Phenominal Strides Made By Canadian Northern Railway System In First Year As Transcontinental

New System in the Past Year Carried Approximately 131,000,000 Bushels of Wheat, an Increase of 125 Per Cent. Over Previous Year. Company's New Mileage on Pacific Coast and Northern Ontario Makes Astonishing Showing Right from Commencement of Operation. Company's Lines Most Favorably Located.

(From Our Own Corespondent)

Toronto, Feb. 12.—The phenomenal gams that the Canadian Northern Railway reports for its year as a transcentinental line makes the statement one of the most important that has ever been issued by any injury to Canada. ed by any railway in Canada. It is esten doubtful whether the tremendous feareasas in business handled have even been duplicated by any system in the world. There are many features to the report that makes it of special imto every Canadian, owing to the interest the country has in the building up of this important transcontinental line and the attractive territory that has been and the attractive territory that has been developed through the completion of the system. The feature of the report that is tikely to be exceedily gratifying is that which shows the prominent part the Canadian Northern, with its transcontin-cental system, has been able to play in handling such a large proportion of the grain requirements of the Mother Coun-

Right along it has been the contention abes that it was only a matter of a very short period before Canada and the E pire would enjoy the benefits of the big system that had been built up across the Dominion, and the showing made in the report indicates that these hopes have been realized much earlier than it have been realized much carlier than it would have been thought possible when the transcontinental system was set in operation a little ever a year age.

IMPORTANT GAINS OF YEAR. A few of the outstanding features of report are as follows: An increase breight traffic during the year of \$8,in freight traffic during the year of \$8.—
\$52,412, equivalent to as much as 45.57;
per cent.; increase in passenger traffic,
\$717,246, or a sain of 13.25 per cent.; an
increase in total operating revenue of
\$2,564,168, or 36.91 per cent. over
the previous year. That the overamany's tines handled over 121,000,000 bushels of grain is proof positive that the
visitivary has been located in the best
grain growing areas of the West.

The exact grain traffic handled amounts.

The exact grain traffic handled amounted to 131,978,869 bushels as compared with 575,529 bushels in 1915, or an increase of 73,403.259, equivalent to an increase of as

COMPANY'S EARNING POWER.

come within hailing distance of earn ing its total fixed charges, the deficit ing its total fixed charges, the deficit for the year being brought down to less than a quarter of a million dellars, a reduction from the previous year of al-most \$1,400,668. As was to be expected, a great proportion of the increased revenues come from the large crop gathered is the Canadian West in the full of 1915, but since that time there has been a marked increase in the general freight traffic handled over the lines, and dur-ing the first four months of the eurrent fiscal year gross earnings have continued to show large increases ever continued to show large increases ever the corresponding periods of the year now under review. Perhaps the most striking development in this connection is that it is in the month of October that the heaviest grain movement occurs and yet in October, 1916, the gross earnings showed a gain over those of the same nuonth in the previous year.

Some of the interesting features of the Board of Directors' report as indicating

the position of the line and the progress it has made include the following:

An agreement of great importance in the development of the System's freight

and passenger traffic and made with the Cunard Steamship Ce. In future the Cunard Line and the Canadian Northern Railway will be in fact, a single trans-portation unit between Europe and Canaca.

The possession of such favorable grades

as those on the System's lines has given the Canadian Northern an already im-portant advantage in the economy of operation, particularly in carrying two commodities offering in largest volume, viz.: lumber and grain.

The main line of the Canadian North ern Raffway from Quebec to Vancouver is superior to any line crossing the continent of America in points of grade

continent of America in points of grade and curvatures favoring traffic.

The lines of the Company's system are now serving To per cent, of the aggre-gate population of the cities and towns or all Canada, having 5,600 inhabitants and over.

present situation emphasizes the fact that the Railway is not as de-perdent upon grain crop movement as in the past, and in becoming transcon-tinental has acquired a highly diversified traffic. The developments of the year confirm the Directors in the belief that The development that is sure to be most favorably received by everybody who is rollowing the growth of the larger canadian railways will come from the fact the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the prosperity of the Deminier of Canadian Northern Railway System is measurable only by the Prosperity of the Deminier of Canadian Northern Railway System is measurable only by the Prosperity of the Deminier of Canadian Northern Railway System is measurable only by the Prosperity of the Deminier of Canadian Railway System is measurable only by the Prosperity of the Deminier of Canadian Railway System is measurable only by the Prosperity of the Deminier of Canadian Railway System is measurable only by the Prosperity of the Deminier of Canadian Railway System is measurable on the Prosperity of the Deminier of Canadian Railway System is m

SPIDER FCTORY HANDS.

Spinning Delicate Threads for Use in Telescopes.

Spiders are probably the most indis-Spiders are probably the most indis-pensible workmen in one of the larg-est English surveying instrument fac-tories, it is their duty to spin the deli-cate thread which is used for the cross-cate thread which is used for the crossthe surveyor's telescone.

Spider web is the only suitable ma-

terial yet discovered for the cross terial yet discovered for the cross hairs of surveying instruments. Almost invisible as this fiber is to the naked eye, it is brought up in the powerful lensus of the telescope to the size of a man's humb, so that all defects, if there happened to be any, would be magnified to such a degree that the way would be uspless.

that the web would be useless. riuman hair has been tried, but when magnitied it has the apparent dimensions of a rough hewn lamp post. Moreover, human hair is transparent, and cro

so hairs must be opaque. The spiders produce during a two



Department of Naval Service, OTTAWA.

onths' spinning season thousands of yards of web, which is wound upon metal frames and stored away until

needed.

A spider "at work" dangles in the air by its invisible thread, the upper end being attached to a metal wire frame whirled in the hands of a girl. The girl first places the spider on her hand until the protruding end of the thread has become attached. When the spider attempts to leap to the ground this end is quickly attached to the centre of the whirling frame, and as the spider pays out thread this line is wrapped around the frame. line is wrapped around the frame. Several hundred feet of thread can be removed from a spider at one time.

The spiders are kept in a large room under the supervision of three girls and a forewoman. When not spinning the little workmen are placed in a large wooden eage. Flies are the chief article of diet.

During the winter months the spider

colony usually dies, so that an entirely new corps of workmen must be recruited. Not every spider will do—only large, fat fellows that spin a tough round thread are suitable.

Singularly enough, the girls whe have charge of the spiders in this Fng-lish feature are related.

lish factory are not in the least afraid of them or their bites. On the comtrary, they regard them as pets, are able to tell them apart and to call them by nicknames which humorously describe their appearance or their peculiar habits of work.

Ever Feel "Dory" After Meals ?

At times we all feel dull and heavy. Just one thing to do, relax the bow-els and cleanse the system with Dr. Hamilton's Pills. Unclean matter is flushed out, the liver is toned, blood is purified, and at once you feel better. Good health and jovial spirits are quickly found in this celebrated medi-cine. Enormous benefits follow the use of Dr. Hamilton's Pills in every case; they are very mild, very prempt and guaranteed by the makers. Insist on getting Dr. Hamilton's Pills, 25e per box everywhere.

Adam's Apple.

O! Marse Adam! Ol Marse Adam! Lt de lady s apple up an' give her all de piame edy gut, greedy gut, whar is ye

Ol' Marse Adam! Ol' Marse Adam! Caught de apple in 'is neck an' made it mighty so'e,

so we po' gran chillen has to swaller roun' do co'e; Marse Adam, man, whar is ye'

Ol' Marse Adam! Ol' Marse Adam! Praised de lady's attitudes an' com pliment 'er figur—

Didn't have de principle of any decent nigger; O! Marse Adam, man, whar is yo

Ol' Marse Adam! Ol' Marse Adam! Et de lady's apple up an' give her all de blame; Greedy gut, greedy gut, whar is ye

shame? Ol' Marse Adam, man, shame on yo', shame!

-Ruth McEnery Stuat, in Planta-

Minarc's Liniment Cures Dandruff.

Islands in a Sea of Lava.

The valley of the ancient Snake Rjver in Idaho was flooded with great outpourings of black lava, which spread out sheet on sneet buried into old land surface, and partly filled the valley with molten rock, which selidified and has remained to this day and sturbed execution. fied and has remained to this day undisturbed except for the gorges that the streams have cut in it. In some places old mountains project through the petrified lava flood as islands project above the surface of the sea, and old ridges stick out into it as eapes and promoniories.

and promontories. The area covered by the Snake River lava is about 20,000 square miles. So far as is known there is but one lava field in North America of greater extent, the Columbia River lava field. which covers about 200,000 square miles.' In Snake River canyon below Shoshone Falls nearly 700 feet of horizontal sheets of lava are exposed, but whether this is the max mum thick-ness or not cannot be teld.

Corns Applied in 5 Seconds Cur d Sore, billstering feet from corn-pinched toes can be cured by Putnam's Extractor in 24 hours. "Putnam's" soothes away that drawing pain, eases instantly, makes the feet feel good at once. Get a 25c bottle of "Putnam's" to-day.

SCIENTIFIC JOTTINGS.

There are five quarts of blood in the hum in body, half of which may be lost without loss of life. When a woman of the Philippines

marries, the name of her husband is added to her madien name, and in the event of his death she discards A mouse can bore a passage through

an inch board in three hours.

One of the most durable woods is sycamore. A statue made from it, now in the mutseum of Gizeh, at Cairo, is believed to be nearly 6,000 years old. It is entirely sound and natural in ap-

So far as value of heat unit is conso far as value of neat unit is con-cerned, pound for pound, ripe olives contain almost as much food value as bread, and in the case of very large olives the value may be increased to approximately the same as that of

bread.

There are more than 2,500 Red Cross dogs in the war fields doing a marvelous work for the wounded.

Florida and New Mexico are thunder storm centres. The Pacific coast is freest from them.

The amount of standard tungsten are used in the manufacture of these paces.

ore used in the manufacture of incan-descent lamps in the United States in was in the neighborhood of 4%



Never dust electric globes while unlighted. The static electricity generated will break the filaments.

Sound travels through dry air at the sound travels through dry air at the rate of 60 feet per second; through water at 240 feet per second, and in steel wire at 17,130 feet per second. In the near future wireless apparatus will be installed in all important police stations. New York city eats two and a half

million dollars' worth of food daily.

The countr'es which head the list in number of savings bank accounts are Switzerland, Norway, Denmark, Swe Switzerland, Norway, Denmark, Sweden, Japan, Tasmania—countries not of great national wealth; yet the average savings banks deposits per depositor of Switzerland, Denmark and Northead way exceed that of the United States. The fermenting power of brewers

has been increased by five minntes' exposure to ozone.

The baby ceal, being snow white, is invisible on the ice, one of the protective provisions of Nature.

Minard's Liniment Cures Burne, Etc.

Locating Icebergs.

The captain of an ocean steamer in most cases finds out when his vescel is approaching an iceberg from the men down in the engine room. That sounds queer, but it is a fact, neverthelers. It appears that when a steamship enters water considerably colder than that through which it has been going its propeller runs faster. Such water usually sucrounds the vicinage of icebergs for many mass. When the propeller's action therefore When the propeller's action therefore is accelerated without the steam power being increased word is passed up to the officer on the bridge that ice-bergs may be expected, and a close lookout for them is established. There are natural reasons for the propeller peting in this way, and see captains acting in this way, and sea captains will assert the same thing.

I was cured of Acute Bronchitis by MINARD'S LINIMENT.

Bay of Islands. J. M. CAMPBELL. I was cured of Facial Neuralgia by MINARD'S LINIMENT.

Springhill, N.S. WM. DANIELS. I was cured of Chronic Rheumatism by MINARD'S LINIMENT. Ameri Co., N.B. GEO. TINGLEY.

LOWER MEAT BILLS.

Cheaper Cuts Give Excellent Satisfaction When Properly Prepared.

Do you know, Madame, that a 1,600-lb. steer "dresses" only to 800 pounds. And that out of these eight hundred pounds only 200 pounds of meats can be classed as choice cuts?

Do you know that so many people insist upon having the choice cuts always that the butcher has had to keep increasing the price of them to offset the loss which he must sustain from the great curplus of cheaper stuff that often has to be stuff that often has to be thrown away as refuse?

And yet all the cheaper cuts need is proper treatment to make them tender, nutritious and fine flavored. Here are some high-class "cheap dishes" as prepared by M. Lengruas prepared by M. Lepermque, a \$10,000 per year Parisian Chuck Pot Roast.—This dish give good satisfaction if the recipe is followed with care.

Have your butcher cut a chunk of a shoulder and remove the bone. Do not have this too small, as a pot roast should always be of cize. Fry it in head as not have the should always be should alwa beef or pork drippings in a deep earth-ern, iron or granite pan. When brown add to a four-pound pot reast two tablespoons of flour, let it cook three minutes, add three pints of water, two bay leaves a large onion in which are stuck four cloves, a pinch of pepper eorn and three tablespoons of catsus. Let cook gently for one hour and a half, set aside and then skim all fat

which arises. Slice meat and serve with gravy strained.

Sliced Chuck Meat, Minute Saute.

Ask your butcher to give whatever quantity you deem necessary for your wants of lean chuck as near the shortrib part as possible. Slice it across the grain of the tis-sue very thin; have some onion also

ZAM-BUK CURED IN 2 MONTHS

After 2 Years' Useless Treatment.

The healing power of Zam-Buk is so much greater than that of other oint-ments, that it has cured in many cases when all other ointments have failed One such instance is that of Mr. Earle E. Gardiner, of Marquis, Sask., who writes: "For two years I suffered with a bad attack of salt-rhoun on my During those two years I tried feet. During those two years I tried every known remedy, but could find nothing that would cure the disease. Then I heard of Zam-Buk, and commenced using it. After the first few applications I noticed an improvement and this encouraged me to conment, and this encouraged me to con Although I had suffered two years, after only two months' treatment with Zam-Duk I am com-pletely cured."

Zam-Buk is equally good for eczema Zam-Buk is equally good for eczema, ulcers, abscesse:, blood-poisoning, piles, cold seres, chapped hands, chilblains, eruptions, etc. At all drug stores, 50c. box, er from Zam-Buk Ce., Teronte. sliced very thin, some sliced cooked potatoes, chopped parsley, ealt and pepper and proceed as follows:

pepper and preceed as follows:
'n a sha'low skillet have drippings,
very hot, drop in the sliced meat,
try very quickly, add the onions, potatoes, salt pepper and parsley. Drain
well and add a little cider vinegar to
give a tart taste.
Flank A'l'Enfer.—The flank steak

has never been accorded proper recog-nition. Of course, the secret of satis-faction depends on its preparation. The steak must be freed from all sinews and fat and sliced cross ways

half an inch thick. Sprinkle a half an inch thick, Sprinkle with salt and pepper, baste with a little olive oil and set to boll over a very hot fire tunnies only in the salt of th olive oil and set to boil over a very hot fire, turning only once and keep-ing it very rare. Serve hot with some fresh butter, a little chopped parsley and a tiny bit of lemon juice.

merit which you are desirous of disposing of-such as Antique Furniture, Old Plate, Brassware, Prints, Engravings, Old Arms, Armour, Curios, etc.? If so, you will find it of interest to you to consult

62 KING ST. E., HAMILTON, ONT.

THE HOUSE FOR GIFTS. Importers and Dealers in China,

Glass, Fancy Goods and Antiques

A Mysterious Boy.

The inquest was on the body of an Italian. The only witness was a small boy of the same nationality, who spoke no English. The coroner asked him:

"Where do you live my boy?" "Where do you live my so The boy shook his head. "Do you speak kinglish?" Another shake of the head. "Do you speak French?" "Do you speak German?"

Still no answer "How old are you?"
No reply. "Do you speak Italian?"

The boy gave no sign. weil, gentiemen," said the coroner "Weil, gentlemen," said the coroner to the jury. "I have questioned the witness in four languages, as you have seen for yourselves, but with no result. It is therefore useless to proceed. The court is adjourned."—Winnipeg Telegram.

The Barrel Effect.

It's new. It's ugiy. It's Paquin's. It began with muffs.
It has ended with clocks.

Dresses and skirts feel this influ-Cuce. moderation it is really a barm-

In excess it makes the wearer alle gether absurd. Minard's Liniment for sale

Everywhere.

Boiling.

There's much wable. And fuel costs money.
First bring water to bolling point. Then the heat may be very much ye

It takes little fire to keep a pot bost And water boiling violently is me hotter than boiling slowly.

In a double boiler a little salt will give more heat with no more fire.
In cooking meat thus, put the meat into wildly-boiling water; them led it down to a simmer

AN EXCELLENT MEDICI"E FOR LITTLE ONES

Baby's Own Tablets are an excel-ient medicine for little ones. They sweeten the etomach; regulate the bowels, break up colds and simple fevers cure constitution and make teething easy. Concerning them Mrs. E. Quinn. Parame, Que., writes:— Baby was troubled with constipation and nothing helped him till I began using laby's Own Tableta. They are an excellent medicine for little ones." The Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

THE LOST DISCORD. Clarence Lucas in the Musical Cour-

was waiting for Dr. Carl To straighten a pedal passage That tied my feet in a snarl.

know not what I was playing, But that did not worry me. Though I struck one snag of music Which was not in any key.

It flooded the crimson twilight With fears of a lingering death, nd floated away into slience Before I recovered my breath.

It seemed the harmonious echo Of filing a dozen saws: It ruptured the golden silence Without an apparent caus

I seek, but I seek it vainly. That one lost chord of pain Which came from inside the organ And drove me quite insane.

It may be that Death's fright-angel
Will speak in those tones again—
Those tones so supremely fitted
To frighten the souls of men.

Those tones burst the pipes and the bellows,
And left not a rivet or nail!
It may be that elsewhere than heaven
I shall hear that grand mixed wall.

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HELP WANTED.

V. ANTED-WOOLLEN SPINNERS ON Dayls and Furber and English Mules. Medium and heavy yarns-mgit work. For full particulars, apply the Slingsby Manufacturing. Co., Ltb., Erantford, Ont.

PATENTS IN ALL COUNTRIES

BABCOCK & SONS Formerly Patent Office Examiner. Estab. 187 99 ST. JAMES ST., MONTREAL Branches: Ottawa and Washington

Blood Drops of Heroes.

When the woods at Allmorie are scar And the vines are like blood on the wai; dream of the faces ,all pallid and cold, Of our great ones who answered the Vines are like blood on the

Can our great ones who answered the can;
Line the bright autumn leaves.
Or the rich, garnered sneaves.
Our truest, our greatest, our ait;
For my neart beast in beigium, or far when the woods of Kilmorie are scarlet and gold.

When the woods at Kilmorie are scarlet and gold,

I see but the beauty of God;—
Not the small ways of men and the mean
Like the bind worm under the clod;—
But the brave and the true,
Who knew but to do,
Like those glorious banners of God.
Acrayea on his hills, or at rest on His
mold,
When the woods at Kilmorie are scarlet
and gold.

When the woods at Kilmoria are scar-let and gold.

There's another dread harvest afar,
Where our greatest, our truest ones,
struggle to hold
Back the modern world's Juggerogut

car:
And my heart only sees.
In the pageant of trees,
That horribe jageant of war.
Where God's men for rightcourses strive
as of old;
When the woods at Kilmorie are scarlet
and gold.

When the woods at Kilmorie are scarlet and gold,
And the vines are like blood on the wall,

And the vines are like blood on the wall.

I hen a er the wilds on the wood and the wold.

A bitter insistent call:—
"This the cry of our slain,
Appealing, in vain,
For help, where the brave souls fall;
And its tracic domand doth the whole world hold,
When the woods at Kilmorie are scarlet and gold.

—Wilfrid Campbell, in The Civiljan,
Ottawa.

Spanking Doesn't Cure!

Don't think children can be cured of bed-wetting by spanking them. The trouble is constitutional, the child can-frit not belp it. I will send to any mother my successful home treatment, with full instructions. If you children trouble you in this way, send no money, but write me to-day. My treatment is highly recommended to adultationally with urine difficulties by day or night. Address

MRS. M. SUMMERS. Box & Windsor, Ontario.

Oysters.

(Recipe for Little Pigs in Blankets.) First drain them.
Then dry each one.

Wrap each in a slice of bacon.
This slice must be very thin.
After wrapping fasten with a wood-

A toothpick will answer the very same purpose.

Just before serving time heat a large

tron Laking pan.
Threw in a few oysters at a time, cooking till they are browned. The gills should also be curled. Take out and drain in a colander. They are picturesque in the eating-The picks each up by the skewer,

Minard's Liniment Relieves Neuralgia.

Things Worth Knowing. The heavy flavor of bananas is improved by slicing and mixing them with currants.

When washing pudding cloths throw some orange peelings into the water; this colects the grease and heips to make the cloths white and clean.

If you wish to iron your clothes im-If you wish to iron your clothes immediately after you sprinkle them, try sampening them with hot water. Roll them tightly for a moment or two, shake them out well and iron with a sot iren.

A teaspoonful of cold water added to the white of an egg causes it to whip more quickly, and increases the quan-

Garment Gossip. Spring fashions alluring.

Blouses sp. lacers for fastenings. Combinations of materials are considered smart. Champangne, tan, biscuit, biege -

are "it".

Belts and sashes galore, and usually a bit high-waisted.

"Come Out of the Kitchen" into the world of brightness and beauty. No need of spending all your time in the hitchen. however attractive it may be, when you know Shreeded Wheat. It is made of the whole wheat and is ready cooked and ready-to-eat. With Shredded Wheat you can prepare a delicious, nourishing meal in a few moments for husband who must hurry off to business, for children who must hustle off to school—a meal that supplies all the nutriment for work or play at a cost of a few cents. For breakfast with milk or cream, or for any meal with fruits. Made in Canada.