

SCIENCE.

French laborers who walk barefooted upon the asphalt pavements are subject to swelling of the limbs. This ailment has been attributed to the effect of the vaporization by the heat of the feet of a small quantity of the petroleum or mineral oil which is contained in the asphalt.

In a New York medical school an interesting experiment was tried with a new instrument designed for removing the interior or spongy part of the bone. The trial was made upon the leg of a sheep. The apparatus is an electrical one, and drives the drill at a speed of 12,000 revolutions per minute.

M. Berlier, an engineer, proposes a system of pneumatic transmission between Paris and London, involving the employment of two tubes—one for sending and the other for receiving telegrams, letters and postal parcels weighing up to twelve pounds.

Herr Sjöberg, a Swedish engineer, has produced a new explosive which he calls "romite," and with which experiments have just been made at the fortress of Waxholm. The manufacturer claims that the explosive may be manufactured without any elaborate machinery; that it cannot explode even when closely confined, except when united, and that it cannot freeze. While its strength is very great, its cost is small.

One of the most interesting facts contributed by Prof. Nordenskjöld to popular science is contained in his account of his examination—when about eighty degrees north latitude, before reaching Parry's Island, to the northwest of Spitzbergen—of the snow which covered the icebergs, and which had come from still higher latitudes. He found it strewn with a multitude of minute black particles, spread over the surface or situated at the bottom of little pits, a great number of which were to be seen on the outward layer of snow; many of such particles were also lodged in the inferior strata. This dust, which became gray on drying, the professor found to contain a large proportion of metallic particles attracted by the magnet, and capable of decomposing sulphate of copper.

It is said that the wood on the north side of a tree will not warp so much as that from the south side, and that if trees are sawed in planes that run east and west, as the tree stood, it will warp less than if cut in the opposite direction. However this may be, it is certain that the tendency to warp when sawed into boards is much greater in green than in dry wood, and that the convex side of the curve is always toward the heart. This curve is always toward the heart. This curve is always toward the heart.

IN JAIL.

The Limestone Club All Torn Up.

As the members began to fill the chairs and benches in Paradise Hall and the hand of the clock crept along toward the usual hour for opening, there was much wonder and speculation over the absence of Brother Gardner. It was noticed that Sir Isaac Walpole, Elder Toots and Judge Cadaver were in close and earnest consultation, and when the triangle finally sounded its note of warning there was an undefined fear that something was about to happen—something not down on the usual programme.

"My frens," said Brother Walpole, as a solid hush fell upon the assemblage, "our beloved President left for the western part of de Stait two days ago to deliver a lectur befo' a body named, 'De Association fur de Suppresshun of Corrupt Legislators.' He departed in response to a telegram an' he left in such a hurry dat he took nuffin wid him except a pocket comb an' a change of paper collars. He 'spected to return in about twenty-four hours, but he am still absent, an' no word or line has bin received from him. We will open de exercises by singin' a song constructed and finished off entirely by hand by de Hon. Castoff Jenkins, of Virginny."

At the conclusion of the song Way-down Bebee arose with tears in his eyes and his bosom making thirty-six revolutions per minute. As Chairman of the Committee on Disinfectants and Poetry he had offered a prize of \$5 to the best ode to the watermelon. There was no need of going any farther or waiting any longer. He should at once forward his note of hand to the builder of the ode—a note drawn at one year, without indorsement or interest.

Brother Bebee's heroic and philanthropic resolution was being vigorously cheered when the Keeper of the Outer Door announced a communication and sent it up to the President's desk. Sir Isaac Walpole was visibly affected as he perused it, and in his nervous excitement he lost one of the eyes to his spectacles and knocked a bottle of ink off the desk full upon the Secretary's bald pate.

"My frens," said Sir Isaac as soon as he could control his voice and stand on his legs, "dis message explains the mysterious absence of our President. Listen while I read:

St. Joseph County, Mich., In the County Jail. My Dear Brethren—At de close of my lectur las' nite I was arrested on de charge of havin' received a bribe to de-florence my offshul ackhans. Dey hev takin me fur a member of de Legislachur, and I am charged with having received de sum of \$300 for my vote on a land grant bill to a sartin railroad. While it am, of course, a case of mistaken identity, an' while I shall eventually emerge from dis cell whiter dan out-loaf sugar, popular indignashun has so blinded de public dat you may not see me home fur seberal days—perhaps a week. Some of you go ober an' see de ole wo'man an' lend her a few shillins to run de house on until my return, an' some of you be prepared to take a freight train fur dis place upon receipt of a postal keerd. I shall hev to be identified, an' shall hev to prove dat I haven't bin widin fifty miles of de House of Representatives doorn' de present seshun. Let Sir Isaac Walpole be called to de cha'r, an' let de meetin' go on de same as if de dishonesty of high public offshuls had not brought dis calamity upon us.

Oldham Jones called for 500,000 volunteers, armed with 500,000 bone-handled razors, to follow him to the rescue and to shed 100,000 gallons of blood to wipe out the insult.

Shindig Watkins said he was ready to lay down his life if necessary, and his words were echoed by Judge Cadaver, Cohorts Perkins, Trustee Pullback and fifty others, and the enraged mob glared around for a victim.

Sir Isaac spoke soothingly. It was a mistake which had often happened before. It had often been remarked that Brother Gardner looked like a member of the Legislature, and the people who caused his arrest would willingly apologise as soon as their victim was properly identified. As for the routine business of the meeting it had all been upset, and he thought the wisest policy was to adjourn.

This decision was concurred in by the Rev. Penstock, Waydown Bebee, and other influential members, and a motion to adjourn was carried. The hall then became the headquarters of such an excitement that the police rapped several times on the alley door and threatened arbitrary measures. It was finally decided by the club—

- 1. To forward a committee of five members by the first Blue Line Freight train.
2. To demand full satisfaction for the insult, and to accept nothing less than \$50,000 damages.
3. To take said \$50,000 damages and erect a new Paradise Hall.

Mr. Duke's Explanation. It was at a big August meeting in Wake Co., N.C., and there were acres of darkeys present. The "Crossing of the Red Sea" was the subject of the discourse, and the Rev. Mr. Duke, a 'man-cipated minister, was treating it in the most frigid manner. He had just closed by saying, "Moses and the chil'un of Israel crossed ober the Red Sea on the ice, but when Faro and his lumberin' big chariots come 'long, dey broke frue the ice and dey was all drowned," when a young man from town arose and said:

"Brer Duke, will you 'low me to ax you a question?" "Sartinly; what is it?" "Well, Brer Duke, I's bin studdin' geografi, an' geografi teaches me dat de Red Sea am in de tropicks, an' dat dere ain't no ice in de tropicks. What I want to ax is dis: Whar dat ice cum from whar Moses crossed ober on?" Brer Duke cleared his throat, mopped his brow, hesitated a moment and replied:

"Well, I's glad you ax dat question. It gives me an opportunity to 'splain. My dear young brer, you musn't think 'cause you war' store close an' bin to skool dat you know everything. Dis thing I'm preachin' 'bout took place long time ago, 'fore dere was any geografi an' 'fore dere was any tropicks."

The Dog All Right. As a letter-carrier started to enter a yard on Mullett street yesterday a dog rushed at him and drove him out, and as he limped into a shoemaker's shop on the corner he was asked by the owner: "Vhell, did you meet my new dog?" "You bet!" "Und didt he bite you?" "Snapped me here in the leg like a steel trap."

"Ah! He vhas recommended to me ash a dog who would bite, but I doan' know if der man lied to me or not. Vhell, vhell! So he does bite, eh? Dot satisfies me, und I doan' worry some more."

A Defective Memory. "Have you ever before been punished by the law?" asked a justice of a colored culprit. "Yes, I called a man a liar, and I had to pay a fine." "Is that the only time you have come in conflict with the law?" "Now dat yer speaks ob hit, jedge, I bleevs I was in de penitentiary for ten yeahs, if I disremembers myself."

Irish Emigration set in towards England in 1820 and 1830. In 1840 there were 539,400 Catholics in England and Scotland. The number of priests was 624. In the year 1880, the Catholic population of Great Britain was 1,384,000, clergy, 2,282, and churches 1,401. Thus while the inhabitants of Great Britain have increased 60 per cent., the Catholics have increased 158 per cent. In forty years.

The Veto.—O'Connell, one day, when a great Catholic lawyer and speaker named Wolfe had been trying to persuade the people that the veto was an innocent measure and that it ought to be granted, because the Catholics would then be admitted to all places, came forward and told them the story of the wolf, and he punned on the name,—for it was after Mr. Wolfe had finished speaking to them,—how one day the wolf told the shepherd that it was useless for him to keep dogs to guard the sheep, because they would not eat a sheep if it should be given to them. And they tried to persuade the shepherd to trust his sheep to the mercy of the wolves. "And so," said he, "Mr. Wolfe comes out here and tries to persuade you to give up your bishops, and trust the flocks of Christ in Ireland to the English wolves, for they have all become so tame that they would not eat a lamb if it was given to them." He gained the field.

Something in a Name. "I don't see much of my husband now a days," sighed a West Side woman, dejectedly conversing over the back yard fence with a neighbor. "He's working in the pail factory." "Where's that?" "I don't know exactly. It is somewhere down town. He calls it a bucket shop, but I think the name pail factory doesn't sound so harsh and disgraceful."

Children in Congo are the property of the mother's relatives. The right of inheritance is from uncle to nephew, and a man's slaves and real property go to the eldest son of his eldest sister, or the next of kin in such line. A wise nephew usually leaves his father's household and lives elsewhere.

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Provincial Exhibition. The Tenth Provincial Exhibition will be held under the auspices of the Board of Agriculture. AT ST. BONIFACE, [MANITOBA] ON September 28, 29 and 30 And October 1, 2 and 3. \$10,000 IN MONEY PRIZES Besides Medals, Diplomas, &c. Closed stalls provided for Horses and comfortable sheds for other animals. Passengers will be carried by Railway at a Single Fare for the double journey. Exhibits at a single rate. See posters and advertisements for particulars of special trains, &c. Formal Opening by the Lieutenant-Governor, Sept. 30th. Entries close September 15th. Entry fee \$1.00. ADMISSION TO GROUNDS, 25c. For Prize Lists, Entry Papers, and other particulars address ACTON BURROWS, Secretary-Treasurer Board of Agriculture, ag2-ocd Winnipeg. CHICAGO, MILWAUKEE AND ST. PAUL RAILWAY. Is the Fast Short line from St. Paul and Minneapolis via La Crosse and Milwaukee to Chicago and all points in the Eastern States and Canada. It is the only line under one management between St. Paul and Chicago, and is the finest equipped railway in the Northwest. It is the only line running Sleeping Cars with Luxurious Smoking room and the finest Dining Cars in the world, via the "River Bank Route" along the shores of Lake Pepin and the beautiful Mississippi River to Milwaukee and Chicago. Its trains connect with those of the Northern Lines in the Grand Union Depot at St. Paul. No change of cars of any class between St. Paul and Chicago. For through tickets, time tables and full information apply to any coupon ticket agent in the Northwest. H. Miller, General Manager; J. F. Tucker, Assistant General Manager; A. V. H. Carpenter, General Passenger Agent; Geo. H. Headford, Assistant General Passenger Agent, Milwaukee, Wis.; W. H. Dixon, Assistant General Passenger Agent, St. Paul Minn.; CHAS. N. BELL, Commercial Agent, Winnipeg. Gold Watch Free. The publishers of the Capital City Home Journal, the well-known Illustrated Literary and Family Magazine, who also sell the most complete and up-to-date Bibles, have decided to give away a Gold Watch to the first person who will send them a full and complete list of names of all the people in their neighborhood who are subscribers to the Home Journal. The watch will be sent to the first person who sends in a list of names of all the subscribers to the Home Journal in their neighborhood. The watch will be sent to the first person who sends in a list of names of all the subscribers to the Home Journal in their neighborhood.