MINING IRON ORE IN CANADA

IMPORTANT INDUSTRY OF THE FUTURE.

Development of Dominion's Deposits Will Mean Cheaper Agricultural Implements.

One of the most potential and least developed industries of Canada is the mining of iron ore, and instead of use being made of the vast deposits of the ore which underlie the part of the continent Canada occupies, the Dominion is importing about 96 per cent. of the iron ore used in Canadian blast furnaces or over two million tons a year.

Deposits of iron ore, according to official data, are widely distributed over Canada and in the main unexploited, only the conveniently situated and comparatively cheap mined ores of Newfoundland and the south shore of Lake Superior being developed to any large extent.

The Maritime Provinces and Quebec.

In the province of Nova Scotia, the principal iron ore deposits are those at Clementsport, Nictaux, and Torbrook in Annapolis county; Brookfield and Londonderry in Colchester county; and the Pictou iron range in Pictou county. Some of the ore in this province is mined and blasting done at Sydney and North Sydney, where plants have been erected by the Dominion Iron and Steel Company and the Nova Scotia Steel and Coal Company.

Iron ores are found in New Brunswick in Carleton county, near Woodstock. Other occurrences of iron have been noted at West Beach and Black River on the Bay of Fundy, near St. John, and also in Charlotte county near Lepreau. The most important deposits, however, yet found in this province, are those of the township of Bathurst, county of Gloucester.

Along the north shores of the St. Lawrence river in Quebec, beds of magnetite have been discovered at many points, and thousands of tons have been shipped from here for their titanium content. Deposits of ilmenite or titaniferous ore also occur north of Montreal, at St. Jerome, St. Lin, Ivry and other points. Limonite or bog iron ores have been mined for nearly 200 years in the St. Francis river district. Magnetite ores have also been found in the townships of Grenville, Templeton, Hull and Bristol, Leeds, Inverness, South Ham and Ascot.

Eastern Ontario.

In eastern Ontario chiefly in the counties of Hastings, Frontenac and Renfrew, numerous deposits of the ore are found. The four northern districts of Sudbury, Algoma, Thunder Bay and Rainy River are rich in iron possessions. Any one district contains enough low grade ore to warrant profitable commercial development. At Moose Mountain in the district of Sudbury, 100,000,000 tons of ore have been proven by diamond drilling. The Helen Mine in the Michipicoten range is the largest iron ore producer in Canada, the output approaching 1,000 tons per day. The deposit is some 1,400 feet long with an average width of 400 feet. Other known rich deposits are in the Atik-okan range, the Lake Nipigon nature, and ranges in Nipissing and Timagami.

The Prairie Provinces and B.C.

The prairie provinces of Manitoba, Saskatchewan and Alberta have as yet furnished no production of iron, but there are in these provinces a number of known occurrences of hematite, limonite and clay ironstone.

In the province of British Columbia, some iron ore has been mined on Texada Island, but here too the iron industry can hardly be said to have got a footing. A number of occurrences of ore have been noted on Vancouver Island, mainly at Head Bay, Klaanch River, Quinsam River and Gordon River. In the interior of the province occurrances of iron have been noted at Kamloops, Kitchener, Bull Run, Burmis, and elsewhere.

The development of Canada's iron deposits means a good deal to Canadian national and industrial development. It implies the continuous flow of freight traffic, the erection of blast furnaces, and steel plants, by-products plants, alloy furnaces rail mills and all subsidiary forms of iron works usually found where such plants exist. More and cheaper agricultural implements would be the result, a general benefit to the Dominion.

Solution of Salt and Gum Replaces Lost Blood.

The successful use of an artificial fluid as a substitute for the blood lost by wounds, or removed from the circulatory system by disorders of the blood vessels, has just come to light as a surgical triumph of the war. It has long been known that a simple salt solution is capable of taking the place of blood in the circulation for a time, but it is soon lost by transfusion through the walls of the veins. This is prevented in the new solution by the presence of a gum, which gives the fluid sufficient body to retain it in the veins for some time.

Canada, measuring nearly 4,000,000 square miles, is the largest British possession; the smallest is Gibraltar, less than 2 miles square.

THE MAN WHO WINS

Is Always Full of Life and Energy—Failures Are Weak and Bloodless.

Some men seem to have all the luck. If there are any good things going these men seem to get them. They make other people do their will—they are leaders. If they are business men they are successful; if they are workmen they get the foreman's job. They have the power of influencing people.

The same thing is true of women. Some have the charm that makes men seek them out; others are always neglected. But this is not luck. It is due to a personal gift—vitality. Men and women of this sort are never weak, puny invalids. They may not be big, but they are full of life and energy. The whole thing is a matter of good blood, good nerves and good health. Everyone would wish to be like this and the qualities that make for vitality and energy are purely a matter of health. By building up the blood and nerves, sleeplessness, want of energy, weakness of the back, stooping shoulders, headaches and the ineffectual sort of presence which really comes from weakness can all be got rid of. Dr. Williams Pink Pills have made many weak, tired men vigorous and healthy, and many pale, dejected girls and women, plump, rosy and attractive by improving their blood and toning up their nerves. If you are weak, ailing, low-spirited or unhealthy, try Dr. Williams Pink Pills and note their speedy, beneficial effect.

You can get these pills through any medicine dealer or by mail at 50 cents a box or six boxes for $2.50 from The Dr. Williams Medicine Co., Brockville, Ont.

A University on Wheels.

Agriculture is the Dominion's premier industry. Back of Canada's progress stands the farmer, and the country's advancement in agriculture is reflected in every phase of the Dominion's activity. The settlement of lands, better farming and every progressive move of agriculture is the concern of every resident in Canada no matter what his profession; the railways, the governments, industries and manufactures, and the consuming public are alike interested. The Federal and Provincial Governments and the railways, with a keen realization of this, have ceaselessly worked for the progress and development of this industry through the establishment of experimental farms, the circulation of literature, and other propaganda matter and many other methods. They have never ceased to advocate better farming, the scientific study of soils, crops and systems, land conservation, and all that tends for greater and healthier production, enrichment of land, and improvement in living and social conditions in rural settlements.

No better system of education and aid to more successful farming has been devised than the "better farming train," or as it has come to be popularly termed, "the University on Wheels," which journeys through the Prairie Provinces of the West under the auspices of the Provincial Departments of Agriculture and Education and the Canadian Pacific Railway. It is in truth a travelling university of agriculture bringing an agricultural course to the farmer's home with its intensive classes and demonstrations of the highest educational value.

The train has two large machinery cars carrying the livestock and feed, and two large flat cars, one fitted up with pens to carry sheep and hogs, and the other for use as a demonstration car. These are fitted up in Winnipeg under the direction of Professor A. M. Shaw, professor in animal husbandry at Manitoba University. Three large coaches are used in displaying field husbandry exhibits and another car for the dairy, mechanical, building, and poultry displays.

Moving picture car films of an entertaining character are shown, as well as those of an educational value. Two coaches are fitted up as lecture cars for men and another for women. A nursery car is provided which contains sandpiles, slides and cribs, in charge of capable nurses, where mothers may leave their children whilst attending lectures.

The train and entire equipment is furnished free by the Canadian Pacific Railway, which has spared no pains to make the better farming train of the greatest possible service and assistance to Canada's agriculturalists.

Nature's Way.

How wise a mother Nature is I learn,
When from the first I see her children leave
Behind what they outgrow. They do not grieve
Each morn that yesterday will not return.
The human march would end did Age but yearn
For baggage left with Youth—the little dolls
That girlhood mothered, and boys' bats and balls;
Play gracefully gives place to Duty's stern
Yet wise behest. Each day we bid good-bye
To something, so I oft have seen men die—
Leave the familiar moorings, push their prow
With no misgivings to the trackless deep,
Life's last leave-taking! Nature taught them how,
For each night-fall prepared for the long sleep.

—Alexander Louis Fraser.

Ask for Minard's and take no other.

An Amusing Contest.

Prepare as many slips of paper as there are contestants and mark them 1A, 2A, 3A, and so forth, and 1B, 2B, 3B, and so forth. Give the papers marked A to the women and those marked B to the men, or, if the men and women are not evenly divided, have the whole party arrange themselves in two lines and give one line the A's and the other the B's. 1A and 1B will be partners, 2A and 2B, 3A and 3B, and so forth. Let the members of each pair sit opposite each other. Each then draws a picture of the other.

When this is done collect the papers and shuffle them. Have all the members of the party now sit in a circle and give each a picture. When anyone guesses who it is, he writes down the number of the paper and the name of the person, as, for example, 2B Mary Smith, and passes the picture to the right, at the same time receiving one from the left until all the pictures have gone around the circle.

The one who guesses correctly the greatest number of pictures may be awarded a prize, as may the one who got the greatest number wrong.

RED HOT JULY DAYS HARD ON THE BABY

July—The month of oppressive heat; red hot days and sweltering nights; is extremely hard on little ones. Diarrhoea, dysentry, colic and cholera infantum carry off thousands of precious little lives every summer. The mother must be constantly on her guard to prevent these troubles or if they come on suddenly to fight them. No other medicine is of such aid to mothers during the hot summer as is Baby's Own Tablets. They regulate the bowels and stomach, and an occasional dose will prevent summer complaint, or if the trouble does come on suddenly will banish it. The Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams Medicine Co., Brockville, Ont.

Grasses of Canadian Prairies Make Mountains of Butter

Alberta's 1920 contribution to the butter market was a fair sized lump weighing ten and one-half million pounds that put $5,512,500 into the butter-makers' pockets. The quality of this butter was unquestionable as attested by the fact that Alberta carried off the first three prizes for block butter at the recent National Dairy Council Exhibition held at Winnipeg. Alberta's butter output increased during the past four years almost 40% in volume and over 123% in value.

There are 55 co-operative creameries in the province—all community owned and operated, and 13 privately owned and operated. In addition to these there are in the larger centres such as Calgary, Edmonton, Lethbridge and Medicine Hat, large centralized creameries or dairies. These operate collection branches or cream buying stations along the railway lines.

Cheese making has become a considerable industry too, but does not keep pace in growth with the butter industry, as farmers generally prefer to sell their cream and feed the milk by-product to growing stock. Eleven cheese factories are in operation in the province and turned out in 1920 a half million pounds valued at $140,000.

Dairying is fast becoming one of the big industries of the prairie provinces, following close on the heels of grain growing and stock raising. Mixed farming has been strongly advocated to Canadian farmers and they have seen its advantages. To-day it is generally practised. If a crop fails, disaster is not the result, there is always plenty of grazing and fodder to insure the weekly cream check for the man with a dairy herd. The progress of the dairying industry has been very much helped by the increased cultivation in irrigated territories. Alfalfa is the greatest fodder yet discovered for dairy cattle, and is bringing wonderful prosperity to districts such as Coaldale and Brooks.

This is to certify that fourteen years ago I got the cords of my left wrist nearly severed, and was for about nine months that I had no use of my hand, and tried other Liniments, also doctors, and was receiving no benefit. By a persuasion from a friend I got MINARD'S LINIMENT and used one bottle, which completely relieved me, and have been using MINARD'S LINIMENT in my family ever since and find it the same as when I first used it, and would never be without it.

ISAAC E. MANN,
Aug. 31st, 1908. Metapedia, P.Q.

By a Salmon River.

From the back you can see nothing
but swift water
Mottled with shadows and circling
golden lights.
But climb into a tree and then look
down—
You will see them etched in grey
against the bottom,
Grand, tapering, silver salmon in delicate poise,
Headed up-stream to taste the sweetest springs.

The Original One.

Teacher was enrolling a new scholar.

"What is your last name?" she asked.

"Augustus, miss!" replied the pupil.

"What is your other name?"

"Jones," said the lad.

"Then Jones is your last name, of course," said the teacher, looking at the boy with considerable severity.

"No miss," replied the boy respectfully. "My name was Jones when I was born, but mother says they didn't call me Augustus for three months."

New Designs for Misses

9549 9580

9549—Misses' Dress (suitable for small women; four-piece skirt, front and back panels plain or pleated; in two lengths). **Price, 30 cents.** In 3 sizes, 16 to 20 years. Size 16 requires 3¾ yds. 40 ins. wide, or 2⅞ yds. 54 ins. wide; vest ⅜ yd. 18 ins. wide. Width, 1⅞ yds.

9580—Misses' Dress (suitable for small women; two styles of sleeve; overwaist closing on shoulder). **Price, 30 cents.** In 3 sizes, 16 to 20 years. Size 16 requires 3 yds. 40 ins. wide. Width, 1½ yds.

McCall Transfer Design No. 1044. Price, 25 cents.

These patterns may be obtained from your local McCall dealer, or from the McCall Co., 70 Bond St., Toronto, Dept. W.

Good Judgment
leads thousands of housewives to serve
Grape-Nuts
in place of foods that require hours of drudgery in a hot kitchen. *Needs No Sugar*
Comes ready to eat from the package.
"There's a Reason" for Grape-Nuts

Rheumatism
Now is the time to get rid of it!
Nature is pulling for you—
The warm weather's here—
This is your chance—
grasp it—take
Templeton's Rheumatic Capsules
Get it out of your system the easiest way!
Sold by reliable druggists for a dollar. Ask our agent or write us for a free sample. Templeton's, 142 King St. W., Toronto. 88

Unimpeachable Integrity Required.

I have read many stories about distrustful characters, a contributor writes, but I personally knew the old man who is the hero of the following tale. He lived alone and, although very well-to-do, never spent a cent without ample reason. Nor was extreme penuriousness his only failing. He was uncharitable as well; he firmly believed that the average human being wanted only the opportunity "to put over some kind of graft," as he expressed it.

One day Uncle Harmon, as he was called, hailed a young man, whom he considered trustworthy, and, handing him a letter, said:

"Glad I seen you, Jud. Ain't been able to get downtown lately on account of the deep snow, and I didn't have a stamp. Here's the two cents. Been holding it a couple of days. Kinda figured you'd be passing by here soon. I didn't dare trust it to any of those people around here, fer I knew they'd just chuck my letter some place and blow the two cents."

MONEY ORDERS.

When ordering goods by mail send a Dominion Express Money Order.

Very Sarcastic.

A witty Irishman was invited to a dinner party in Dublin in the hope that he would amuse and divert his host's guests. But from the beginning to the end of the dinner he preserved a solemn and serious face. The host thought this very strange.

"Why, old fellow," he remarked, "I don't believe the biggest fool in Ireland could make you laugh to-night."

"Try," was the wit's cutting rejoinder.

DON'T LOOK OLD FROM HERE UP
A little "Danderine" checks ugly dandruff and stops hair falling

Get a small bottle of "Danderine" at any drug store for a few cents, pour a little into your hand and rub well into the scalp with the finger tips. By morning most, if not all, of this awful scurf will have disappeared. Two or three applications often remove every bit of dandruff and stop falling hair. Every hair on scalp shortly shows more life, vigor, brightness, thickness and color.

SINCE 1870
SHILOH
30 DROPS STOPS COUGHS

BITS OF HUMOR FROM HERE & THERE

A Regular Stunt.

Ferguson—"I've just been reading that the aviators to-day can do anything a bird can do. Yes, sir, they've got the thing down so fine that there isn't a bird alive that has anything on them."

Fitzgerald—"Zatso? Well, when you see an aviator fast asleep hanging on to a branch of a tree with one foot, then I'll come and take a look."

Which Explained It.

The vicar was addressing the children at the village school.

Thi. morning, children, I propose to offer you an epitome of the life of St. Paul. Now, children, can anyone tell me what an epitome is?"

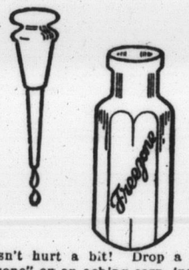
There was an awful silence. The word had paralyzed the youngsters, so the good man went on:

"Epitome, children, is, in its signification synonymous with synopsis!"

Minard's Liniment for sale everywhere

SAY "DIAMOND DYES"
Don't streak or ruin your material in a poor dye. Insist on "Diamond Dyes." Easy directions in package.

"CORNS"
Lift Right Off Without Pain



Doesn't hurt a bit! Drop a little "Freezone" on an aching corn, instantly that corn stops hurting, then shortly you lift it right off with fingers. Truly!

Your druggist sells a tiny bottle of "Freezone" for a few cents, sufficient to remove every hard corn, soft corn, or corn between the toes, and the calluses, without soreness or irritation.

America's Pioneer Dog Remedies
Book on
DOG DISEASES
and How to Feed
Mailed Free to any Address by the Author.
H. Clay Glover Co., Inc.
118 West 31st Street
New York, U.S.A.

Classified Advertisements.

FOR SALE

NUKOL SHARES WORTH TWO dollars, at sixty-five cents. Herman Lippert, Kitchener.

WANTED—SHORT STORIES.

FROM ONE TO FIVE THOUSAND words. Get real money if your stories are snappy. Write Short Story Market, 6 Columbine Ave., Toronto.

FEMALE HELP WANTED

THE NIAGARA FALLS MEMORIAL Hospital offers to young women 18 to 35 years of age, having one year's High School education, and who are desirous of becoming nurses, a thorough three-year course in nursing; the hospital has eight hour duty; candidates qualifying will be accepted for entrance September first. For further particulars, address "Superintendent," Memorial Hospital, Niagara Falls, N.Y.

The word "aristocracy" originally meant the rule of the best men.

MOTHER!
"California Syrup of Figs" Child's Best Laxative

Accept "California" Syrup of Figs only—look for the name California on the package, then you are sure your child is having the best and most harmless physic for the little stomach, liver and bowels. Children love its fruity taste. Full directions on each bottle. You must say "California."

FRIGHTFUL SIGHT WITH PIMPLES
On Face. Large, Red, Inflamed. Lost Sleep. Cuticura Heals.

"Pimples began to appear on my face. They were scattered all over it, and they became large and red. I could not help scratching them, and I was a frightful sight. I was ashamed to go among people. At night my face was so inflamed that I scratched and loss of sleep resulted.

"I used Cuticura Soap and Ointment, and after using four cakes of Cuticura Soap and two boxes of Ointment I was healed." (Signed) Isaac Denyeniste, 705 3d Ave., Seattle, Wash., Jan. 23, 1919.

Prevent further trouble by using Cuticura for all toilet purposes.

Soap 25c. Ointment 25 and 50c. Sold throughout the Dominion. Canadian Depot: Lymans, Limited, St. Paul St., Montreal.
Cuticura Soap shaves without mug.

ONLY TABLETS MARKED "BAYER" ARE ASPIRIN
Not Aspirin at All without the "Bayer Cross"

For Colds, Pain, Headache, Neuralgia, Toothache, Earache, and for Rheumatism, Lumbago, Sciatica, Neuritis, take Aspirin marked with the name "Bayer" or you are not taking Aspirin at all.

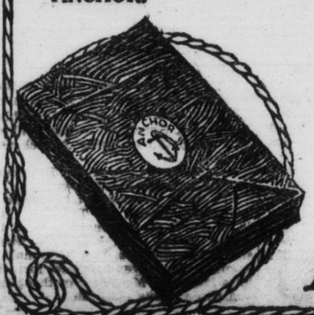
Accept only "Bayer Tablets of Aspirin" in an unbroken "Bayer" package which contains complete directions. Then you are getting real Aspirin—the genuine Aspirin prescribed by physicians for over nineteen years. Now made in Canada.

Handy tin boxes containing 12 tablets cost but a few cents. Druggists also sell larger "Bayer" packages.

There is only one Aspirin—"Bayer"—You must say "Bayer"

Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monoaceticacidester of Salicylicacid. While it is well known that Aspirin means Bayer manufacture, to assist the public against imitations, the Tablets of Bayer Company will be stamped with their general trade mark, the "Bayer Cross."

ANCHOR PLUG represents the summit of achievement in expert tobacco manufacturing.
No other chewing tobacco possesses the "quality" of leaf, and flavor, found in ANCHOR.



ANCHOR PLUG TOBACCO
15¢ a Plug
2 for 25¢
It Holds it's Flavor