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HORDES OF RATS REACH MANITOBA

Government Conducts Tests Hoping for Their Extermination.

The brown rat has reached Manitoba. According to the statistics of the department of agriculture of the province there is an area ninety miles long abutting the United States on its northern frontier and sixty miles wide in which the rats have made their appearance.

Mr. Golden, the deputy minister, estimates that the damage done this year by the brown rat is \$1,000,000, year by year, and it will proportionately increase unless the people generally awaken to the seriousness of the situation.

According to the deputy minister, the rats in the province move in a radius of fifteen miles each year, and he has compiled many valuable statistics relating to the rat. Two years ago the department conducted a series of investigations and produced reports. Reports indicate that thousands of rats were destroyed by its use but that public interest lagged after a while, and no systematic method now seems to be followed by the farmers.

Mr. Golden conducted some interesting experiments at Gretna, a town a few miles from the frontier of the United States, last year to determine the amount of food the rat would consume a day and at the same time to test the virus. Two rats were caught and one of them received an injection of the virus. Within two days it died, and the other rat, not having been provided with food, proceeded to devour its dead comrade. Within 24 hours it had consumed all of the dead rat with the exception of half an inch of the tail, and it succumbed within a few hours to the poison which had been injected into the other rat.

Among other interesting experiments, Mr. Golden found that the rats, while at present confining themselves to the cities and towns, made frequent visits into the fields and destroyed quantities of grain. Along the southern border of Manitoba corn is raised to a certain extent and this spring a farmer found sixteen rats in a shock of corn, which demonstrated that this colony had lived in this particular place throughout the long cold winter and had fed upon the grain and stalks of the corn.

HOURS OF PUBLIC HOUSES CURTAILED

Liverpool Justices Saw Results of Regulation During the Strike.

By 49 votes to 24 the Liverpool city justices adopted the series of comprehensive recommendations made by the licensing committee in favor of curtailing the hours during which licensed establishments may be kept open. The recommendations, as it has been explained, are the outcome of experience gained during the strike in August and inquiries made afterwards. Licensed premises in the city during the strike were closed at two o'clock each afternoon for ten days, and arrests for drunkenness greatly decreased. The licensing committee recommended that 8:30 a.m. should be the opening hour. That no woman or person under 16 should be served either for on or off consumption before 12 noon; that the closing hour should be altered from 11 to 12 with permission to the licensing authority to make orders with regard to special premises and in given localities for closing either earlier or later than 10 o'clock; that Sunday opening hours should be limited to three, between noon and 10, one of these hours to be between 12 noon and 1 p.m.; that clubs should be placed on the same footing as licensed premises as to hours with special exemptions; and that the basis for the license duty should be the quantity of intoxicating liquor sold.

MUSICAL MOUNTAINS.

In certain parts of the world there are mountains and hills which are said by the natives to sing. In the Pyrenees certain cliffs emit plaintive sounds resembling the strains of a harp. Two other cliffs in the same chain are called the "singers." When the wind is in the southwest they send forth a peculiar sound, not altogether musical. The faces of these cliffs are marked by deep gullies, when in front, which may be compared to the pipes of an organ. At certain times a strain of air held between the cliffs and bounding gullies, closes the openings while the wind blows freely between through the gullies, or organ

French Drip Coffee Pot FREE

So You Can Make Coffee As It Should Be Made

There are two reasons why many people do not drink Coffee every day. The first, is because ordinary Coffee gives them Indigestion and Headaches.

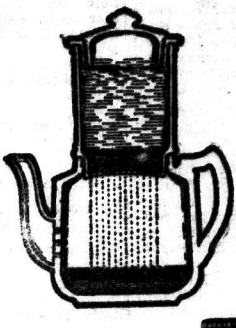
The second, is because ordinary Coffee, made in the ordinary way by boiling, is too expensive and too troublesome to make.

We are going to tell you about the Coffee that is wholesome and healthful—that you can drink for every meal and—that is the most delicious Coffee you ever tasted. We will also tell you how to make this Coffee.

The first trouble with ordinary Coffee had been a singular neglect in the roasting process.

The Coffee bean—like nuts and grains—is lined with a tough coat containing tannin and other bitter substances.

Ordinary Coffee is roasted and ground with this coat



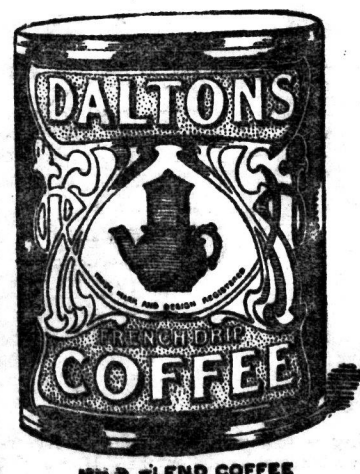
in, so that the bitter tannin comes to you in the ground Coffee and boiling only makes it worse.

Now, Dalton's French Drip Coffee is specially roasted and ground by a new and improved process. By throwing the Coffee through an intensely hot flame, we roast it so quickly that the essential oils—so vital to flavor and aroma—are retained. After this special roasting, comes a special cooling. A strong suction air-blast removes all chaff and dust. Then comes the grinding, in which another powerful suction air-blast removes every particle of the bitter, indigestible lining. Dalton's French Drip Coffee makes a beverage that is a joy to the palate, and a delight to anyone who wishes delicious, fragrant Coffee. It is wholesome and healthful and may be enjoyed at every meal, day after day, with the utmost satisfaction.

Dalton's French Drip Coffee

Few people know how to make good Coffee. Boiling drives off the flavor and destroys the delicate, aromatic oils. Boiled Coffee is also expensive, because it requires an unnecessarily large amount of ground Coffee to make a cup that has any taste at all

There is a method, however, by which anyone and everyone can make splendid Coffee, and make it right every time. This is the French Drip, or Percolator, method. In the past, percolators have been expensive and apt to get out of order. Now however we have secured the sole rights for a French Drip Coffee Pot that is durable, easily cleaned, perfectly simple and not expensive—because we know that people would drink Coffee in preference to anything else if we could give them wholesome, delicious Coffee and show them how to make it.



We have the Coffee and now we have the Coffee pot which we want to give you absolutely free so you can try Dalton's French Drip Coffee as it should be made. Read our Special Introductory Offer.

We make Dalton's French Drip Coffee in two Blends—Mild and Strong.



This is the Coffee Pot we give Free with 2 tins of Coffee at 50c. per tin.

The MILD Blend is a delicious Coffee—the STRONG Blend has the full, rich flavor especially suited for after-dinner Coffee.

You really can't tell which one you will prefer for regular use until you try both. This is why we make it a condition that you get a tin of each.

Dalton's French Drip Coffee is not expensive. Two pounds of this specially roasted and ground Coffee used in Dalton's French Drip Coffee Pot will make as many cups as THREE pounds of ordinary Coffee.

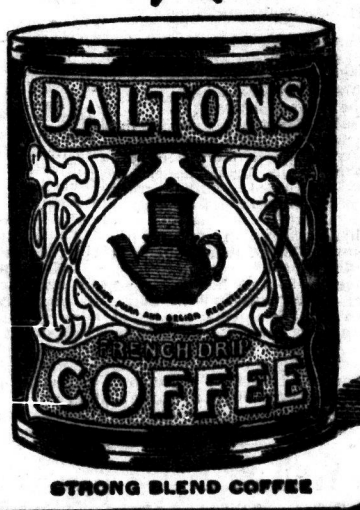
SPECIAL INTRODUCTORY OFFER

We feel so sure that you will find either Dalton's Mild Blend or Strong Blend French Drip Coffee just the Coffee which you have been looking for, that we have authorized your Grocer to give you one of these handsome pots (worth \$1.30) absolutely Free

with your first purchase of a 50c. tin each of Mild and Strong Blend. You buy two tins of our Coffee—one of each blend to give it a fair trial and we give you the means of testing it FREE, satisfied that you will use nothing but Dalton's French Drip Coffee thereafter.

DALTON BROS., TORONTO.

Sold in 25c. & 50c. tins. If by any chance your grocer is unable to fill your order, write us mentioning his name and we will see that you are supplied promptly.



If Your Grocer Will Not Supply You, Inclose \$1.00 and We Will Send Carriage Collect

pipes, behind: hence the music that is heard.

At the confluence of the Orinoco and Rio Meta Rivers, are granite cliffs which sing at sunrise. Humboldt refers to the phenomenon as the musical stones of the Orinoco. The music is caused by the rush of the expanding air through fissures partly closed by mica.

Many more examples might be cited

to show that nature makes use of the creation of musical sounds. Nor are the musical sounds of nature confined to rocks, mountains and hills, for in Hawaii is a sand bank 50 feet high, which, when the hand is moved about the loose sand, produces a sound like that of a melodeon. It is said that if the observer slides down the bank on his back, dragging both hands in the sand, the sound becomes as loud as faint thunder.

ONE CAUSE FOR BROKEN RAILS.

Recently a passenger train between Chicago and Indianapolis was wrecked, although fortunately no one was injured. Examination immediately after the wreck showed that a rail over which the train had passed was broken into five pieces. The railroad employees did not fail to take advantage of this opportunity to call attention to the apparently inferior quality of the rail and to convey the impression that the steel maker was ultimately responsible for the accident.

However, there were some other very significant circumstances connected with this wreck which the railroad people did not dwell upon. An examination immediately after the accident showed that several of the ties under the broken rail were rotted to a depth of at least 1 1/2 inches, and were so soft that an ordinary pocket knife could be stuck into the wood the full length of its blade with scarcely any effort. Some of the spikes in the ties were so loose they could be pulled out with the fingers. Several of the ties had been broken off short by the accident. One of these showed a core of sound wood of not over 10 square inches in cross section, equal to about a quarter of a total sectional area of the tie.

It is very evident that the real cause of the wreck was not due to any failure of the rail, but to the fact that the rail had practically no support and was, therefore, subject to enormous stresses for which it had never been designed. Broken rails have been rather frequent lately and the rail makers have been the target for a great deal of criticism. It is not unlikely that a

careful investigation of all the recent wrecks attributed to broken rails would indicate that in several cases it was the ties and roadbed which were at fault.

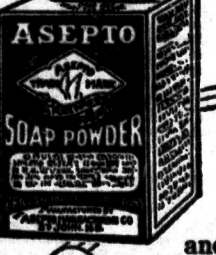
—Iron Trade Review.

There is little danger from a cold or from an attack of the grip except when followed by pneumonia, and this never happens when Chamberlain's Cough Remedy is used. This remedy has won its great reputation and extensive sale by its remarkable cures of colds and grip and can be relied upon with implicit confidence. For sale by all dealers.

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Literally the one perfect cleanser—since it is the only soap powder that both cleanses and sterilizes—makes all it washes free from germs—gets things clean and sweet and pure with least work and at least cost. Do make up your mind to try

The Soap Powder that Purifies

Won't roughen the skin nor harm the finest fabric. Use it instead of soap.

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CURIOSITIES OF A CHINESE CENSUS

Some curious Chinese customs and conditions are touched upon in a report issued recently on the Chinese census taken in Wei-Hai-Wai in March last.

Among the difficulties encountered by the enumerators was the Chinese method of reckoning age. A Chinese child, at birth, is said to be one year old, and after it has passed one new year, is said to be two years old. Thus, a child, if born in the last month of the year, may be said to be two years of age before it is thirty days old, according to European reckoning; so, further, a child of eighteen months' actual time of life since birth is reckoned by the Chinese to be either two or three years old, according as it has passed one or two new years.

On the whole, however, the census

officer thinks the returns are very accurate, because the Chinese divide the years into cycles of twelve, each one of the twelve years being represented by the name of one of twelve different animals, and all people born in one year say that they belong to the class of the corresponding animal. Thus the Chinese year corresponding to 1876 was a year of the rat, and all born in that year belong to the class Rat; so also do all people born in the year removed from 1876 by any multiple of 12, e. g., 1888, 1900.

The twelve different animals are rat, ox, tiger, hare, dragon, snake, horse, sheep, monkey, fowl, dog, and pig. Everyone knows his corresponding animal class, for the information is necessary for arranging betrothals, fortune-telling or choosing lucky days.

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