This surface tension varies with different liquids, and is greatest in the case of water. If we spread a film of oil, alcohol, or even vapor of camphor, over the water, these films displace the water film and reduce the surface tension of the whole to that possessed by themselves alone.

A Whistling Language.

At a meeting of the Berlin Anthropological ociety a German officer who has lived on Gomero Island, one of the Canary group, described a whistling language which is used by the inhabitants. The language does not consist of any arbitrary series of signals or sounds. It is described as ordinary speech translated into articulate whistling, each syllable having its own appropriate tone. The Gomero uses both fingers and lips when whistling, and Lieut. Quedenfelt asserts that he can carry on a conversation with a neighbor a mile off, who perfectly understands all be is say-ing. The practice is confined to Gomero Island, and it is quite unknown to the other islands of the archipelago. The adoption of the whistling language is said to be due to the peculiar geographical construc-tion of Gomero Island. It is traversed by numerous gullies and deep ravines, running out in all directions from the central plateau. As they are not bridged they can only be crossed with great difficulty; hence a man living within a stone's throw of another in a straight line has often to go many miles when he wishes to see and speak to his neighbor. This, it is conjectured, led to the adoption of whistling as a useful means of co.mmunication, which has gradually assumed the proportions of a true substitute for speech.

Genuine Mocha Coffee

The following from The Journal of Commerce may surprise some of our readers: "The genuine Mocha coffee comes only from the province of Yemen, a province of Arabia of which Mocha is the principal place on the sea coast. No coffee is grown in Mocha. Something over 10,000 tons of coffee are annually exported from Mocha, but no small part of it is not the product of Yemen, but is grown in the East Indies and sent to Mocha, whence it is reshipped either as received or mixed with the Arabian product. Of the coffee sold under the name of Mocha both in England and the United States, very little is grown in Yemen. Some comes from the East Indies, and other portions come from Africa, and even from Brazil. A British writer declares that not a kernel of the best Mocha coffee ever gets further west than Constantinople. All the best grains are picked out for use nearer home, and only the pale, shriveled and broken seeds are left to reach any foreign shore.

Oil Rockets.

An improved method of distributing oil on the waters consists of a rocket to which is attached a cylinder filled with oil. It is said that the rocket can be fired with accuracy from the ship, and that when it explodes the oil is scattered just where it is wanted. Several interesting experiments have recently been made between Bremen and New York. In one, says Scientific American, the rocket was fired to a distance of 1,500 feet and less distances. By the explosion of five rockets at a distance of from 1,200 to 1,500 feet from the ship, a space of from 1,500 to 2,000 square feet of water was covered with oil, and the waves were at once smoothed. The rocket was fired 900 feet against a gale. The im-portance of the invention to deep water sailors consists in the certainty of explosion of the rocket at a sufficient distance to leave the vessel in calm water during a gale. invention is said to have been purchased by the North German Lloyd.

The Lightning Rod.

"The uselessness of the lightning rod," says The Electrical Review, "is becoming so gen erally understood that the agents and their vocation a trying one. Fewer and fewer rods are manufactured each year, and the day will come when a lightning rod on a house will be regarded in the same light as a borseshoe over a man's door."

ALL SORTS OF ITEMS.

Many of the interior towns of Oregon are raising money to import song birds from Germany.

A canal across Italy is being planned, to connect the Adriatic and Mediterranean. It will b gin at Fano. There is one place in Ventura county, Cali-

fornia, where there are 6,000 acres planted with beaus. Sentimental London ladies, to help the

starving Hindoos, are sending out stuff for their next season's frocks, to be enriched with marvelous oriental embroidery. A statue to Shakespeare is to be erected in

one of the most conspicuous and fashionable parts of Paris, but it is at the expense of an

A vulture, measuring nine feet from tip to tip, was lately shot near Julien, San Diego county, Cal., as it was sailing away with a full grown sheep in its claws.

The cultivation of grasshoppers may become a profitable industry in the neighborhood of St. Paul, since it has been decided to pay \$1 a bushel for them. An English court has decided that railroad

servants cannot eject persons from trains who say they have lost their tickets the only rem: dy being to sue the passenger for breach of contract; The auditorium on the Ohio Centennial

Exposition grounds in Columbus is hemispherical in shape. The floor is 250 feet in diameter, and the highest point of the roof is eighty-six feet from the ground. An observer on Hydo Park corner reports

that between 12 and 1 in the afternoon ninetenths of the girls that pass have their faces painted, their eyelashes and their eyebrows larkened and their lips reddened, During a recent fete of the Bologna university the students of Parma sent to their

Bologna brethren a Parmesan cheese weighing 160 pounds and covered with Latin inscriptions worked in macaroni. A huge tun of Barbera wine went with it. A new state is about to be added to the sixterbood of nations. Letters patent have been granted to "The British East African

Company," giving them full power to erect and maintain a government, with taxes and army. It lies north of the German East African Society near Zanzibar, and includes some of the duest land in Central Africa.

The defense scare in England has brought out the facts that the nation has 204 admirals and only fifty armored sea going ships. Only thir een admirals are employed, drawing £37,000, while 281 unemployed receive £161,-000. At the same time there are 140 generals, of whom 100 are employed.

The Salvation army are having great success in India according to all reports. They are said to live on twenty cents a week per capita, and submit to great privations un complainingly, and it is also said that Commissioner Tucker, their leader, recently resigned a government place worth \$4,000 a year to join the army.

According to a first class authority, horse flesh is largely eaten in Alsace, Germany. The choice cuts are retailed for about eight cents per pound, and the ordinary six cents. A large quantity is used in the manufacture of sausages. All horses are given a strict examination before and after being killed, and if found in any way diseased are rejected. In Strasburg the flesh of thirty borses is eaten every week.

The Automatic Car Coupler.

Mr. A. W. Van Dorston estimates there are 1,000,000 cars in the United States, the couplers of which must be changed if the standard of the Master Car Builders' association is generally adopted. He figures the cost at \$28.50 a car, which would make the entire expense of the charge \$28,500,000. Supposing the present couplers—which must displaced-to have cost \$15 per car, or \$15,000,000 for the entire equipment, and but the destruction of cars and car trucks the wrecks from broken links, the loss of pins and links, the death rate from the free slack and going between the cars to place and replace the links, costs annually \$17,000-000 more, or \$32,000,000 is all, still he thinks the automatic coupler must be regarded as decidedly the cheapest. - Scientific American.

New York's Buttermilk Habit. The butternilk habit seems to be alarm

ingly on the increase in New York city. Ou Park row alone, between Ann street and Frankfort, there are now daily no less than three perambulatory dairies, which have for their most conspicuous placards an announce ment of the fact that their buttermilk was positively churned this morning, and is kept in porcelain lined jars." Similar estab lishments are scattered abort most of the leading down town streets. Buttermilk sells for three cents a glass, while milk costs five, which may account for some of the popularity of the former beverage.-New York

An Old Bridat Dress.

Speaking of old furniture recalls to mind the fact that a dealer in that costly bric-abrac in one of the New England towns found in the secret drawer of a famous old chest a bridal dress of India muslin. The fabric was so thin and fine that the gown entire was easily contained in a long, narrow drawer that required the eyes and fingers of an adept to search out its mystery. same dealer discovered a letter from Wash ington and one from Lafayette in the secret corner of an old desk that was in process of renovation.-New York Press.

Rudeness of English Students.

The conduct of the undergraduates at Oxford was so rude at the recent commemoration that it was criticised even by the English, who are used to such jocularities. The vice chancellor, who opened the convocation in Latin, was told "to speak up," and to copstrue his oration. Some one shouted that he could not hear a word, and the speaker was told that "that was quite enough, sir." The senior proctor was asked to oblige with a song, and altogether the proceedings were said to be noticeably "deficient in humor."— Chicago Herald.

Clams from the Pacific.

There is a great deal of excitement at resent among the clams on the Pacific coast. The United States Fish Commission has made arrangements to ship a car load of clams from San Francisco and place them in the Atlantic ocean. It is asserted that they are superior to the eastern variety, and the ex periment will be made on that account. The New England club will give a clambake later in the season in honor of the new arrivals, in which they will be expected to take quite a prominent part. - Philadelphia Times

Defrauding a Railroad.

The son and daughter of a woman of independent means were recently fined \$5 in England for systematically defrauding a railroad by traveling without tickets until within a mile of their destination and then using tickets for that distance handed them by a friend, giving up those tickets at the end of the trip as though that was all the dis tance which they had traveled, such a fraud being possible under the English railway methoda Chicago Herald

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