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# The Phoenix Pioneer

## AND BOUNDARY MINING JOURNAL

THIRTEENTH YEAR PHOENIX, B. C., SATURDAY, DECEMBER 9, 1911 NUMBER 21



The GROCERY DEPARTMENT
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Please shop early on SATURDAY, we will likely be very busy.

Morrin, Thompson & Co.



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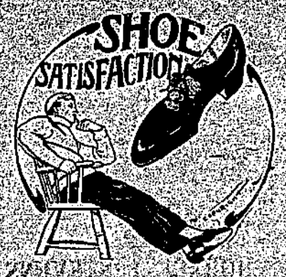


of our new early Fall model walking shoes. If you don't declare them the smartest, nattiest, most comfortable shoes you ever wore we are vastly mistaken.

Fashionable Footwear

can always be seen here first. Step in and see all the newest, prettiest, and most up-to-date footwear. Always a pleasure to show our goods.



Don't Pass by

or "pass-up" an opportunity to buy such stylish fall furnishings as we offer you right now. Our fashionable showing of

Men's Furnishings

should interest every man who wishes to dress well. We have New Shirts, Neckwear, Gloves, and medium-weight Underwear, marked at prices that will please.

N. J. Carson & Co.



THE PHOENIX DAIRY
W. A. McKAY & SONS, Props.

Hello! Did you try a pint of our milk? You did! Well, you will readily admit that it cannot be excelled anywhere for richness, quality and purity. What's your Phone number? F 32. We deliver milk daily.


## ENGEN WILL DEFEND THE SKI-JUMP CHAMPIONSHIP

**Holds the Canadian Long-Jump Record of 113½ feet—Winner of 32 Prizes in Three Years—Formerly of Minnesota Ski Club.**

That favorite winter sport, skiing, which has such a number of devoted adherents in Phoenix, will be found very much to the fore in all the principal winter events that are to take place in this camp and the Boundary. E. Engen, the victorious Phoenix representative at the last Rossland Winter Carnival and winner of the Jeldness cup for the championship of the Dominion, has been busy lately arranging the preliminaries for the formation of this season's club. From all accounts he has been eminently successful in enrolling in its membership a number of practiced ski jumpers. Mr. Engen, who is very enthusiastic at the coming season's prospects, has a record to be envied, having cleared 113½ feet. He is the winner of 32 prizes, all coming his way within the space of three years, besides being the wearer of eight medals attesting his prowess at this famous pastime. The Minnesota Ski Club had him on its roster for some years, which club he represented at all the important winter events throughout the states of Minnesota, Wisconsin and Michigan. Last year at Rossland, among other prizes, he captured the Seagram-Sullivan shield, or at any rate he is entitled to it when it is found, its former captor or those responsible for its safety having confided it to the care of a favorite "uncle" in Calgary. However, we understand the donors have decided to substitute another piece of silverware to take its place, and which no doubt will find a long residence in Phoenix.

### S. H. & E. F. Elect Officers

The following officers were elected at the last meeting of the Scandinavian Aid and Fellowship Society lodge, No. 47. President, John E. Anderson; vice-pres., Pete Strand; recording-secy., Louis Carlson; rec.-secy., Emil Carlson; treas., Albin Almstrom; marshall, Richard Elmgren; chaplain, Hans Christenson; I. G., John Erikson; O. G., Chas. Hagan; librarian, Pete Hagberg; trustee, Chas. Hagan.

### Set King's Tent on Fire

An incendiary set fire to the reception tent at Delhi, India, on Thursday, which was prepared for the coming of King George and Queen Mary. Extraordinary precautions are being taken to guard against danger to their majesties.

### Cost of Late Coal Strike

The president of the International Coal Co. is said to have estimated the loss occasioned by the late coal strike at $10,000,000. He stated that the salary loss would amount to $20,000 per day, or a total of $3,500,000, while the loss to the railroads and merchants was enormous. Altogether he figured up the total loss at ten million dollars.

### To Reopen Fife Mines

Charles Dempster, who has just returned from a successful business trip to New York, says he has received instructions from his principals to open up the Fife mines again, and work will be resumed there about the beginning of the New Year.

## Mining Notes of British Columbia

The Jewel mine, at Long Lake, has recommenced operations. The recently erected stamp mill has had some improvements added to it. This property is one of the oldest in the Boundary district.

Frederick M. Wells, manager of the Surf Inlet Gold Mines, left for Princess Royal Island with a number of miners, in addition to the gangs already at work. Mr. Wells took up twelve tons of supplies and will now commence actual work of developing the mines at once. A mill is to be installed and a power plant put up in the summer.

One of the biggest strikes in the history of the Red Cliff mine, was made a few days ago in the northwesterly drift of the upper workings when high-grade copper ore the whole width of the drift was run into, a large proportion of this ore will run twenty per cent copper. The mine was never in better shape than it is today, and everything is running smoothly.

Alex. Faulds, M.E., consulting engineer to the British Pacific Coal company, has returned from Graham Island, where he inspected recent development on the company's property, comprising over 8000 acres of coal lands. He is well satisfied with the progress made, and expects that in less than six weeks the mines will be in shape to make initial shipments at the rate of 100 tons daily.

Charles W. Thompson, late of the Transvaal, in a letter appearing recently in the Vancouver World, says: "I have been busy working up the rock I found from the Tullameen, and have extracted 14 small diamonds, almost microscopic, from some good looking chromite ore. In my concentrates I can see a considerable number of very minute crystals, which I shall be able to separate. Latest quotations from Paris show that the poorest quality of diamond dust sells for sixty cents per carat, or $92 per ounce troy, and that there is constant demand for the same."

The Byron N. White company's group of properties, formerly part of the Slocan Star group, has not been worked lately, operations having been suspended last spring, but the Richmond-Eureka, which has been developing some of the same veins as occur in the Byron N. White group, has steadily continued both development and mining of silver-lead ore for shipment to the smeltery at Trail. Latterly production has been on a smaller scale than some time ago, but the Consolidated Mining and Smelting Co., owning this property, is continuing exploration for other shoots of ore, which it is expected will be opened when development shall have been sufficiently advanced.—Record.

The discovery of valuable deposits of crystallized limestone, which according to assays made of samples, is perfect for the manufacture of cement, is reported to have been made about 77 miles from Prince Rupert, along the Skeena river. In his report on the inspection Mr. Faulds states that in his opinion the deposits contain millions of tons of cement of the highest grade. P. T. Chesley, a well-known prospector in the north country, who discovered the deposits, says: "I went thoroughly over the property and found that the lime strata is much larger than was at first supposed. The strata is fully five miles long, and there is no doubt that the cement manufactured from it will be of the highest possible grade.

Messrs. R. R. Roberts and Alex. Robb, who are reported to have rediscovered the lost mine in Bayonne camp, say that the result was the work of seven unsuccessful attempts which they made to locate that lost property. Owing to disfigurement of the country by forest fires, they lost their bearings, and while endeavoring to find their way out they stumbled on the long-lost workings. They found the open cuts to disclose bodies of sulphide ore of large extent, while a tunnel had penetrated ore of similar character to a depth of twenty feet. The values are said to run extremely high, the ore containing sylvanite, tellurides and sulphides, and the values being principally in gold. They are now awaiting the advent of spring, when they will commence mining operations on a large scale.

### Consolidated Bonds Tiger Mine

The Consolidated company has bonded the Tiger group, at Ainsworth, for $18,000.

The demand for lead ores on the part of the smelters, the higher price of silver and the success which has followed deep development on such mines as the Rambler-Cariboo are said to be the main reasons for this activity in the silver-lead propositions.

During the past year the Consolidated has bonded the Hudson Bay group, at Deer Creek, a carbonate of lead property, for approximately $500,000; the No. 1 at Ainsworth, and the Tiger at Ainsworth. The company has also shown an interest in practically all the promising lead properties in the Ainsworth camp, taking options on the Black Diamond and Little Donald groups on the Maestro.

There is a showing of six feet of ore on the Tiger. The property has been developed to the extent of only 30 feet of work, and the price is therefore considered a high one.

### Wedding Presentation

Elmer Ness, who was married recently in Victoria, arrived in town last week accompanied by his bride. In order to fitly celebrate the event a number of his friends and members of the Sandinavian Aid and Fellowship Society invited the newly wedded pair to their hall on Tuesday evening, when the happy couple were surprised by the gift from both friends and members of a beautiful silver tea set. Mr. Ness, who was taken unawares, expressed the thanks of his bride and himself for the gift in a few well chosen sentences. An pleasant little dance followed and tasty refreshments were served during the evening.

Mrs. Mary Ayers left for Greenwood Tuesday from Spokane.

## 25 CARS OF COKE AT GRANBY SMELTER

**No. 3 Crusher Proves Satisfactory—Several Cars Loaded.**

The long-expected supply of coke from the Crow's Nest Pass is arriving slowly, and up to the present there are about 25 cars of that valuable and much wanted commodity in the Grand Forks yards. The coke is arriving in small lots, but it is expected that as the coal mines get into working order the supply will be frequent and abundant. The small force at the mines here are preparing for the opening, which cannot now be long deferred. The new crusher at No. 3 outlet is now in fine shape, a trial of that machine having taken place this week, several cars being loaded from it.

An unconfirmed report from Greenwood says that preparations for the immediate re-opening of the Rawhide mine are to be made.

A large consignment of coke from Coleman arrived in Greenwood on Friday night.

### C.P.R. Secures Prize Spud Crop

Travellers on the transcontinental trains of the Canadian Pacific Railway are now being served in the dining cars of the company with British Columbia championship baked potatoes. As an aftermath to the recent big land show at New York, where this province won first prize in the competition for the best potatoes grown in America, the C.P.R. sent agents to the districts where the prize potatoes were grown and bought up all of the championship variety of "Murphys" that could be secured. The C.P.R. now make a specialty of this potato on their cars. Other railways are able to serve big potatoes, but they are unable to secure the British Columbia prize brand, the C.P.R. having a monopoly in that line. Already inserts for the regular menu cards have been printed in which the championship baked potato occupies the place of honor on the "ready to serve" list.

Ernest Miller, M.P.P. for Grand Forks district came up from the Forks on Thursday's train. He returned on Friday.

## PACIFIC HOTEL AT DENORO BURNED

**Destroyed in 15 Minutes—Loss $7,000—No Insurance.**

Shortly after five o'clock on Thursday of last week, the alarm of fire was raised in Denoro. The fire, which had its inception in the kitchen of the Pacific Hotel, owned by Exel Gustafson, spread with such alarming rapidity that in fifteen minutes the hotel was burned to the ground. Owing to the rapid spread of the fire, the inmates were unable, to save their personal belongings, a sister of Mrs. Gustafson losing $60 in cash, while $250 in loose cash belonging to the proprietor was destroyed. From the first it was seen that the place was doomed and all efforts were directed to prevent the flames from spreading to the adjoining property. The building and contents were a total loss, no insurance being carried by Mr. Gustafson. A recent estimate places the loss at about $7,000.

### Accident at Athelstan

Thomas Bray, formerly Provincial constable of Phoenix, met with a severe accident while at work in the Athelstan mine on Saturday last. He was at once conveyed to the general hospital, where his injuries were attended to by Dr. Dickson. The latest report says he is recovering rapidly.

### New Commissioner For Yukon

Rumors are rife on the coast that George Black, a Vancouver lawyer, is to be appointed governor of the Yukon, in succession to Alexander Henderson, resigned. Mr. Black formerly practiced law at Dawson, and opposed J. Conroy at the 1908 election.

### Boundary Ore Tonnages

Following are the returns of the output of the mines and smelters of the Boundary district for the week ending Dec. 7, and year to date:

| | | |
|---|---|---|
| Granby | | 585,672 |
| Mother Lode | 7,222 | 287,931 |
| Jack Pot | 247 | 24,519 |
| Rawhide | | 178,633 |
| Athelstan | 115 | 7,027 |
| Others | 1514 | 13,114 |
| SMELTER TONNAGES | | |
| Granby | | 577,791 |
| B. C. Copper Co... | 9,651 | 557,139 |

### B. C. Copper Treatment

The B. C. Columbia company's smelter treated 9,651 tons of ore this week, as follows: Mother Lode, 7,438; Rawhide, ; Wellington, 124; Athelstan, 75; others, 914.


Your Guests Know

They are getting the Best Beer brewed when you serve

Phoenix Beer

It is rich, but not heavy, and just enough of the delicious appetizing flavor of hops, without the excessive bitter.

ORDER A CASE TODAY

PHONE 23

PHOENIX BREWING CO., LIMITED



Plumbing and Tinsmithing

Stoves Made, Relined and Repaired.

Don't put off till tomorrow what you should do today! We are now in a position to turn out

FIRST-CLASS WORK

at Prices that will suit your Pocketbook. Call Phone A10 and tell your troubles to

Ralph E. Pope

PHONE A10



TRY the Lower Town Barber Shop

For an Easy Shave, Stylish Haircut Refreshing Massage, or an Invigorating Shampoo. New and Up-to-Date in every particular.

C. A. Best, Prop.



A. S. HOOD

Fire, Life and Accident Insurance. General Agents.

Issuer of Marriage Licences

Bank Block, Phoenix, B.C.



Announcement

Owing to the present conditions, and the fact that we bought goods heavily in anticipation of good times, we have decided to give

10 per cent Discount

on all goods, except Waltham and Howard High-Grade Watches. This means a saving of 10c. on every dollar you spend with us. It will pay you to investigate.

WATCH THIS SPACE NEXT WEEK

E. A. BLACK, Jeweler

## MEAT MARKET SPECIALTIES

CASCADE CREAMERY BUTTER, 45c. per lb.
EMPRESS CREAMERY BUTTER, 40c. per lb.; 2lbs. for 75c.
SHAMROCK FARM BUTTER, 35c. per lb.; 3lbs. for $1.00.
EMPRESS CREAMERY BUTTER, 14lb. box, $4.90.
SUGAR CURED HAMS, 25c. per lb.
CHOICE BREAKFAST BACON, 27c. per lb.
CASCADE FRESH EGGS, 45c. per dozen.
ONTARIO FRESH EGGS, 40c. per dozen.
"KING OSCAR" SARDINES, 15c. per tin.

**P. BURNS & CO., LTD.**
Wholesale and Retail Butchers and Produce Merchants
PHOENIX, B. C. PHONE 2

## Your Milk Supply

Should come from healthy and vigorous Stock, handled in a CLEANLY AND SANITARY manner. Separated Cream insures purity and quality. The Dairy produces both.

**THE DAIRY** J. W. Hannam, Prop.

## Carpets, Rugs and Mattings

Every home-maker, every Hotel proprietor, should promptly take advantage of the great savings. You are to keep in mind that our quotations are on all Fall stock—no old goods, no job-lots nor "auction" goods. Dependability is our watchword and in buying floor coverings, perhaps more than any other dry goods line, it is necessary to have confidence in the quality of the goods and in the seller of the goods.

CALL TODAY AND EXAMINE THESE GOODS.

**C. F. Edwards,** Furniture Dealer and Undertaker

## QUEEN'S HOTEL

R. V. CHISHOLM, Prop.
DANNY DEANE, Manager.

This is the Largest and Newest Hotel in the city, heated by steam, and well furnished throughout for the accommodation of the public. Everything Neat, Clean and Up-to-Date. Meals served at all hours.

Bar Stocked with Choicest Liquors and Cigars
CENTRALLY LOCATED ON CORNER BRIDGE AND KNOB HILL AVENUE.
Steam Heated, Electric Lighting.
Telephone 48 and 26

## THE VALUE OF A SMART APPEARANCE

There is nothing that helps like correct clothing, and it is the natural desire of young men to want to be well-dressed. Aside from mere appearances a famous English doctor declares that stylish clothes are a powerful mental and moral tonic, and that a man in shabby attire has the odds decidedly against him.

The prestige that a well-tailored appearance gives in both business and society is well worth all it costs, particularly since the highest perfection of fine tailoring is now within easy reach of modest means. Look prosperous and you will be more likely to be prosperous. Proper clothing makes you look good, feel good and make good. With that fact before you, how much will your appearance this Fall add to your chances of success?

We show goods cheerfully regardless of whether or no you are ready to buy. We want you to know how easy it is to get good and becoming clothes if you come to the right store.

**Thos. Brown** Men's Wear Exclusively

## GREAT NORTHERN RAILWAY

Cheap round-trip Canadian Holiday Fares to all points in Eastern Canada

**Toronto, $92.95 Montreal, $97.95**
**Quebec, $102.85 Halifax, $116.40**

Tickets on sale Dec. 1st to 31st inclusive; final return limit three months from date of sale. Tickets, first-class, assuring you best of service and train connections.

Also reduced rates to Atlantic Seaports in connection with Old Country steamship tickets on sale, Nov. 10th, to Dec. 31st, with five months limit.

For further particulars, call or write
W. X. PERKINS, Agent.

**Royal Billiard Parlors** FINEST GRADE OF CIGARS IN THE BOUNDARY

AGENTS FOR THE CELEBRATED MAPLEWOOD ICE CREAM AND SOFT DRINKS

**Cosgrove & McAstocker, Props.**

## Phoenix-Greenwood Stage Line

Leave Phoenix, upper town, 9.30 a.m.
" " lower town, 10.00 a.m. } Standard Time
Leave Greenwood 3.00 p.m.

PROMPT ATTENTION TO EXPRESS AND FREIGHT

**H. M. LAING, Proprietor**



## THE PHOENIX PIONEER

ISSUED WEEKLY
AT PHOENIX, BRITISH COLUMBIA.
Subscription, 2.00 per year
2.50 to United States.
G. KAY, Publisher.

ADVERTISING SCALE
Application for Liquor Licence (30 days) ... $5.00
Certificate of Improvement notice (60 days) $7.00
Application to Purchase Land notices (60 days) ... $7.50
Delinquent Co-owner notices (90 days) ... $10.00
Small Water Notices (30 days) ... $7.50
All other legal advertising, 12 cents a line, single column, for the first insertion; and 6 cents a line for each subsequent insertion, nonpareil measurement.

SATURDAY, DEC. 9, 1911


Mr. Yada, the Japanese consul in Vancouver, is petulent. He has been pointing out how absurd we Canadians are in objecting to the presence in British Columbia of a paltry ten thousand of his people. What harm can they do? said this gentlemen. He also points out how scarce labor is in this country, but in the same breath he calmly informs us that no help in this respect can be expected from his country. The Japanese authorities have spoken. As to the harm done by his ten thousand countrymen (we take the figures advisedly). There was once an industry on the coast employing thousands of white men. The earnings of some of those white men totalled in some seasons as high as $500 in six weeks, while the average earnings was pretty good to think about. All this is changed, now, Mr. Yada's, countrymen have ousted the whites and monopolized the salmon fishing industry of British Columbia. So complete is the Jap monopoly, that it is considered anything but a wise action for a white fisherman to drop his net in the midst of the Jap fishing fleet. The news that the Japanese government are determined to prevent their people emigrating to these shores is the sweetest piece of news this year. If it turns out to be true there is a fighting chance for the formation of that naval reserve on the coast, and the chief requisite for a naval reserve—a British one—is a white fishing population.

A considerable amount of unfavorable comment is being heard on the coast nowadays, with regard to the prices now being asked for mining claims throughout the province. With very few exceptions there can be little doubt that the criticism is rightly deserved, the figures now being quoted, being apparently out of all reason. According to the statements of those commissioned to negotiate the purchase of mining properties, the period has passed away when the prospector disposed of a practically undeveloped claim for a high figure. The advance now being made in mining science, the close attention paid to the reports of the geologist and mineralogist, the now universal use of the diamond drill, have all contributed their part to upset the old order of things. The advent of this useful machine and its use in the hands of experts has obviated to an enormous extent the laborious development work of the average prospector. Its an ill wind that blows nobody any good, but while the new state of affairs will hardly be welcomed by the prospecting brotherhood, it has its compensations in the fact that those useful members of our population will now have more time at their disposal to discover other sites of hidden wealth by utilising the time usually taken in developiug and opening up their properties.

Nearly 600,000 cords of wood were ground into pulp-wood by 51 pulp mills operating in Canada during 1910. Statistics compiled by the forestry branch of the Department of the Interior, show the total value of this wood to be $3,585,000. It was converted into 475,000 tons of wood pulp. The 25 pulp mills in Quebec reported the consumption of 57 per cent of the total for Canada, or 23,000 cords more than in 1909. Ontario likewise increased the amount consumed in its fifteen pulp mills by over 20,000 cords, using one-third of the total consumption and forming with Quebec 92 per cent of the total. The mills of Nova Scotia consumed nearly 30,000 cords. New Brunswick used barely one-fifth as much as in 1909, contributing in that year fifteen per cent of the total. In 1910 the amount used was only two per cent of the total, due chiefly to the closing of one large plant. The average value of pulp wood in 1910 was six dollars per cord, and Quebec was the one province in which the price was less in 1910 than in 1909. The price in this province fell off 35 cents to $5.50 per cord. The highest price paid was in Ontario, where it averaged seven dollars, while pulp wood from Nova Scotia at $4.60 per cord was the cheapest.

### Ominica River Placers

Reports from the North state that the past season's work on the Ominica river, have removed all doubt as to the payable character of the placer deposits existing there. This conclusion is arrived at by the announcement that the leases of the Kildare Milling Co., on Slater creek, have been taken over by a French syndicate. The new operators, says the Vancouver World, have guaranteed to spend $250,000 in development, and to this end are now preparing to send in all supplies for next season by means of dog teams, so that no time will be lost once the spring sets in and work can be proceeded with. These leases have been proved up and are said to contain excellent pay.

The militia department has decided to raise the pay of the Canadian militia to $1.00. The term of camp training is now 16 days.


## Cold Sores and Ulcers are Healed by Zam-Buk.

Cold sores, chapped hands, ulcers and winter eczema are common troubles just now, and for all these Zam-Buk will be found the surest and quickest remedy. Sometimes cold sores arise from chilblains on the toes or fingers, and in the former case where colored socks are worn, there is danger of blood-poisoning from the dye. Zam-Buk being so powerfully antiseptic removes the danger as soon as applied and quickly heals.

Mr. W. J. Halliday, of Ash Grove, Ont., says: "I had my little finger frozen, and it cracked at the first joint causing a bad sore, which discharged freely and would not heal. The pain was very bad, and the whole of my hand became swollen and in bad shape. A friend advised me to try Zam-Buk, and I soon found that Zam-Buk was altogether different to any preparation I had ever tried. In a very short time it healed the sore."

Miss Lillie May, of Stoney Creek, Ont., says: "A few weeks since, several nasty, disfiguring cold sores suddenly broke out on my lips, which became much swollen. Seeing my condition, a friend advised me to try Zam-Buk, and leave all other preparations aside. This I did, and was much pleased, after a few applications of this balm to see every sore healed."

Zam-Buk will also be found a sure cure for eczema, blood-poison, varicose sores, piles, scalp sores, ringworm, inflamed patches, rashes, eruptions and chapped places, cuts, burns, bruises, and skin injuries generally. All druggists and stores sell at 50c. Refuse harmful imitations and substitutes.

Use also Zam-Buk Soap, 25c. tablet. Best for baby's tender skin!

## DRAYING

Of all kinds promptly attended to. Rapid Express and Baggage Transfer. Careful attention to all orders. Phone A65

**James G. McKeown**

**Shiloh's Cure**
QUICKLY STOPS COUGHS, CURES COLDS, HEALS THE THROAT AND LUNGS. 25 CENTS


## POINTED PARAGRAPHS

The crew of the cruiser Aboukir, purchased by Canada, were paid off last week. The ship is to be overhauled and transferred to Canada next spring.

A new gold strike has been made at Oregon creek, near Nome, and it is reported that all the outfits now working on the creek are producing good pay dirt.

The German military authorities are considering the question of raising to $120,000,000, the war fund of $30,000,000 now deposited in a tower near the town of Spandau.

All records have been broken by the lateness of the season in the north. Behring Sea is unusually calm and no ice is in sight. The water is virtually level, and at Nome is seven and a half feet below mean.

The Italian Premier says that Italy is in no hurry to end the war, which will be carried on with the least possible inconvenience to other countries. Italy has ample funds to carry on the war for an indefinite period.

Field Marshal Lord Kitchener is to be decorated by the French President with the Franco-Prussian war medal of 1870-71. When a young officer, he visited his parents who lived in Brittany, and espoused the French cause, serving as a volunteer in the French engineers.

The London Financial Times announces that Lord Pirie, acting on behalf of the International Mercantile Marine, is negotiating to acquire control of the Union Castle Mail Steamship company, which operates between England and South Africa.

The province of Quebec will sell no more of its water powers in perpetuity, and has advertised for proposals for ninety-nine year leases of ten large water rights. In future the policy of leasing will be followed so that the province will reap the benefit of the development which takes place.

Great precautions for the safety of the King and Queen on the sea were taken by the British Admiralty. The Medina was escorted from England along the Mediterranean by six powerful cruisers. They passed the Turkish fleet and after exchanged salutes with the fine war fleet of Italy.

At the Canadian Club dinner in Boston, last week, Premier Fleming of New Brunswick, expressed the opinion that Canada rejected the reciprocity pact because the States refused it when Canada wanted it. Canada did not want to change her policy, because she believed her destiny would be better worked out from within the British Empire.

At the militia conference recently held at Ottawa the fact leaked out that the officers' swords were made in Germany. Col. Hughes, the new Minister of Militia also discovered that bayonets for the Canadian troops also came from Continental factories. The minister has cancelled an order pending, and has ordered that none but genuine British made swords be purchased in future.

The wife of Winston Churchill named the new battleship, Centurion, which was launched recently at Devenport. The new ship has a displacement of 28,000 tons, length 555 feet, beam 80 feet and draft 27½ feet. She is expected to develop 30,000 horse power. A remarkable feature in her construction is the number of water-tight compartments, of which there are scores, rendering her practically unsinkable even if a section below the waterline is penetrated by a torpedo.

Spurned and shunned by his fellow beings, unable to find food and shelter in the haunts of men, S. Albee, a roadmaster of the Southern Pacific, spent a night in a box car, following an encounter with a skunk. Albee was riding a gasoline vehicle when he ran down the animal with disastrous results. His appearance at the depot caused a panic, and, unable to get within shouting distance of a human soul, he sought the friendly shelter of a box car. The car will be aired for a month on a lonely side track.


**Shiloh's Cure**
STOPS COUGHS HEALS THE LUNGS PRICE. 25 CENTS

## WOOD

First-class Fir and Tamarac Wood, $5.00 per cord
Pine Wood, $4.50 per cord.
Pine Wood, double cut, per cord, $6.00.

WOOD DELIVERED ON SHORT NOTICE. 'Phone B 32

**Gust Johnson**

## Dr. Price's Cream Baking Powder

*Made from grape Cream of Tartar; absolutely free from alum.*

For sixty years American housewives have found Dr. Price's Cream Baking Powder a guarantee of light, pure and wholesome food.

## COPPER

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## COPPER HANDBOOK

just published, is Volume X. for the years 1909-1911, and required nearly eighteen months in preparation.

**IT HAS 1902 PAGES**

containing nearly one and a half million words, or about twice as much matter as the Bible. There are 23 chapters, and the book covers the

**Copper Industry of World**

The book covers Copper History, Geology, Geography, Chemistry, Mineralogy, Mining, Milling, Leaching, Smelting, Refining, Brands, Grades, Impurities, Alloys, Uses, Substitutes, Terminology, Deposits by Districts, States, Countries and Continents; Mines in Detail, Statistics of Production, Consumption, Imports, Exports, Finance, Dividends, etc.

Vol. X of the Copper Handbook lists and describes

**8,130 Mines Companies**

these descriptions ranging from 2 to 3 lines, in the case of a dead company, in which case reference is made to a preceding edition giving a fuller description, up to 21 pages in the case of the Anaconda, which produces one-eighth of the copper supply of the world. The chapter giving mine descriptions, which lists the largest number of mines and companies ever given in any work of reference on mines or mining in existence, has been

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# An Instructor In Painting

### A Tale of Orr's Island

By TOM F. BROWN

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During the summer of 10—Constance Phillips, an art student, chose the coast of Maine for a field in which to paint pictures. There is an island on that coast which has been made preeminent among its neighbors by a celebrated authoress, who located one of her stories there. Harriet Beecher Stowe's "Pearl of Orr's Island" has been read by millions of her fellow countrymen, thus familiarizing them with at least the name of the locality.

Miss Phillips, being alone, stopped at a small hotel near the house in which Mrs. Stowe wrote her story. In the morning after breakfast she would take her artist's paraphernalia and start out in search of a scene to transfer to canvas. But she found nothing of the marine order that pleased her more than the view looking eastward from the lower end of the island. Descending an incline, she found herself just above a rocky shore overlooking a strip of Casco bay. There she set up her easel and, embracing in her subject a bit of the rocks and a bit of the ocean, began her work.

Constance painted all the morning, but unfortunately her ability to transfer to canvas what she saw was not of a high order. Like many aspirants for success in art, she felt it, but was unable to express it. What she had placed on the canvas disappointed her. She was looking at her work ruefully when she heard a step behind her and, turning, saw a man descending through the wild grass and weeds. As he passed her he lifted his cap and, casting a glance at her picture, paused, looking from it to its subject.

"You have selected quite an attractive view," he said. "Your discrimination in this respect is proved by your having chosen the best there is here."

"I fear it is all discrimination," said Constance, viewing her work lugubriously.

"You mean that you are not gifted with the artistic touch?"

"I fear I am not."

"A good deal depends upon that which for the want of a better word I shall call the trickery of art. There are all sorts of methods of producing effects which, though in themselves mechanical, tend to successful painting. Judging from this bit of work, I fancy you have something to learn in this respect."

"Lots."

"For instance, this bit of rocky cliff is depicted against that wood across the water. The cliff is of a dark brown, the wood a dark green, two dark substances, the one directly behind the other. You must make one of them of a different shade from what it is. The rock, being in the foreground, is the most important. You have got its color to perfection. The wood, being distant, would bear more blending with its neighboring objects. It will bear lightening, which will darken the rock."

Constance mixed some colors on her palette, gave the wood beyond the rock a dab and was quite pleased with the improvement. The rock stood out boldly, while the wood appeared at its proper distance.

"Are you a teacher of art?" she asked.

"I have taught art, but I do not teach now. I am interested at present in regaining my physical strength, which is somewhat run down."

Constance noticed that he was pale and thin. His eyes, which were large and expressive at any time, seemed more so in his invalid condition. She thanked him for his suggestion and, removing her canvas, folded her easel and her stool, put her palette and paint in her box and was starting away when the stranger said:

"Have you to carry those things far?"

"To the village, about a mile up the island."

"Do you come back to paint this afternoon?"

"I expect to."

"Then it is not necessary that you should lug them both ways. I have a shack on the crest, between here and the road, and you can leave them there."

"That would indeed be a saving of labor."

He took up a part of her belongings while she carried the rest, and they walked together up a little path to one of those summer cottages containing only beds, chairs and cheap tableware which city folk rent either for a few weeks in summer or for "the season." There was a broad porch on three sides of it, and its occupant, setting down the artist's materials on the porch, said:

"They may remain here till you return in the afternoon, and if you don't come again today I will take them inside and keep them for you till you need them."

"You are very kind," Constance replied. "Do you live here all alone?"

"For the present. I go back to the city early in September."

"I will relieve you of my belongings about 3 o'clock this afternoon."

"If it is not necessary that you work all day I would advise you not to do so."

"Why?"

"Well"—he looked up at the sky for a reason and found one—"in the morning we are fresh and can do our best work. Besides, when we have just finished a bit of work we are liable to either undervalue or overvalue it. If you leave what you have done this morning without looking at it till tomorrow you will be able to put a much better estimate upon it than now, just after working upon it."

"And if I leave it here I can't see it, can I?"

"No, you can't. And in the morning when you are fresh you will know just what it requires. You see, the course I advise is beneficial in more ways than one."

Constance left him and, striking a disused road through the pines, walked away toward Harpswell village. After dinner instead of going back to her work she took a siesta and later a tour of observation in search of objects to transfer to canvas.

The next morning was clear and crisp. Constance walked to the cottage where she had left her belongings and, approaching, saw her easel set up on the north porch and her picture resting on it. She was far better pleased with what she had done than she had been the day before. Just then the stranger came out, and she said to him:

"You are an admirable teacher. Last evening I was disposed to throw my work into the fire. This morning I am very well satisfied with it."

"Perhaps it is because you see it through rested eyes."

Constance took her picture down to the position she had occupied the day before and began her day's work. She was again disappointed. It seemed to her when noon came that her picture looked much as it had done the day before. She carried it up to the stranger's cottage. He saw her coming and went out to meet her.

"I fear that I have spoiled it," she said to him. "This morning it was fine; now it is worse than it was yesterday."

"Put it away from you again," he said, "till tomorrow morning."

"I will leave it with you till tomorrow morning if you will kindly keep it, but I know that during the day I have injured it rather than improved it. I am heartsick over it." Growing confidential: "I am very poor and have hoped soon to be able to make my living in this way. If the more work I put on a picture the worse it is, what chance is there for me?"

"We must all meet discouragement," he replied, "but when we are in its toils there is a kind fairy called rest that unwinds them, and when we are refreshed we take hold again with renewed vigor."

So Constance left her picture with her new found friend, went to her room and lounged the rest of the day. In the morning she found her picture again set up in an advantageous light, and again her dissatisfaction with it of the day before was changed to comfort.

Day after day Constance worked on her picture, every morning comforted by its appearing to her to be improved from what it was the day before, every noon fearful lest she had lost more than she had gained. The stranger taught her many a "trick," as he called it, by which objects were brought to their relative position and striking effects produced. One thing she knew—taken altogether, the picture was really growing into something beautiful. She believed that what she was doing was due entirely to a subtle influence her instructor exerted over here.

During this time the summer was fading into autumn. The water and the sky took on a cold hue, and the cottage residents of Orr's island began to return to their permanent homes. Constance finished her painting and was delighted with it. She was surprised at her talent.

Constance's instructor told her that if she would take her picture to a prominent art dealer in Boston he thought she would get a good price for it. He said he would meet her there on a certain date and introduce her. On the day named she took her work to the store, but her instructor failed to meet her. She showed the dealer the picture, and he studied it carefully.

"Did you paint it?" he asked.

"Certainly. Why to you ask that?"

"Because I would have sworn that was a Frank Elliot."

Taking up a small microscope, he brought it to bear on a lower corner.

"It is an Elliot," he said.

"What do you mean?" exclaimed the astonished Constance.

The dealer handed her the microscope, and she brought it to bear on the picture. There she saw "F. Elliot del."

"Who is Frank Elliot?" she asked.

"Our principal American marine painter just at present."

"Where does he live?"

"Nowhere. He's been trying to regain his health at Orr's island, I believe."

Constance was dumfounded.

"What value do you place upon the picture?" she asked.

The dealer pondered a few moments, then said:

"It is worth about $1,200."

"Goodness gracious!" exclaimed the girl, her breath quite taken away.

At that moment Constance's instructor walked into the shop.

"Hello, Elliot," said the dealer, "Been trying to fool me again, have you? You can't do it. I'd know your work in a dungeon."

The sequel to this story is very brief and very prosaic. Frank Elliot and Constance, his wife, now in summer occupy the cottage at Orr's island, where he painted the picture.

**Useless.**

Probing into the depths of the inconsequential and unfathomable, why were bantam chickens invented?—St. Louis Globe-Democrat.

**No Fish Story.**

"You'll be a man like one of us some day," said the patronizing sportsman to a lad who was throwing his line into the same stream.

"Yes, sir," he answered, "I s'pose I will some day, but I b'lieve I'd rather stay small and catch a few fish."—Tit-Bits.

Some people seem to talk about advice in such a way that it serves as a sort of advertisement to it.

Many a smart man has made a startling discovery. It was simply a smarter man.

Try not to get out with the man who has it in for you.

## GREAT MAP FACTORY.

**Geological Survey Turns Out an Enormous Number.**

The greatest official mapmaking establishment in the country at present is the United States geological survey. In constructing the huge topographic and geologic maps of the United States every detail of the work is done by the survey, from the work of the topographers who make the maps in the field down through the various stages of drafting, lettering, editing, engraving and lithographic printing in many colored inks. There is practically no compilation about the geological survey maps. They are based on surveys made on the ground, and the office work consists simply in putting them into form for issuance to the public. They depict most faithfully the characteristics of the areas surveyed.

Every year with the coming of the open field season numerous survey parties hurry away from the Washington office to the four quarters of the United States, as well as to Alaska, and the result of their season's work is the topographic and geologic mapping of tens of thousands of square miles of all sorts of country, ranging from the most forbidding swamps and morasses to the loftiest of the glacier covered mountains of the Rockies and the high Sierras and including the most valuable mineral deposits of the nation.

While these parties are thus traversing untrodden fields the survey engraving and printing plant throughout the summer, as in fact through all the year, is turning out hundreds of thousands of copies of the results of the previous year's field work. In a single midsummer month this year the survey plant printed 102,404 topographic maps, 5,345 geologic folios, each containing many maps, and 111,170 copies of other geologic maps, charts, etc. Besides its own maps, a great number of maps are also printed by the survey engraving division for other branches and departments of the government.

## PETRIFIED TREES.

**Three Prehistoric Giants Discovered In California.**

Three petrified redwood trees that have been pronounced the very largest in the world that have thus far been discovered have just been uncovered in the debris of the mountain side only a short distance from the famous Bohemian club grove, in Sonoma county, Cal. This point is near the little town of Occident. One of these prehistoric monsters, which make the pyramids of Egypt modern by comparison in their ages, measures twenty-three feet in diameter and is 350 feet in length. The other two petrified trees are thirteen and twelve feet in diameter, respectively.

The very largest petrified trees yet discovered, near Calistoga, Sonoma county, Cal., are only twelve feet in diameter. These three trees lie on a wooded hill pointing due north and south. The petrifaction is most remarkable, the grain of the wood and in one of them the decaying heart being very plainly discernible. Surrounding these petrified trees is standing a forest of very large redwoods. However, all of the standing trees are dead. The owner of the land on which these three great petrifactions lie is now having the debris all cleared away so as to fully expose the giant trunks, and an ironrailing will protect them.—Scientific American.

**Fish Avoid Turbines.**

The belief that factories may be very destructive to fish through their turbines seems to be modified by recent experience. Nearly a score of years ago Sir Thomas Brady expressed the opinion that few fry survive an encounter with a turbine, and his experiments tended to prove that most of those passing through are killed. A Scotch investigator now finds that young and old fish may at least easily avoid the turbines. Not less than twenty experiments with trout and salmon have been reported by Professor McIntosh of the marine laboratory at St. Andrews, and one of the striking results was the ease with which trout swam about the turbine pits without being drawn into the vortex caused by the action of the turbines. They seemed quite capable of avoiding being injured except in case of some special accident. Under good conditions they could swim out of the turbine pits and pass up stream to seek some safe way of getting by the turbines.

**A Walking Machine.**

Professor Hele-Shaw predicts that, inasmuch as men and animals move upon the angle joint in a way quite superior to that of the rolling of a wheel, the time will come when a mechanical walking machine will be invented to move over parts of the earth where roads to not exist or are still in evil condition. He thinks that the higher his standard of locomotion becomes and the more he improves the roads the more man will feel the need of such a machine, which may possibly move at a speed of twenty miles an hour. There already exists a kind of pedaled wheel for heavy automobile engines, which progresses by steps instead of by rolling.

**Many Colored Maps.**

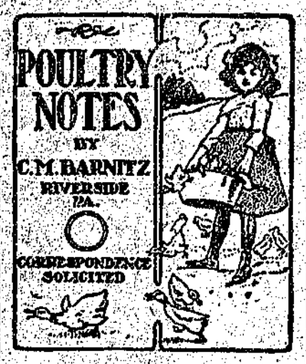
The engraving division of the United States geological survey printed during the fiscal year ending June 30 last 7,283,804 geologic, topographic and other maps, many of them in several colors, each requiring a separate impression. Some of the geologic maps require as many as twenty printings. The total number of printings during the year's work was probably not less than 45,000,000 or 50,000,000.

**Flight of Bullets.**

A bullet which was fired by a charge sufficient to give it an initial velocity of 1,700 feet a second in dry weather would travel at no more than 1,300 feet through moist air.

**Detroit.**

Detroit took its name from the river, which was called by the French De Troit, the narrows. The settlement was originally called Fort Pontchartrain. The Indians called the locality Wawaetunoug, the place of the winding river.

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## BIDDY AT BIRD WORK.

There are no bugs on you, of course not; but, oh, the garden! Root maggots are eating the onions, green worms are chewing the cabbage, beetles are gobbling the asparagus, lice are after the lettuce, snails are spoiling the celery, fleas are chewing the tomatoes, wireworms are boring the potatoes, slugs are after the beans, cutworms are swiping the corn, striped beetles are killing the cucumbers, grubs are after the strawberries, girdlers are killing the raspberries, and red spiders are on the rose.

And, oh, the orchard! Steely beetles are after the grapevine, cankerworms

Photo by C. M. Barnitz.

CATCHING A CURCULIO.

and codling moth are after the apples, slugs are after the cherries, borers are ruining the peaches, and curculios are chewing the plums, the apples, the peaches and the quince.

But the birds will catch them? Alas, hardly!

There was a day when pretty birds
For wiggling worms did search,
But now those birds, alas, alas,
Are worn on hats to church!

But Biddy is on the job, and notwithstanding our cushion pressing custom officiary has declared in solemn session that the hen is not a bird Biddy is doing much bird work all over this country, and Uncle Sam's

Photo by C. M. Barnitz.

SCRATCHING FOR CRAWLERS.

millions of quacks, geese, guineas and goblers are after the pests. This pays in many ways.

The catcher gets delight from the bug bite. The bug makes meat that's a delight, and the pest quick disappears from sight.

The more poultry the less bughouse and the more money from fowls and fruit.

The fowls, digging around the tree, not only get larvae, bugs and wigglers, but cultivate the orchards, so that trees that grew a crop but every other year have been known to bear a big crop annually through the beneficial presence of poultry.

**DON'TS.**

Don't fail to separate the market and breeding turkeys and feed them different rations.

Don't fail to note the market's demands. There's a season for broilers, roasters, capons, ducks, geese and turkeys, and if what you offer is not seasonable you will have to take any old price.

Don't make a contract to deliver so many eggs a week unless you are positively prepared to do the stunt. A failure to meet such an engagement will cause inconvenience and disgust a customer.

Don't haggle that hen with a dull, rusty hatchet. Give her a quick, slick stick; that's the trick. A cut across the arteries of the throat and a stick through the brain is best the blood to drain.

Don't use stained cardboard in your egg crates, and never ship cracked eggs unless sold as such. It pays to win a reputation for reliability, fine goods done up in best style with your trade, whether wholesale or retail.

**Noticeably Missing.**

One of the most evident characteristics of this horseless age seems to be the absence of horse sense.—Puck.

**Affects the Tongue.**

"What is the effect of taking a cold bath every morning?"

"The chief one that I've noticed is an unconquerable desire to tell everybody about it."—Washington Times.

## HONEY GUIDES.

**African Birds That Lead Men to the Nests of Bees.**

"For many ages," says a writer, "the small birds which are known in Africa as honey guides have been in the habit of leading human beings to the nests of bees. The first notice of the kind of which I have knowledge is in 'Lobo's Travels in Abyssinia,' published by Le Grand in 1728. 'The moroc or honey bird,' says this author, 'is endued with a peculiar instinct or faculty of discovering honey. When the moroc has discovered any honey he repairs immediately to the roadside and when he sees a traveler sings and claps his wings, making many motions to invite him to follow him, and when he perceives his coming flies before him from tree to tree till he comes to the place where the bees have stored their treasure and then begins to sing melodiously. The Abyssinian takes the honey without failing to leave part of it for the bird to reward him for his information.' Sparrman, who traveled at the Cape in 1775-76, gives also a very good description of the bird as observed in the southern part of the continent.

"The honey guides lead human beings to the nests of wild bees not so much for the honey as for the grubs or larvae found within the comb. The natives are for the most part well aware of this fact, and if they reward the honey guide, which they usually do to some grudging extent, break off for it a piece of the comb in which the grubs are hatching. Sparrman has a curious note upon this detail. He says, 'I was informed by my boshlesmen (bushmen), as well as by the colonists, that a man who makes it his constant business to go after the bees should not at first be too grateful and generous to this officious bird, but leave for it only just as much as will serve to stimulate its appetite, by which means it will be induced in hopes of obtaining a more liberal reward to discover another swarm of bees.'

"When it desires to feed upon some comb which it has discovered it makes its way to a human being, flutters about restlessly and hops from branch to branch or from bush to bush or from one ant hill to another until it succeeds in attracting the man's attention. During this time it utters a shrill cry of 'cherr, cherr' frequently repeated. If the man is a native who understands its habits and is willing to follow it he often gives a soft, soothing whistle and, taking with him a hatchet, accepts the restless little creature's guidance. The honey guide now goes on ahead, never keeping very far away and always jealous, noticing whether the man is really following. At length the honey nest is reached and the bird's object accomplished. While the native or natives attack the nest and rifle the comb the bird still flutters about, chirping. When the business is concluded and the men depart the honey guide descends from its perch and helps itself to as much of the larvae as it can find.

"When thus following a honey guide the native goes, as a rule, very quietly, taking care not to frighten his small adviser. If the man by reason of bush or other obstacle travels, in the bird's opinion, too slowly it will repeatedly come back to him, fly closely and angrily about him and with restless twitters and evident impatience urge upon him the necessity of hurrying up."

**Roaring Wage.**

Specialists modern scientists are bound to be. But they are not the shriveled specimens so often pictured by the man in the street, all cold intellect and devotion to the pursuit of an abstract idea. They know how to play. Like other men, they are gregarious and play together.

The Red Lion club was composed of great Englishmen, and Huxley was one of the members. The club used to meet during the session of the British association. To a certain meeting at Ipswich, England, which Huxley described in his "Letters," some foreigners were invited, the Prince of Canino, Bonaparte's nephew, among them, and greatly astonished they were at the exceedingly human behavior of the learned professors. The Red Lion men had a custom of roaring instead of cheering and of wagging one coat tail—the lion's tail—when applauding. The prince was much impressed by these proceedings, and when he stood up to respond to the toast of his health instead of making a speech he gave three mighty roars and three wags.—Youth's Companion.

**Lucky Editors.**

When the late N. Villemessant, the proprietor of the Paris Figaro, died he left the paper to the three men who had done the most to aid him. But there were many old contributors on the paper, men with well known names, who made an outcry at this division of property. They insisted that they ought to have been consulted, and they threatened to found an opposition paper to Figaro.

This alarmed the three principals, and they made a proposition to the effect that they themselves should take each £7,000 out of the concern yearly and that the other men should each have a salary of £1,500 for the work they were to do and at the end of the year draw a like sum out of the profits, thus insuring them £3,000 a year each. Yet these men did not write an average of more than half a column a day each—if, indeed, that much—so that they had a very easy time of it.

It was one of the conditions that when any one of them dies his share goes to the others, so that the last survivor will have an enormous income.—London Observer.

**Foolish Company.**

"Well, I want to get my life insured," said a very old man who had entered the office of a general agent.

"I am afraid our company will not wish to take you as a risk," the agent replied. "How old are you?"

"Eighty-five."

"We never write policies for people who are over eighty years old."

"What's the matter with your fool company? Don't you know that a great many more people die under eighty than over that age?"—Judge.

## REMARKABLE BRIDGE.

**Beautiful Example of Re-enforced Concrete Structure.**

A remarkable bridge of re-enforced concrete has been erected to connect two cliffs over an arm of the sea at the extreme southwest point of Ireland. It is 172 feet long in one span and is supported mainly by two parallel arches, abutting against the cliffs at the ends. The width between the horizontal beams is but four and one-half feet, and the footway is 150 feet

RE-ENFORCED CONCRETE BRIDGE.

above the surface of the water. Concrete was used in preference to steel because the bridge is in such an exposed position as to be often enveloped in spray, which would make the life of steel short and its maintenance costly.

The bridge was built to take the place of a traveling cage formerly used as a means of access to the fog signal station on the island cliff.

## BURNING A BRIDGE.

**Wooden Structure Destroyed by Electrically Heated Wires.**

An interesting use of electricity was recently demonstrated in England, where a wooden bridge was cut down by means of electrically heated wires. The bridge had been condemned and was to be replaced by a steel structure supported on the old masonry piers and abutments. Three weeks were allowed in which to dismantle the woodwork, but it proved impossible to accomplish the work in so short a time without the use of dynamite or fire, which undoubtedly would have injured the masonry.

Finally an electrician proposed to destroy the bridge by the use of electricity. Each span of the bridge contained twenty-seven planks, and it was proposed to cut them so that they would drop into the water simultaneously, clear of the piers. The structure was wired, and sufficient current was employed to bring the wires to a cherry red. An hour and forty minutes after the current was applied the first span was cut and fell into the water. The operation was begun at 5 o'clock in the morning, and at 2 o'clock at night the structure had been demolished without injuring the masonry.—Scientific American.

**Compass Needle as Heat Indicator.**

In order to determine the most favorable degree of heat for hardening steel tools an ordinary compass can be used, according to the French magazine Cosmos.

As steel is heated it gradually loses its magnetic properties and in different proportions for different qualities of steel, so that this phenomenon might easily be utilized to measure the temperature. It has been found that the degree of heat at which all magnetic reaction disappears coincides exactly with the temperature most suitable for hardening of drills, chisels, planer irons, etc. The tool is heated in the forge and held at a certain distance from a compass. If the needle deviates it is again heated until no deviation is observed, when it is immersed in the bath, as usual.

**Electrolytic Sewage Purification.**

Oklahoma City is now using an electrolytic apparatus for the purification of its sewage. This apparatus is similar to that installed at Santa Monica, Cal. The sewage is conducted through flumes, in which are placed sets of iron plates, each measuring ten inches by twenty-four inches by three-eighths of an inch. There are three flumes, each containing ten batteries of twenty-seven plates and capable of purifying 250,000 gallons per day. The current used is about one ampere per plate. The action of the current is to cover the plates with bubbles of hydrogen and oxygen, which attack organic compounds and destroy bacteria. The cost of operating the plant at 4 cents per kilowatt hour is $2.16 per day.

**Geologic Work of Ants.**

Professor J. C. Branner in the Bulletin of the Geological Society of America describes the immense importance of ants as geologic agents, especially in tropical regions. Ant burrows have been found at a depth of 3.5 meters, and they ramify over vast areas. The geologic work performed by earthworms has long been recognized, but Professor Brunner believes that the ants and termites of the tropics bring a greater amount of earth to the surface than do the earthworms of the temperate zones and are in many ways an equally important factor in the changes that are going on in the upper strata of the ground.

**Washing Coal For Coke.**

Of the 2,009,266 short tons of coal used for coke making in Colorado and Utah in 1910 1,387,070 tons were cleaned by washing before being charged into the ovens. The washed coal included 836,067 short tons of mine run and 551,003 tons of slack. In addition to the washed slack, 420,728 tons of unwashed slack and 252,468 tons of run of mine coal were used unwashed.

**Mares Best For Farm Work.**

The chief factor in the rapid distribution of pure bred horse breeding stock appears to be the rapidly growing realization among farmers that pure bred mares will do farm work more effectively than even grade mares and that they are vastly more profitable from an economic standpoint than geldings or mules employed in farm work. The latter return only their labor, while mares discharge the work of the farm as well as geldings or mules and produce in their colts an additional source of revenue.

# SELECTIONS

## GILA MONSTERS.

**Their Bite Is Sometimes Fatal and Always Dangerous.**

In a recent issue of the Scientific American an article appeared written by D. Allen Willey describing the Gila monster. The statement was made in the article that scientists had questioned whether its bite was fatally poisonous, as has been supposed. W. C. Barnes of Las Vegas, N. M., claim to know of two cases, in one of which death resulted. Mr. Barnes writes as follows:

"The first man was in Tombstone, Ariz. The Gila was tied by the leg in a saloon as a curio, and a drunken gambler named Brown was teasing it. He carelessly stuck his first two fingers into its mouth, which immediately closed down on them and could not be released until the reptile's head was cut off and the jaws cut apart. Brown suffered horrible agony for almost two days, and in spite of all efforts he died.

"The second case was in the fall of 1889. Walter Vail started from the Empire ranch, near Benson, Ariz., to ride into town on horseback, some fifteen miles. A short distance from the ranch a monster was sluggishly dragging its way across the road. Thinking to take it in for a friend, he got down and killed it, or at least he thought he killed it. To carry it easily he tied it on his saddle behind him, using his saddle string for the purpose. As he loped along he thought to assure himself it hadn't dropped off by reaching around behind him with his right hand and feeling for the monster.

"It was there and not nearly as dead as he thought. His first finger went into the reptile's mouth clear to the knuckle, and instantly those jaws with the long, sharp, daggerlike teeth closed on Vail's finger. With his left hand he managed to get his knife out and cut the saddle strings and then had to dissect the head and jaws to get his finger from their grip.

"Vail then spurred his horse into Benson and found an engine in the yards. A hasty exchange of telegrams with the division superintendent and Tucson took place, and in a few moments he was on the engine and racing over the road for Tucson, where an eminent surgeon resided at that time. Vail lay at death's door for two months, and that finger today is useless and shriveled up from the effect of the bite."

**A Denatured Alcohol Test.**

A careful test of denatured alcohol was lately made by the driver of an automobile, who drove his machine from New York to Philadelphia with alcohol fuel. He found advantages and disadvantages in the use of it. The auto consumed three times as much alcohol as it would have consumed of gasoline, but a part of the excess was due to carelessness. The speed was less than gasoline would have given, and the power developed was less. But it is to be born in mind that the engine was not constructed to use alcohol. The new fuel is absolutely safe, and has a less disagreeable odor. On the whole, he got everything he expected out of alcohol, and, although he does not expect a general adoption of it for pleasure vehicles, he foresees a large use of it by the farmers of the west.—Youth's Companion.

**The Chinese Farmer.**

Harry L. Paddock, United States consul at Amoy, China, writes: "The Chinese farmer is up before daybreak and at work in his sterile fields—fields whose productivity has been exhausted except under high fertilization. He returns to his little shanty after nightfall. To the view of the foreigner he never rests, and for this never ending labor he raises a crop of rice or corn that does not support his family for the year. His clothing consists of a loin cloth in summer and a coarse cotton suit in the winter. Farmers, like all laborers and artisans of China, work hard to live. Laborers earn 10 cents a day, masons 15 cents, artisans 10 to 20 cents and clerks 40 to 50 cents."

**England's War Footing.**

It is seven years since the British empire reeled from the blow dealt to its military prestige in South Africa, but all the good resolutions formed then have come to nothing. There is not the slightest doubt that had England possessed a national statesman of courage and foresight the opportunity might have been turned toward better things, but we had none such. We are today in a relatively worse position than we were in 1899.—London Broad Arrow.

**Our Own Honesty.**

While the Japanese are being lectured on the necessity for commercial honesty it is instructive to read that a line of $2.75 shoes from America was lately landed in Australia of which the Sydney Bulletin says, "The only scrap of real leather about them was a shaving on the soles, the rest consisting of a cloth that looked like kid, some wood, some paper and about eighty stitches."—Springfield Union.

**Sufficient Unto the Day.**

Also there is usually enough trouble today without sending a scout into the future to look up promising recruits in that line.—Atchison Globe.

**Word From Br'er Williams.**

"I reckon," said Brother Williams, "dat Solomon's wives must 'a' been after him for Easter hats, kaze w'en he looked de land over he went back in de house an' said, 'De whole business is vanity an' de biggest sorter wexation er de sperrit!'"—Atlanta Constitution.

**Strongly Opposed.**

"Are you in favor of granting suffrage to women?"

"No, sir," replied the man who was chewing tobacco. "If women were allowed to go to the polls the election judges would have to go outside to spit."—Chicago Record-Herald.

**TO CURE COUGHS & COLDS**

**Mathieu's Syrup**
of Tar and Cod Liver Oil

not only stops a cough but cures it. Its tonic and restorative properties enable the system to permanently throw off a cold.

35c for large bottle.
Sold everywhere.

J. L. MATHIEU CO., Prop., SHERBROOKE.

**MATHIEU'S SYRUP OF TAR & COD LIVER OIL**

DISTRIBUTORS FOR WESTERN CANADA
FOLEY BROTHERS, LARSON & COMPANY, Inc.
WINNIPEG, EDMONTON, VANCOUVER, SASKATOON.



# Opening Notice

Joseph Roy wishes to inform his many Phoenix friends that he has assumed the proprietorship of the Roy Cafe. Meals will be served until midnight. The dining room is tastefully furnished, and scrupulous attention will be paid both to cleanliness and service, combined with reasonable prices. A Call Solicited.

**THE ROY CAFE** Next Door West of BOOK STORE



**MEANING OF THE CROSS**

This cross (in red) has been adopted in Canada and all over America as the emblem under which the Crusade against Consumption is carried on.

Every reader knows of the ravages of this disease; how, too often, the bread-winner of the family falls a victim, or the young man or young woman, with a promise of a happy and useful life, is stricken down.

This modern Crusade, like the one of old, is a winning fight. The death rate from Consumption in this province shows a decrease of over 25% in the past few years.

Nearly 6000 of these poor sufferers have been cared for in our Consumptive Homes in Muskoka and near Weston. To-day we have 300 patients under treatment—patients who, if they had the money, could not through fear of contagion gain admittance into other hospitals.

In the Muskoka Free Hospital alone we are now caring for 156 patients. 128 of these cannot pay a single cent for the cost of their maintenance, 15 pay 70c. per day, 1 pays 57c. per day, 12 pay 50c. or less per day.

Our Trustees, having faith in the generous-hearted people of Canada, have continued to carry on this work during the past year.

Money to pay doctors, food, nursing and caring of these sick ones, is urgently needed. Will your readers help and have the joy of sharing in a work that has the promise of the Master's reward?

W. J. GAGE
Chairman Executive Committee, National Sanitarium Association

347 SPADINA AVE., TORONTO.



**Dr. Pierce's Favorite Prescription**

is the best of all medicines for the cure of diseases, disorders and weaknesses peculiar to women. It is the only preparation of its kind devised by a regularly graduated physician—an experienced and skilled specialist in the diseases of women.

It is a safe medicine in any condition of the system.

THIS ONE REMEDY which contains no alcohol and no injurious habit-forming drugs and which creates no craving for such stimulants.

THIS ONE REMEDY so good that its makers are not afraid to print its every ingredient on each outside bottle-wrapper and attest to the truthfulness of the same under oath.

It is sold by medicine dealers everywhere, and any dealer who hasn't it can get it. Don't take a substitute of unknown composition for this medicine of known composition. No counterfeit is as good as the genuine and the druggist who says something else is "just as good as Dr. Pierce's" is either mistaken or is trying to deceive you for his own selfish benefit. Such a man is not to be trusted. He is trifling with your most priceless possession—your health—may be your life itself. *See that you get what you ask for.*

MARVEL CO.
General Agents for Canada.


Arthur Hetherington died on Saturday last after receiving a shock of 40,000 volts at New Westminster the previous Thursday.


**Dr. de Van's Female Pills**

A reliable French regulator; never fails. These pills are exceedingly powerful in regulating the generative portion of the female system. Refuse all cheap imitations. Dr. de Van's are sold at $5 a box, or three for $10. Mailed to any address. The Scobell Drug Co., St. Catharines, Ont.


## Local and General

Mrs. R. J. Gardner of Grand Forks, was a visitor to the camp this week.

T. Silas stepped off the Great Northern train on Wednesday from Vancouver.

R. L. Mytton, electrician at the Grand Forks sub-station was in town during the week.

Mrs. O. Bush returned to Phoenix, on Tuesday, from a visit to relatives in Portland, Oregon.

John Williams and E. J. Rowlands returned a few days ago from an extended stay in the old country.

Jas. McArdle, of Grand Forks, formerly a resident of Phoenix, registered at the Brooklyn Hotel this week.

Miss M'Creedie, who has been visiting her sister, Mrs. Sweetser, left on Thursday for her home in Tacoma.

Teddy Hurrell, formely of Phoenix, is now with the diamond drill staff at the Hidden Creek mine, Goose Bay.

The dance, recently given under the auspices of the local Scandinavian Society, was a pronounced success.

A meeting of all those interested in the formation of a band will be held in the City Hall, on Wednesday, December 13th.

Angus McPherson, formerly secretary of the local branch of the Miners' Union, returned this week from Vancouver.

A. A. White and Doc Walker, who made a weary pilgrimage to Coalmont, by wagon, this fall, returned to the camp this week.

The Presbyterian service will be held in the K. P. Hall, on Sunday evening, at 7.30 p.m. Everybody welcome. W. E. Brown, preacher.

A. Best, the lower town barber, has recently refitted his parlor with additional comforts for the convenience of his many patrons.

A second payment has just been disbursed by the National Trust Co. of Toronto, liquidators of the York County Loan and Savings Co.

A. Sanders, who has been engaged for some weeks hauling the toothsome Kokanee from Christina Lake, was in town for a few days last week.

The Phoenix friends of Mr. and Mrs. Albert Howe will regret to hear of the loss by fire, recently, of their home and contents. They were residing in Alberta.

To-morrow (Sunday) the Morning Service in the Anglican Church will be held at 10.30, to be followed at 11 by the administration of the Holy Communion. Evensong at 7.30.

"One of the Greatest Questions of the Day," will be the subject next Sunday evening, at the Methodist Church. Good music. A hearty welcome for all. Rev. J. J. Nixon, pastor.

Ernest Russell and E. Rippitto have taken over the management of the Greenwood rink. Hockey teams have been formed at the Motherlode mine, Smelter and in Greenwood. It is intended to pick the team to play in the Boundary League from these three.

Owing to the summer-like weather prevailing in Phoenix, great difficulty has been experienced in the making of ice for the rink. It was at first thought that a record for early skating would have been established, the rink being opened last year on the 20th of Dec.

The tickets for the forthcoming school concert on Dec. 21st, are rapidly being sold. The competition between the first and second divisions as to which class disposes of the greatest number of tickets, has assumed a quite exciting phase. Up to the present the second division leads by a fair margin.

There must be something in our local climate conducive to hale and hearty old age. Archie Aberdeen must occupy a back seat for a while. The other day Jas. M'Intosh, a youth of 86, working at the Emma mine, was unfortunate enough to miss the train for Phoenix. Nothing daunted, however, he started up the hill on foot and made the camp in fine time.

Elmer Ness and Engwald Engen came up from Christina last week. They say their fishing operations at the lake have been very successful. In one haul they succeeded in landing 250 pounds of fish, while five days' fishing totaled half a ton of Kokanee trout. A great part of their catch has been utilised in Phoenix, but they have shipped several lots to Nelson, Cranbrook and Fernie.

W. E. Noble has in his barber shop window, a lemon tree which has a couple of good-sized lemons on it, says a Kaslo paper. This is very good, for Kaslo. The lemon harvest in Phoenix this year exceeded all expectations. Wm. Delahay, custom inspector here, brought us a fine sample of his lemon crop for inspection the other day. We ought to know something about lemons, too, having had more than our share of this fruit during the shut down.

### Killed In Emma Mine

An accident of a distressing kind took place on Thursday in the Emma mine, at Oro Denoro, when Tom Williams, a miner, was instantly killed by an explosion. The information at hand is somewhat meagre, but it is supposed that while engaged in bulldozing a large boulder he drilled into a missed hole. The deceased, who was a native of Wales, was a great favorite with that colony in Phoenix and had only worked at the Emma a short time. He leaves a widow and large family to mourn his loss.

### King Edward Lodge
No. 36, A.F. and A.M.

Regular communication at 8 p.m. Second Thursday of each month.
Emergent meetings as called; Masonic Hall, McHale Block.

J. J. Struthers, Secy. J. S. Boyde, W.M.

### I.O.O.F.
Snowshoe Lodge No. 46

Meets every Monday Evening at Miners' Hall. Visiting brethren cordially invited.

Wm. Van Wagenen, Noble Grand
A. L. McKinnon, Fin. Secy.
W. J. Rutherford, Rec. Secy.

### Daughters of Rebekah
Phoenix Lodge No. 17

Meets in the Miners' Union Lodge Hall First and Third Wednesdays.

Miss M. Mackenzie, Noble Grand.
Mrs. Ellie Marshall, Secretary.

### FRATERNAL ORDER OF EAGLES
Phoenix Aerie No. 158

Meets in Uni n Hall, Friday Evenings. Visiting brothers are always welcome.

John Love, W. P.
T. B. Cosgrove, W. Secy.

### K. of P. Lodge, No. 28
Phoenix, B.C.

Meets TUESDAY EVENING at 7.30. Sojourning brothers cordially welcomed.

J. B. CARTER, K. of R. S.
G. KAY, C. C.

### PYTHIAN SISTERS
Mountain Temple Lodge No. 17

Meets in Pythian Hall, Lower Town, First and Third Thursdays.

Mrs. H. Reed, M.E.C. Mrs. A. D. McKenzie, M.R.C.

### NOTICE.

In the Supreme Court of British Columbia.
In the matter of the Estate of Martin Lundquist, deceased.

NOTICE IS HEREBY GIVEN that on the 28th day of September, 1911, it was ordered by Judge Brown that A. C. Sutton be administrator of all and singular the estate of Martin Lundquist, late of Phoenix, B.C., deceased, intestate.

Every person indebted to the said estate is required to make payment forthwith to the undersigned, and every person having in possession effects belonging to deceased is required to notify the undersigned forthwith. Every creditor or other person having any claim upon or interest in the distribution of said estate is required before the 12th December, 1911, to send by registered letter addressed to the undersigned, his name and address and full particulars of his claim, nature of interest, and a statement of his account, verified by statutory declaration, and the nature of the security (if any) held by him.

After the said 12th day of December, 1911, the administrator will proceed with the distribution of the estate, having regard to those claims only of which he shall then have notice.

Dated at Grand Forks, B.C., 14th Nov., 1911.

A. C. SUTTON,
Official Administrator, Grand Forks, B.C.


**Shiloh's Cure**
QUICKLY STOPS COUGHS, CURES COLDS, HEALS THE THROAT AND LUNGS. 25 CENTS


### LAND REGISTRY ACT.

In the matter of an application for duplicate Certificate of Title No. 5378A to Lots 7, 8, 9 and 10, Block 16, Map 50, Town of Christina.

NOTICE is hereby given that it is my intention at the expiration of one month from the date of the first publication hereof to issue duplicate certificate of Title to said lands to Joseph Letcher Martin, unless in the meantime valid objections be made to me in writing.

W. H. EDMONDS,
District Registrar.

Land Registry Office,
Kamloops, B.C.,
Nov. 9th, 1911.

The Avon group of three claims, owned by Dan Olson, Lowrie and Burns, situated at Kitsilas, have been bonded for $25,000 to J. W. Walters of Tacoma, for a small cash payment. Work on the property is to commence in the early spring. The principal values in the ore are gold, copper and silver.


**THE WARNING COUGH— THE WEARING ILLNESS**

Colds often herald their coming with a warning cough.

This warning demands instant attention. The health is in danger, the body is attacked; the risk is terrible.

Act on the first symptoms.

Mathieu's Syrup of Tar and Cod Liver Oil arrests the cold at once.

Tar and Cod Liver Oil are the great twin agents for cold cures, the Tar healing the inflamed parts and the Cod Liver Oil building up the whole body.

They are combined in Mathieu's Syrup to produce marvellous results. Large bottle 35 cents.

At all dealers.

When headache and fever are present with a cold take Mathieu's Nervine Powders to reduce the fever and allay the pain. J. L. Mathieu Co., Props., Sherbrooke, Que. (R)

DISTRIBUTORS FOR WESTERN CANADA
**Foley Bros. Larson & Co.,**
(INCORPORATED)
Winnipeg, Edmonton, Vancouver, Saskatoon.



**Scobell's Liquor, Tobacco and Drug Cure** Permanently dispels the need for Alcohol, Tobacco and Drugs. It counteracts the effects almost instantly—removes all cravings. After taking the treatment there will never be any need to drink intoxicants or use drugs again. Can be given secretly. We have yet to hear of one failure. Mailed under separate cover to any address. Price $5.00 box, or 3 boxes for $10.00. The Scobell Drug Co., St. Catharines, Ont.


## Provincial Items

Horned owls are unusually plentiful in the Keremeos district.

An Indian, locally known as Will, was frozen to death a short time ago while trapping up the Coldwater river in the Okanagan.

John Bozyk has been committed for trial at New Westminster, on the charge of receiving moneys known to be part of the loot in the great Bank of Montreal robbery in the Royal city.

A suggestion has been made and is being seriously considered by the Provincial government to utilise Kaslo marble in the construction of the proposed British Columbia University building.

A trapper who had the misfortune to shoot himself with a 30-30 rifle, recently, crawled six miles to the Murray ranch, on the Mammet lake road, whence he was conveyed to the hospital in Merritt.

The Gibbons Lumber company of British Columbia is applying for permission to construct an aerial tramway over the Columbia river to connect with a siding on the Revelstoke and Arrowhead branch of the C.P.R.

No tidings have been obtained of the whereabouts of the missing man, Keller, lost while on a hunting expedition in the neighborhood of Sheep lake. It is believed he was overtaken by a snowstorm and perished in the hills.

Now that Vancouver has decided to bring Stanford University Rugby team north for the Christmas holidays, the Victoria Rugby Union has fallen into line and about concluded to bring the University of California team north, according to advices from the provincial capital.

General Manager Sperling of the B. C. E. R. Company, of Vancouver, has offered a reward of $10,000 for information that will lead to the identification and conviction of the person or persons responsible for the slanderous stories which have been circulated concerning himself and his family.

A man, concerning whom nothing seems to be known with the exception of the name—Harry Green—was found dead in bed by the janitor of the Glenard rooms, on Granville-street, a few days ago. It is believed that he died from poisoning. The police found him lying on the bed with a small box containing cyanide of potassium beside him.

The British steamer Henley, which recently arrived at the coast, is minus two members of its Chinese crew, and one thousand dollars will be demanded by the Dominion authorities if the men are not found. The Chinese escaped while the vessel was moored at the Johnson wharf, despite the fact that a watchman was on duty at the gangway.

During the voyage from Yokohama the greater portion of the Chinese crew of the steamer Luceric cut their queues when celebrating the success of the revolution in China. Two days before the liner reached port, a big celebration was held in the Chinese quarters, and there was a wholesale cutting off of queues. There was a great shouting, and some of the ship's officers ran aft, thinking a fight was in progress.

Dr. Haanel, of the mines branch of the Department of the Interior, has strongly recommended the government to take such steps as will prevent gold from the Yukon being carried past Vancouver to Seattle and San Francisco. He does not propose restrictive measures, but only that the Vancouver Assay Office shall be placed on the same footing in respect to charges as the Ottawa mint and the United States assay offices.

A remarkable banner made by a retired naval officer, Captain Wm. Blakeney, which is eventually to be hung in the hall of the provincial government buildings, Victoria, is being exhibited at the office, in London, of the Agent-General for British Columbia. The banner, which is some 12 feet square, is covered with patriotic quotations from the foremost poets of the Victorian era, there being some 8500 letters in all. Capt. Blakeney was an officer on the Beaver, which arrived at Vancouver Island in 1825, and was subsequently employed in surveying the coast of B. C.


**Electric Restorer for Men**
**Phosphonol** restores every nerve in the body to its proper tension; restores vim and vitality. Premature decay and all sexual weakness averted at once. Phosphonol will make you a new man. Price $3 a box, or two for $5. Mailed to any address. The Scobell Drug Co., St. Catharines, Ont.

# Hotel Brooklyn

The Only First-Class and Up-To-Date Hotel in Phoenix. New from cellar to roof. Best Sample Rooms in the Boundary, Opposite Great Northern Depot. Modern Bathrooms.

STEAM HEATED. ELECTRIC LIGHTED

James Marshall, Prop. Phoenix, B.C.



# Stationery and Confectionery

Fancy Goods, Dolls and Toys, Books, Magazines and Periodicals, Kodaks, Films and Supplies, Musical Instruments and Supplies. School Sundries.

WALL PAPER AND DECORATIVE PICTURES, GLASSWARE AND CHINA.

Cigars, Tobacco, Pipes and Smokers' Sundries.

Writing Paper in Latest Shapes and Tints

**AL. ALMSTROM**



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VIA THE

**Canadian Pacific Railway**

Return limit three months, with extension privileges. Stop overs permitted at all points east of Fort William. Round trip fares from Phoenix, B.C.:

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| Toronto, Hamilton, Sarnia, Windsor | $92.95 |
| Montreal, Ottawa, Belleville, Kingston | 97.95 |
| St. John, St. Stephen, St. Andrews, Moncton | 112.45 |
| Halifax, N.S. | 116.40 |

Corresponding fares to all stations in Ontario, Quebec, New Brunswick, Nova Scotia. Standard sleeping and tourist cars on all trains. For further particulars apply to

J. E. CARTER, Agent, Phoenix, B.C.
W. J. WELLS, District Passenger Agent, Nelson.



**D. J. MATHESON** FIRE, LIFE AND ACCIDENT
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FIDELITY BONDS, PLATE GLASS, COMMISSIONER FOR TAKING AFFIDAVITS

PHOENIX, B. C.



**EASTERN TOWNSHIPS BANK**
Capital and Reserve, $5,250,000
Head Office - Established 1859 - SHERBROOKE, QUE.

WM. FARWELL, President. S. H. C. MINER, Vice President. J. MACKINNON, General Manager

**82 BRANCHES IN PROVINCE OF QUEBEC**
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| WINNIPEG, MAN. | VANCOUVER, B. C. |
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CORRESPONDENTS ALL OVER THE WORLD



# Phoenix Cartage Co.

If you require any Heavy Teaming or Hauling done, let us do it for you. That is our business, and we have the equipment to execute all orders satisfactory.

**First-Class Wood**

We also have a supply of first-class Cordwood, short or long, and can deliver it on short notice.

**McElroy & Thompson, Props.**
Lumber, Lath and Shingles. PHOENIX, B.C.