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THE GRAND FORKS SUN

31st Year—No. 10 | "Tell me what you Know is true, I can guess as well as you." | Friday, January 15, 1932 | $1.00 PER YEAR

Grand Forks City Council Proceedings

The regular meeting of the Grand Forks city council was held in the council chamber on Monday evening. Mayor Henniger and Ald. Miller, McCabe, Simmons and Willis were present.

An offer was accepted for the sale of lots 19 and 20, block 4, map 67, and for lots 5, 6, 7 and 8, block 4, map 23.

A signed copy of the agreement under the unemployment relief scheme was received from the government and filed.

The chairman of the Water and light committee reported that the new pumping plant had been completed and installed. The committee recommended that a formal protest b lodgfd against the granting of water licenses for placer maping by the Rock Creek Placers, Ltd., as the of the water for this purpose caused polution of the city's supply of domestic water and was detrimental to the pumping machinery.

The mayor reported the delivery of 50,000 feet of logs to the Norris Mill company, to be cut up into material to be used in the repair of the smelter dam.

A temporary loan byla wwas introduced and given its first three readings.

Is This True, or Merely a Ruse to Speed Up Immigration

BRISBANE, Australia, January 13.—The unemployed women of Brisbane have threatened that unless the state minister of labor and industry agrees to discuss their problems with them the will march through the streets of the city nude.

The number of jobless women is so great authorities doubt whether they would be able to arrest all of them if they carried out their threat. These women already have participated in some extraordiary demonstrations.

SECOND IN APPLES

Owing to the bumper crop in the east and a yield below normal here, Nova Scotia last year uisplaced British Columbia for first place in apple production in Canada. Figures released by the Dominion bureau of statistics show a total production of 3,134,000 barrels for the whole of Canada, of which Nova Scotia is credited with 1,423,000 barrels; British Columbia, 1,146,000; Ontario, 861,000; Quebec, 169,000; and Ne wBrunswick, 35,000. Apples have be9n grown in Nova Scotia since 1635, when they were introduced by the French pioneer settlers in Acadia. Commercial production of apples in British Columbia dates within the memory of the present generation.

SEEDS IMPORTED

In spite of tariffs, large quantities of timothy, clover and vegetable seeds were imported from the United States last year. The duties paid ranged from 2c per pound on timothy to 25c per vound on tomato and onion seed. The list of imports included white and red clover, sunflower, beans, beets, lettuce, parsley and parsip in addition to the above. The British Columbia markets director of the department of agriculture points out that all these can be raised to perfection in British Columbia.

LOGANBERRY EXPORTS

The loganberry export market from British Columbia was extended last year to the British isles, China, the British Wast Indies and other countries. Over 30,000 cases of the fruit were packed. Processed strawberries were also shipped to other countries.

Summary of Fruit Market

VICTORIA, Jan. 15.—Christmas trade in poultry, fruit and vegetables in the coast cities exceeded expectations, but since that time the market has been dull. Japanese oranges moved freely, some dealers being cleaned out. Bulk apples have cleaned up and only boxed apples are no won hand.

The Canadian rail and water rates on apples to the United Kingdom via Pacific and Panama canal have been reduced from 90c to 75c a box for the six weeks' trip. By rail and Atlantic ports the rates have been reduced from 75c to 57½ per box, thus saving 17c per box. In addition, Atlantic transportation is reduced 5c a box on common stowage and 10c a box on refrigeration, making a total saving of 22½c on common stowage and 27½c on refrigeration.

With the advent of a mild spell at Christmas time on the prairies and at eastern points eggs on the coast markets have sagged heavily. Prairie flocks are now comine into production and will tosome extent influence prices, though a zero period would probably dry up the supply for its duration.

A car of Mexican tomatoes has been received in Vancouver. They are of good quality but very green. When ready to be repacked they are expected to go on the market at a little below the price of local hothouse tomatoes, which are being quoted at $4.50 per lug.

Lettuce is scarce and the imports from California have gone up. The 5-dozen crate is quoted at $7.75 and the 6-dozen crate at $1.25.

Although the total tonnage of holly from Vancouver island this Christmas was smaller than in former years, there were about 15,000 shipments made for various customers. This included a carlot to eastern Canada.

City Election

The municipal election wasn't as warm as some people imagined it would be.

Monday was nomination day. In East ward, Joe Willis, William Liddicoat, J. T. Simmons and J. L Manly were placed in nomination. In the West ward O. G. Dunn, J. R. Gardned, Percy Poulton and Ald. McCabe were the aldermenicnominees. T. A. Love slid into the mayor's office by acclamation.

The poll yesterday resulted in the following vote being cast:

East Ward, Willis 76, Liddicoat 70, Simmons 46, Manly 39.

East ward, Dunn 66, Gardner 55, Poulton 52, McCabe 44.

This vote makes the aldermanic delegation in the new council consist of: East ward, Willis and Liddicoat; West ward, Dunn and Gardner.

Supposed to Be Respectable

"The scurrilous and assinine attack on our mayor this morning by a local paper is unworthy of a paper that is supposed to be respectable, and the article is discreditable to the writer," said a prominent citizen to The Sun man at midday today. The remark of the citizen sums up the situation exactly right, and nothing needs be added to it at present.

A Night With Burns

It is announced that the Davis hall on Monday night, January 25, will witness another gathering of the Scotch and their friends to celebrate in becoming style coming style the birthday anniversary of "Scotland's Bard"—Bobby Burns.

The banquet will be set at 7 p.m. in the main hall, where the caterers will have an excellent opportunity to demonstrate their culinary art. The pipers are being brought in for the occasion and a number of people from outside points will be present.

The local committee who are in charge of the arrangements state that no tickets will be sold beyond the comfortable seating capacity, and tickets should be secured in good time.

The committee consists of Dr. Paxton, H. H. Henderson, J. B. McDonald, Len McDougall and R. Campbell.

ORE SHIPMENTS TO TRAIL SMELTER FOR YEAR 1931

Aurum, Hope, B. C.	22
Bell, Beaverdell, B. C.	1,778
Big Missouri, Stewart, B.C.	101
Butcher Boy, Carmi	20
Carr & King, Quesnel	1
Catherine, Nelson	20
Central Manitoba, Vadhope, Man.	1
Copper Basin, Princeton	21
Davenport, Zwicky, B.C.	9
Euphrates, Nelson	48
Golden Age, Nelson	1
Gold King, Gray Creek, B.C.	2
Grey Copper, Sandon	2
Highland Lass, Beaverdell	352
Ivanhoe, Sandon	14
I.X.L., Rossland	10
Kerr R., The Pas, Man.	27
Knob Hill, Republic, Wash.	384
Leadsmith, Sandon	4
Little Daisy, Silverton	3
Lone Pine-Surprise, Republic	23
Midnight, Rossland	90
O'Brien, Cobalt, Ont.	475
Old Hickory, Republic	36
Planet Nicola, B. C.	94
Reno, Salmo, B. C.	36
Republic, Republic	95
Ruth, Sandon	198
Sally, Beaverdell	111
Second Relief, Erie, B.C.	32
Silver King, Tulameen, B.C.	42
Silversmith, Sandon	226
Snowdrop, Rossland	1
Sunset, Orient, Wash.	47
Union, Lynch Creek	1,594
Wellington, Beaverdell	611
Wilcox, Ymir	53
Waterloo, Edgewood	47
Total	6,613
Company mines	369,312
Total ore, week	8,919
Grand total year to date	406,516

Preliminary Report of the Minister of Mines on the Mining Industry Of British Coumbia

Report by P. B. Freeland, Resident Mining Engineer. Headquarters, Grand Forks.

GENERAL SUMMARY

Since the closing down of the Granby company's Copper Mountain mine in 1930, due to the low price of copper, no other operation in the district has suffered a similar fate, except the Nickel Plate mine, which ceased production on account of ore shortage. A great deal of credit is due to the producers of silver ores on Wallace mountain who have continued profitable shipping regularly in spite of the low prices of the metal. The yearly district tonnage will be considerably reduced on account of no production from the Nickel Plate, and at uresent there are no other similar sized gold operations developed to take its place. However, similar types of rock, in which the Nickel Plate ores occur, are to be found over a large expanse of country to the north and east of Hedley and as there are extensive mineralized areas there, intensive prospecting can be recommended. Recent discoveries in Franklin camp, Grand Forks mining division, may turn out to be important and result in increased output from the camp. The gold-bearing quartz veins in the Fairview camp area and also at Camp McKinney are worth examining, especially the latter, where forest fires have destroyed the underbrush and an unobstructed view can be obtained.

Mention has been made in former reports regarding the splendid systems of roads, trails, railways and high-power electric lines traversing the district, and too great stress cannot be laid upon this asset which permits much cheaper mine operation than in outlying districts where the cost of building transportation routes has to be balanced against the value of the ore found.

GRAND FORKS MINING DIVISION

Union Mine

In former years, prior to 1929, the ore mined contained chiefly silver values with small percentages of galena, sphalerite and from a trace to $13 a ton in gold. Shortly after operations commenced under the control of the McCarthy interests, higher gold values were found, so that the decreasing price of silver was offset by the larger gold contents. This year while diamond drilling in an endeavor to locate the extension of the ore body to the north of No. 1 tunnel, a small body of ore was found. After drilling a tunnel to develop this discovery, only a comparatively small lense of minable ore was struck. Continued crosscutting a short distance bekond to the north under a very slightly mineralized outcrop of quartz some high-grade segments of the faulted ore were developed. This ore differs from that mined hitherto in that it contains a higher percentage of galena, sphalerite, chalcapyrite, pyrite and gold, generally in a quartz gangue in the galena, is visible to the naked eye, and it can be panned from the heavy concentrates.to Laboratory tests have proven, however, that it will not amalgamate, due probably to a thin sulphide film. Little is known at present regarding the size of the new ore extension excepe where mined. The mineral zone in that section varies from four feet to ten feet in width and is about two hundred feet long, in which gold-bearing galena occurs in veins and lenses up to fourteen inches wide, generally on the foot-wall and hanging wall. The ore rakes up and strikes to the west; 54.625 tons of picked crude ore was sacked and shipped to the Bunker Hill smelter, which returned gold, 41.05 ounces to the ton; silver, 18.65 to the ton; lead, 3.55 per cent; copper, 0.98 per cent; and zinc, 9.05 per cent. The net value of the shipment was 043,143.69.

Additions to the mill were necessary owing to the new type of ore, and two Wilfley tables have been added on which heavier minerals will be concentrated and shipped direct to the smelter, and the tailings after settling will pass into the flotaetion unit. The difficulties and expense of mining the new type of ore body found in the Union are considerable, and developed probable payable ore represents a very small tonnage.

Homestake Group

This group of four claims, owned by Ab Fee of Grand Forks, is situated about 3000 feet west of the Union mine in Franklin camp. Development consists of six open-cuts and shallow shafts upon a slightly mineralized zone about 500 feet long containing pyrite, galena and sphalerite and in one instance, comparatively high-grade gold ore. After cleaning out an old 12-foot incline shaft on the Homestake Ab Fee drilled and shot a hole in the west wall, with tthe result that a picked sample of the broken ore assayed: Gold, 24.9 ounces to the ton; silver, 15.0 ounces to the ton. Later, a 40-foot open cut was driven which tapped the bottom of the shaft. Samples taken from the east face varied considerably, as follows: A four-foot sample across the vein assayed, gold, 0.60 ounces to the ton. Another three-foot sample at the bottom of the shaft assayed, gold, 2.20 ounces to the ton. A picked sample gave, gold 9.20 ounces and silver 3.20 ounces to the ton. In none of the other workings has any high-grade ore been found at present. The type of ore resembles that found in the Union mine and the country rocks are also similar, so hat the discovery is important and offers attractive possibilities to those owning claims in the vicinity.

Banner

This claim adjoins the Homestake to the southwest. A considerable amount of work has been done since the claim was staked in 1898, consisting of a shaft about 25 feet deep on a fissure containing sphalerite, galena, chalcopyrite and pyrite in a quartz gangueA crosscut has also been driven about 175 farther down the hill, but the ore exposed in the shaft was not reached. Picked samples of this ore assayed about $18 to the ton in mixed values. The country rocks are altered tuff, quartzite and other similar Franklin group rocks. It seems possible that the ore found in the shaft is the top faulted section of a fissure, the roots of which lie farther into the hill and to the east, in which case the crosscut was not driven far enough. More development is justified.

PAULSON

Prospecting and assessment work was continued on the Molly Gibson group about four miles southwest of Paulson, by Rossland interests, and at he present time John B. Singer, Rossland, has a lease upon the property and hopes to rawhide some ore down the trail to Paulson, where it will be shipped to the smelt erat Trail Lenses and narrow veins of heavy pyrite found in an open-cut above the upper tunnel are said to contain sufficiently high gold values to warrant rawhiding. On the Montrose and Halifax silver-lead-zinc veins, have been developed. The area in the vicinity of Paulson is an interesting one geologically, and a variety of minerals are found, gold, silver-lead-zinc and on the old Motherlode claims, some platinum.

LIGHTNING PEAK SECTION

Waterloo Gold Mines, Ltd. (Waterloo Cons. Mines, Ltd.)

In March, 1931, the companp entered into an agreement with A. S. Hatfield, Penticton, trustee of the Waterloo Consolidated Mines, Ltd., an authorized assignor, whereby the said A. S. Aatfield transferred to the company all of his right, title and interest in the Waterloo Consolidated Mines, Ltd., to the Waterloo Gold Mines, Ltd., for consideration set out in the agreement. Development during the early part of the season, was concentrated upon sinking the inclined shaft on the A. U. claim, commenced in 1930, to a depth of 70 feet and drifting on the vein 72 feet with a crosscut at the end of the drift 40 feet long. During the autumn, this work was discontinued and a lower tunnel (No. 4) driven on the Waterloo claim. In the shaft on the A. U. valued increased in depth and a 6-inch sample carrying $70 to the ton in gold was recorded by the management. A sample of sorted ore taken from the bottom of the shaft while the min was being examined in September, assayed: Gold, 1.0 ounce and silver, 24.5 ounces to the ton; lead, 10.5 per cent; zinc, 8.0 per cent. This compares with a 10-inch sample taken 14 feet down the shaft in 1930, which assaped: Gold, 0.36 ounce; and silver, 16 ounces to the ton; lead, 8.2 per cent; zinc, trace.

The vein pinches and swells, having a maximum width in the shaft of about 24 inches and an average of about 8 inches. Minerals found in this quartz vein nar composed of pyrite, galena, sphalerite, and chalcopyrite. In the drift from the shaft, the vein is narrower, badly broken and warped due to the intrusion of a narrow porphyry dyke. The junction of the two veins, which was the original shaft objective, was not reached before the attempt was abandoned. The No. 4 tunnel on the Waterloo commenced in September was driven ahead for some distance, according to the management, and silver ore encountered. According to the reports, the mine has been closed temporarily and a shipment of combined gold and silver ore is being made to the Trail smelter.

Other mines in the camp, including the Killarney, the Victoria, and the Potosi group, had assessment work done upon them, and continuation of the vein systems developed. During the field season, C. E. Cairnes of the Geological Survey of Canada, spent a short time in the area. More prospecting in his area is justified. The road up from the Innoaklin creek crossing has been improved and it was possible to drive eight miles by automobile. During the very drp season cars and trucks drove eighteen miles to the mine with the assistance of planks with which to cover the wors mud holes.

GREENWOOD DIVISION

WALLACE MOUNTAIN

Bell Mines, Ltd., and Highland Lass

These claims, owned by the Bell Syndicate, have been operated steadily throughout the year by a crew of about 20 men. Shipments of partly sorted, high-grade silver-lead-zinc ore have been made regularly to the smelter and the total tonnage shipved will probably equal, if not exceed, the amount mined and shipped in 1930. The mine appears to be in prst-class condition and sufficient ore is indicated so that, unless some unforeseen calamity happens to the price of silver, the mine will be able to operate profitably for many years to come.

Sally Mines, Ltd.

This group, owned by the Sally Mines, Ltd., employed two or three men under the direction of J. Hamta during the year, and a considerable amount of prospecting for ore was done underground as well.

Wellington Mine Syndicate

At the Wellington mine a small gang of men was employed during most of the yearSeveral shipments of high and medium grade silver-lead-zinc ore was made to the Trail smelter, and the proceeds were used mostly to finance development. Practically all the ore shipped came from depelopment headings and the mine is in particularly good condition, with a large quantity of ore in sight to take advantage of anurise in the price of silver.

Balaclava, Silver Hoard, Hidden Treasure Fraction, Zora May

These claims, situated on Dry creek on the south slope of Wallace Mountain and owned by the Crater Lake Mining company, have been developed by numerous open-cuts and short tunnels on a very slightly mineralized zone which follows the foot and hanging wall of a narrow porphyry dyke and varies in size from ¾ inch to 6 inches in width and contains small, widely separated lenses a few inches in extent, of galena, sphalerite and occasional films of native silver. Nowhere in the workings were any minable widths observed. Recent development consists of a lower tunnel driven 108 feet into the hill and 30 feet under an old 80-foot drift on the floor of which there were supposed to be indications of an ore-shoot. A stringer of ore was found on the dyke contact in the lower tunnel containing similar minerals to those found above, but no bodies of ore found that could be profitablp mined.

Butcher-Bop

From this claim adjoining the Carmi, a shipment of ore was made early in the spring to the Trail smelter which contained values in gold and silver of about $28 a ton. At the present time James Kerrex of Carmi is driving a drift to the west where the vein varies from one foot to five feet in width and mineralized with pyrite containing low values in gold and silver. At the bottom of the shoot shaft and for about 48 feet to the east, higher grade ore was found in a zone varying from 3 inches to 4 feet in width and the carload shipped was mined from this section. The ore appears to rake under the shaft to the west and should sufficient capital be available, the deepening of the shaft can be recommended.

Mogul Mining Company, Ltd.

This company developed the Mogul group on Horseshoe mountain, about 24 miles up the Kettle river from Westbridge (See Annual Report for 1929). A contract was let during the summer to drive a crosscut, with the bottom of the oldvertical shaft on the Mogul as its objective. The tunnel is about 135 feet long with an upraise to the shaft bottom of about 5 feet. About 5 feet in the crosscut a lense of ore was struck which was found to be a comparatively small body of high-grade ore about 4 feet long and 2 feet wide formed against a fault. The crosscut was continued in a southerly direction for about 17 feet on a slightly mineralized fracture and from thence S.56 W. (Mag.) for 22 feet. The last leg of this tunnel was driven under the drift formerly run from the bottom of the shaft in a southwesterly direction in which segregations of ore were found. The new lower tunnel developed a cherty quartz containing segregations of pyrite and scattered pyrite in the quartz-diorite, except in and near the face, where dense pyrite mineralization, lying under a flat fault was discovered. Assays from this later development have not been received, but judging by the appearance of similar types of ore from the same locality it should carry appreciable values in gold. The bodies of ore found [illegible] are not large enough [illegible] considering the [illegible] transportation [illegible] the persistance of [illegible] position, wherever sufficient faulting and fracturing has occurred appears to warrant further development with the hope that tonnage of a high enough grade may be discovered. Work, with a small crew, is being carried on during the winter.

(Continued Next Week)

Brass articles will not tarnish when stored away if wrapped in newspaper to which are attached small bags of camphor.

Pattullo Says Business Men Pray for day To Oust Gov't

VANCOUVER.—"Responsible business men," said T. D. Pattullo, opposition leader in the legislature, addressing a well-attended meeting of the Progressive Liberal association in Majestic hall Tuesday evening, "are seriously concerned over the financial position in which the Tolmie government has delivered this province.

"They are praying for the hastening of the day when opportunity will be afforded to oust from office an administration which has been faithless in its trust, in order that at the earliest possible moment a sane, sensible rehabilitatin of our position may be started."

Since taking office the Tolmie government had spent $130,000,000, said Mr. Pattullo. It had financed much of this outlay by short-term borrowings in New York, now falling due.

"Ot awa Saves Credit"

One maturity of $2,000,000 in October had been met by borrowing from the bank and paying exchange. In November the Dominion government, to protect the country's credit, had had to step in and advance $3,000,000 to meet another obligation.

These two transactions cost the province more than $600,000 in exchange, declared the Liberal leader.

The government owed the bank 10,000,000 and had further large sums payable in New York during the coming year, he said. "It is using trust money and liquor money and every dollar upon which it can lay its hands to meet its current accounts from day to day, and nobody, not even the government, knows how many millions of outstanding accounts there are at the moment," said Mr. Pattullo.

Mr. Pattullo reviewed the steps which had led the province into its present vosition. Prior to 1903 there had been coalitions, which had landed the province in a financial morass.

Tories Wasted Sprplus

Sir Richard McBride's strong party government had stabilized matters for a time, and then by the sale of natural resources had piled up a huge surplus of $9,000,000 in the boom days. This had all been frittered away until in 1916 the last Conservative budget estimated less than $6,000,000 revenue and more than $10,000,000 expenditures.

The eLiberal regime had restored financial stability and had done this in face of a serious depression. Revenues had increased about 10 per cent a year and towards the end tax reductions had been possible. Industrial production in all lines had increased by more than 100 per cen and the population by 200,000.

The Tolmie government had come in harging the former administration with neglect of unemployment and preaching economy. Yet they had increased the expenditures enormously and had carried on an orgy of partisanship, scattering money to the four winds, as if there had been no unemployment.

This was the policy that had led to the present serious situation, he said.

As Viewed by the Man Up a Tree

To a man concealed among the foliage of the upper branches of a tree, and viewing the maneuvers going on beneath him, the conclusion might be arrived at that the activities of the local Tory machine in the civic election was an attempt to strengthen, locally, the most incompetent propincial government British Columbia has ever had. That they succeeded in their work cannot be denied. But it will make no difference in the result of the next general election. The electorate haev a correct measure of the government

Roasting

Instead of sewing, after the dressing has been put in the chicken or turkey, stick a row of toothpicks into both sides, slanting them in the opposite directions. Then lace over these. They are easily removed after roasting.

Shake!

Mrs. Richley—This month is simply glorious. Now I was the end of it would never come.

Mrs. Gwelle—Shake, dearie. We have a lot [illegible] coming due on

His Limit

"What do you think of the proposed 13-month calendar, Jones?"

"Not in favor of it. Twelve rent days a year are all I can stand."

Employment Note

"I am working for an installment house."

"What did you buy?"

A maiden speech—"Ask papa."

Appoint New Heads to C.P.R. Departments

Canadian Pacific Railway Telegraphs Department has with the New Year changed in name to the Department of Communications having supervision over the telegraph, telephone and radio broadcasting services of the railway. To the head of the new department Mr. W. D. Neil is appointed as general manager, vice Mr. John McMillan, retired, and Mr. H. H. Goodfellow takes the position of assistant general manager.

W. D. Neil

Mr. T. Fawcett is appointed General Storekeeper of the Canadian Pacific Railway with headquarters at Montreal and Mr. A. A. Goodchild retires as general storekeeper, Eastern Lines, of the railway.

Mr. Neil joined the service of the Canadian Pacific Railway as an operator at Calgary in 1905, thus rising from the ranks to the highest post in the gift of his department. His first ten years of service were spent in the West and in 1915 he came as superintendent of traffic to Montreal. In 1922 he became assistant manager eastern lines and in 1924 assistant manager western lines. Since 1930 he was assistant general manager of the department and now is promoted chief.

John McMillan

Mr. McMillan became a construction lineman with the Canadian Pacific in 1883 and passed through various grades of promotion in the West until March 1915 when he was promoted manager of Telegraphs at Montreal. He has been general manager, Canadian Pacific Telegraphs since 1921 from which position he now retires.

T. Fawcett

Mr. Goodfellow started with the Canadian Pacific as an operator in 1899 at Vancouver and has been in the West during all his service except for a year in Montreal as traffic superintendent. He had been in Vancouver as superintendent of Telegraphs since 1930 and is promoted from that position to his present post at Montreal.

Mr. Fawcett entered the company's service in 1905 as clerk in the vice-president's office at Winnipeg. Passing through various positions always in the West he became general storekeeper western lines with office at Winnipeg in 1917, from which he is now promoted general store-keeper of the whole Canadian Pacific system with headquarters at Montreal.

A. A. Goodchild

Mr. Goodchild had already a record of work with British commercial firms in London, England and with the Grand Trunk in Canada before he joined the Canadian Pacific Railway as a clerk in the Comptroller's office at Montreal in 1888. By October 1899 he had risen to the position of assistant auditor of disbursements. Similar auditor's appointments followed in 1901 and 1904 until in 1913 he became general storekeeper, eastern lines, from which post he now retires.

The Grand Forks Sun

G. A. EVANS, EDITOR AND PUBLISHER

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FRIDAY, JANUARY 15, 1932

A weekly half-holiday for farmers has been suggested. Some day some one may be foolish enough to start an agitation for a half-day yearly holiday for newspaper men.

About the only sound that that comes from Victoria these days is "drastic economy." Might as well leave the barn door unlocked. The damage has been done, and the noise won't save the government from defeat in the coming election.

The evils of the one-newspaper town is never more glaringly illustrated than when the paper happens to be edited by a peanut, narrow-gauge politician who imagines that he has a license to villify everyone who opposes him.

Sarah Ann Ayres, who was born in a hollow tree in the Richmond district 103 years ago, has just died at Hobart, Tasmania. Her father was 100 at his death. Mrs. Ayres had nine sons and seven daughters, all of whom are living. She also left 75 grandchildren and two great-great-grandchildren.

A university is made up of colleges. The fformer is a more comprehensive term than the latter; but both are misused often in this country. In common acceptance "college" and "university" are interchangeable; but incorrectly so. A college is a school of higher education that is self-governed and confers a degree, usually in only one department of learning. A univers ty is a group of collegs under one administration.

Dogs, wolves, lions, tigers, panthers are great hunters and often when they have more meat than they can eat at a meal they will dig a hole in the ground, put the meat in it, and then cover it with dirt and leaves. Mucb has been written by men trying to explain the difference between animal instinct and human reason. There is a difference in degree certainly, but it is hard to determine at what point instinct stops and reason begins.

Utilizing intense cold at 50 degrees below zero, a process has been perfected by which perishable foods are frozen so that they retain their original fresh flavor and texture for months in a frozen state. Meats, seafoods, poultry, vegetables and fruits are processed by the new method. According to Clarence Birdseye, quick-freezing ninventor, the foods are frozen so quicik that no harmful chemical or organic change can take place in them.

A quarter that was stolen 25 years ago from a bookstore in Muskogee, Okla., by a four-year-old newsboy was returned with interest recently. Mrs. Mary E Thatcher, bookstore manager, received a letter from Argyle, Texas, along with a $2 bill. The letter recounted how, as a newsboy 25 years ago, the writer had seen a 25 cent uiece on top of a counter. The boy took it. The writer of the letter said he justified his action by saying some customer had left it. "But I felt as a criminal or worse as I walked from the store, for I knew better," the letter said.

Magnesium sulphate came into use during the seventeenth century in consequence of the Epsom spa in England, which became famous as a watering place and health resort about 1640, wrote Charles H. LaWall in "Four Thousand Years of Pharmacy." Later in the same century Dr. Friedrich Hoffman found the waters of the Seidlitz spring in Germany to contain magnesium sulphate and so the terms Epsom salt and Seidlitz salt were used to designate this same substance long before its composition had been established.

Nothing is more astonishing to us older physicians in London than the complete disappearance in one generation of a disease which I, as a medical student, saw extensively in hospital practice, namely, chlorosis of young girls, says Sir Ernest Graham Little. This was a serious form of anemia, which choked our outpatient departments with its frequency. Its appearance was practically synchronous with the disappearance of the corset and the greater ffreedom of bodily movements, and the increased enjoyment of outdoor exercise by girls and young women, and it is a singular instance of how fashion may hinder or foster health. The very sensible exodus from London in the autumn and at week-ends is a comparatively modern invention and one contribut to better health and physique.

A BOOK of collections by Sir James Agg-Gardner, who until his recent death heard all of the annual flood of parliamentary words for 54 years, relates two of the funniest (he said "most humorous") things that were said in all that time: A young member, having completed the peroration of a semi-successful maiden speech, concluded, "And now I hope I have made it clear to honorable members opposite that we who sit on this side are not quite such fools as we look!" The other one is not quite so funny but just as humorous. A member hailing from the Emerald Isle, criticizing the parsimonious conduct of the South African war, said, "Is it fair, sir that we should have our sons slaughtered at the front, and then expect them to live on six-pence a day when they get back?"

WHILE digging for gravel in a field at Ballinascadden, Ireland, a workman discovered an ancient sepulcher in an state of preservation. Inside the sepulcher there was an urn which contained the ashes of the dead lying among some snowy, charred bones. The sepulcher has a flat paving stone roof and base, and built up sides with a stone front. The interior was approximately two feet wide by 18 inches deep. The urn, which is slightly cracked, appears to be made of clay. It is 4 inches high and 18 inches in diameter and half an inch thick. It is adorned with several rows of indented markings. About fourteen years ago a farmer found a similar vault less than yards from the above. The vase, or urn, in this was broken by a fall of earth. It is believed there are other vaults in this field, as when the ground was prodded with a crowbar in various places a hollow sound was heard.

THERE were two things in George Tweep's that meant everything to him—his family and his golf. It is really difficult to understand how he managed to find time for both. At any rate, his wife and five children complained of no neglect and his golf score averaged around 78. George had won the right to represent his club in the state golf tournament. During the period preceding the inal matches, Mrs. Tweep presented him with a sixth child. Another man would either have withdrawn from all sports, or would have deserted his family at such a time. George, however, was prepared for the situation. A putting green had been built on the front layn of his home. Thus he could practice and be near the newest Tweep at the same time. One afternoon an appreciative gallery came over to watch George do his putting. From all angles, he tapped the ball into the cup—his skill was little short of amazing. At length de decided to try one more and call it a day. It was a simple six-footer, the kind he had been making all afternoon. He took his stance, held his breath, drew back his putter slowly and brought it forward smoothly. At the moment of impact, from within the house came the disturbing wail of the Tweep infant. George's wrist jerked—the sphere missed the cup by a good three inches! Forcing asmile, George looked around at the gallery. "Too bad;" he said, "I guess it's that new bawl."

THE name silver fox, as commonly used by furriers, includes the dark phases of the ordinary red fox, variously called silver, silver-gray, silver-black or black. The color of the red fox of the northeastern states and of its allies of the colder parts of North America varies from red to black, and these extremes, with the gradation between them, form four more or less distinct phases, known, respectively, as red, cross or patch, silver and black. The silver fox, therefore, is a color-phase of the red fox. It is dark all over, with the silver hairs intermixed, but not red, and the tip of the tail is generally, but not always, white. The guard hairs which give the silver appearance to the pelage are not entirely white, but are black with a white band, and some guard hairs are entirely black.

MY CODE of life and conduct is simply this, George Jean Nathan writes, in the Forum and Century: Work hard; play to the allawable limit; disregard equally the good or bad opinions of others; never do a friend a dirty trick; eat and drink what you feel like when you feel like; never grow indignant over anything; trust to tobacco for calm and serenity; bathe twice a day; modify the esthetic philosophy of Croce but slightly with that of Santayana and achieve for oneself a pragmatic sufficiency in the beauty of the esthetic surface of life. Learn to play at least one musical instrument and then play it only in private; never alladw oneself even a passing thought of death; never contradict anyone or seek to prove anything to anyone unleess one gets paid for it in cold, hard coin; live the moment to the utmost of its possibilities; treat one's enemies with polite inconsideration; avoid persons who are chronically in need, and be satisfied with life always, but never with oneself. An infilite belief in the possibilities of oneself, with a coincidental critical assessment and derogation of one's achievements; self-respect combined with a measure of self-surgery; aristocracy of mind combined with aristocracy of heart; forthrightness with modesty or at least with good manners; dignity with a quiet laugh; honor and honesty and decency—these are the greatest qualities that man can hope to attain. And as one man, my hope is to attain them.

THE death of a 24-year-old Harvard college honor graduate and student at the Harvard Medical school in the Boston City hspital was revealed as the final chapter in an astounding story of a young man who knew form boyhood that he was doomed to die of a certain heart affliction. Alone in a little room set aside for him in the Thorndike Memorial laboratory at the Boston City hospital, he summed up the results of his studies of his own case, and on his detthbed, despite pain, he dictated the last observations of a physician on his most intimate patient in the hope that his record might add to the store of medical knowledge. The young man was Alfred Seymour Reinhart of Dorchester. He worked his way through Harvard and was graduated magna cum laude. First knowledge of the fate that awaited came to him while he was a second-year student at the Boston English high school when an attack of rheumatism damaged a heart valve. During his late undergraduate years at Harvard he became that tiny bits of the scar on the injured heart were breaking off and lodging in the blood vessels. Studying his own case he was convinced that what he might reasonably expect would be a subacute bacterial endocarditis. In its complication a streptoccocus germ permeates the blood system, dissolving the red corpuscles. When the color is dissolved, it becomes diffused through the tissue and frequently appears as bright red blotches on the skin. Medical science knows that the appearance of these blotches is al infallible sign that the patient has only a few months to live and that death is to be painful. It was this peculiar symptom which occurred in Reinhart's case and came last July when he was dining with his sister and brother-in-law at their Dorchester home. Reinhart consulted Dr. Soma Weiss, assistant professor of medicine at the Harvard Medical school. Dr. Weiss set aside the room for him at the Thorndike memorial, and their Reinhart followed his own case, viewing and recording each new pain, each recurring manifestation of the growth and spread of the disease, and setting all down in a record.

ANCIENT HISTORY

LIFE IN GRAND FORKS TWENTY YEARS AGO

The most hotly contested municipal election held in the city in recent years was brought to a close last night. The vote was: Mayor, R. Gaw 116; B. Lequime 106; aldermen, West ward, F. J. Miller 84, Fred Downey 66. A. D. Morrison 43, A. Michener 42, W. Farmer 22; aldermen, ast (by acclamat on), E. C. Henniger, Jeff Davis and H. A. Sheads. John Donaldson was elected school trustee by acclation to replace N. L. McInnes, whose term of office has expired

Dr. J. D. Paxton, Dominion veterinary surgeon, who has been stationed in this district for a number of years, hrs been transferred to Kamloops.

E. Miller, M.L.A., left for Victoria yesterday to attend the session of the legislature.

J. A. McCallum left yesterday for Los Angeles, Calif., where he will spend the next three months for the benefit of his health.

A daily stage line has been put on between Midway and Rock Creek.

Dr. S. F. Tolmie, federal veterinary inspector for British Columbia, was in the city on Tuesday and Wednesday on a [illegible] inspection.

POEMS FROM THE FAR EAST

TURKEY

When the sheets have yonder Torment to their bosom ta'en to rest,
Think I, "Hides the night-adorning Moon within the cloudlet's breast."
In the dawning, O thou turtle, mourn not with those senseless plaints;
In the bosom of some stately cypress th u'rt a nightly guest
Why thou weepest form the heavens, never can I think, O dew;
Every night some lovely rose's bosom fair thou enterest
Hath the pearl seen in the story of thy teeth its tale of shame,
Since the sea hath hid the album of the shell within its breast?
Longing for thy cheeks hath Baqi all his bosom marked with scars,
Like as though he'd cast of rose-leaves fresh a handful o'er his chest.

—Baqi.

Health Service

OF THE

Canadian Medical Association

Edited by

GRANT FLEMING, M.D. — ASSOCIATE SECRETARY

CONSTIPATION

Despite the many exaggerated statements made concerning the ill results of delayed bowel elimination, it can be accepted that regular bowel movement—at least once a day—is desirable.

The process of digestion goes on automatically, and as long as it continues normally, we are not aware of it. We are respnsible, however, for what we eat and for our habits if life. In general, constipation is the result of faulty habits and carelessness, and so the sufferer is himself responsible for the condition.

In most persions, constipation causes a feeling of depression and lassitude. Headaches and loss of appetite are fairly common. Haemorrhoids and irritation of the intestines may result.

It takes time to overcome constipation, but provided there is no abnormal condition which repuires treatment, the condition can, in practically all cases, be overcome by attention to diet and the establishment of systematic habits. It must be clearly understood that, as long as reliance is placed on laxatives and enemas, the condition will not be corrected. Laxatives and enemas should not be used unless they are ordered by the individual's physician as tratment, because they defeat their own purpose when used to deal with chronic constipation.

The diet should be low in protein; fruits, vegetables, and whole grain cereals should be used in abundance. Water should be taken freely. A glass of hot or cold water on rising, in the forenoon, in the afternoon, and in the evening, in addition to the fluids which are taken with the meals, is helpful in many cases.

Exercise in moderation is required. The exercise taken should be of a type which brings the abdominal muscles into play.

The most common cause of constipation is failure to pay attention to the impulse to defecate. long continued delay in responding cause the impulse to be lost. Therefore the most important part is to establish a regular toilet habit.

The taking of food stimulates the intestinal tract, so that a normal time for a bowel movement is after a meal. Such a movement once a day is likely sufficient. It is essential that the individual go to the toilet at exactly the same time every day, whether or not there is a desire to do so, and this must be persisted in until the habit is fimly established.

Not all cases of constipation can be dealt with in the same way. If the bowel is irritated, the use of uncooked foods may make it worse. Such cases require treatment. The cases which do not require medical treatment can generally be corrected by attention to diet and exercise, and the formation of a regular habit.

Questions concerning health, addressed to the Canadian Medical Association, 184 College Street, Toronto, will be answerel personally by letter.

FACTS THAT YOU MAY NOT KNOW

The Invalid

When cooking dishes for the invalid do not season them too highly or flavor them too strongly.

—o—

Apples

To keep apples solid, and to prevent them from rotting, pack them in a box or barrel of sawdust.

—o—

Doors

If the doors stick, try tightening the screws of the hinges. If the screws are too loose, replace them with the next size larger.

—o—

Rugs

To revive the colors in a faded rug or carpet, apply a weak solution of alum and water.

—o—

A Salad

A delicious salad is made of alligator pear, sliced tomatoes, and watercress. Serve with French dressing, or any other favorite salad dressing.

—o—

Jewelry

When cleaning gold or silver jewelry, use a solution of one cup water and one teaspoonful of ammonia. Apply with a clean, soft cloth.

—o—

House Plants

The house plants will thrive if a solution of one teaspoonful of ammonia to one quart of water is given them occasionally.

—o—

Glassware

When drying glassware or silver, use a dry towel. A damp towel will give a dull and cloudy finish.

—o—

Hiccoughs

To bring almost instant relief from hiccoughs, moisten a small quantity of granulated sugar with vinegar and eat it.

SUNSHINE

Magistrate Had "Called The Turn," Unknowingly

The president of the Oxford union completed his term of office and came down to London to see some friends. The friends were congenial, not to say convivial, and in the early hours of the morning the president of the union was found reposing in a wheelbarrow in the middle of Piccadilly circus by a policeman.

Before the magistrate, the president, having very little recollection of what had happened, decided to bluff it out. The magistrate wanted to know why he had chosen a wheelbarrow for a resting place.

The president replied that he was there "for purely valetudinarian reasons."

The magistrate pointed out the offender's lack of responsibility and respect for the court. "You talk," he added, "as if you were—'er, well, president of the Oxford union."

Tnd the president leaned over the dock and in a very soft and tender voice said:

"We are."—London Tit-Bits.

* * *

Timid Wife's Adventure Just Before the Dawn

One of those wives who hate the newspaper business because her journalist husband gets home at 3 o'clock in the morning, was recently given good reason to kick, says the Philadelphia Record.

She was scared out of her home in Drexel Park.

Of a timid nature, she became thoroughly alarmed early one morning when she suddenly awakened, heard a noise in the house, called to her husband and got no response.

Deciring the long-feared burglar had arrived at last, she clutched her two-year-old son under her arm and fled, clad in only her nightie, across the roof into the open bedroom window of her neighbor's twin house.

She explained the situation to her neighbors. When they had calmed her down a bit she decided to be real brave and call her home on the telephone.

A strange, gruff voice answered and she was more certain than ever that a burglar was in her home. Then she learned she had got a wrong number and tried again.

Her husband answered this time.

Imagine his surprise to hear the voice of his wife whom he had every reason to believe was safely tucked away upstairs.

"This is Edith," she said. "Is that you, Carl?"

"Yes, and where the heck are you, and why?" Carl wanted to know.

Then came the dawn.

* * *

Suspicion

Mrs. Jones—And my husband wants some steel wool.

Clerk—This is the best we have, ma'am.

Mrs. Jones (skeptically)—You're sure there's no cotton in it?

* * *

Good Type in Women

"According to reports, Tom has married a girl of the feminine type."

"That's a brake."

* * *

Once there was a philanthropist—or ought to be—who went around buying loads of sand to dump out for children to play in.

* * *

Blandishment hardly ever fools the people it is sought to fool.

* * *

Loud Eating

Novelist Theodore Dreiser said on his return from Russia:

"Even the Soviets don't claim that good manners have improved under their regime.

"I dined one evening in a Leningrad restaurant. A young militant on my left said to a young militant at a nearby table on my right:

"'What are you eating, comrade?'

"'Soup,' said the other militant. 'Are you deaf?'"

* * *

Emancipation

All of the unnecessary suffering in the world could be eliminated by sanity, kindness and tolerance.

* * *

Cooked Its Goose

"Give a person or a thing a bad name and it's just too bad for 'em," remarked the Wise Guy.

"Yeh!" remarked the other. "It's just possible I might have enjoyed eating spinach if I never had been told it was good for me."

* * *

Cruel

Mr. Grump—A woman who really loves a man will make a pie for him now and then.

Mr. Grinn—Yes, and if she really loves him she will give the pie to the iceman and buy another at the bakery.

* * *

Right

"Joe says he bought that house for a song."

"Well, he bought it on notes."

Russia Opens Tractor and Auto Plant

NIZHNI-NOVGOROD, U. S. S. R, Jan. 8.—A lussian mujhik on a tractor and a citizen in a flivver were offered by Soviet officials today as the Soviet's challenge to "capitalists" and their civilization. The occasion was the opening of the country's newest and largest automobile plant in which Ford cars will be made. The plant was completed in record time by United States engineers and opened New Year's day with ceremonies.

Officials hailed the new factory as the beginning of a motorized era in Russia. "When we place the U. S. S. R. at the wheel of an automobile and a mujhk on a tractor," one o cial said, "let the venerable capitalists who boast of their 'civilization' try to reach us."

The factory occupies an area of 300,000 square yards. Around it is being built a new city, about fourteen miles from the old Nizhi-Novgorod, once the great market place for Middle Asia and China.

The new city includes sixty four-storey apartment houses and 178 small houses for workers and their families, as well as the communal kitchens, hospitals, clubs, drinking halls, public baths, laundries, theaters and other institutions which go to make a mod Soviet city

The plant cost $119,00 ,000.

Racing Drivers in Dead Heat Given Same Fi

Two motorists accused of racin through downtown streets. we brought before Thomas V. Holland Kansas City.

"Who won th race?" his hon asked.

"It was a tie," the arresting polic man answered. Neither driver pr tested the decision of the officer the law.

Prizes, therefore, should be equa the judge commented, and the rac should be run again. So he gave eac diver five days and told them to com pete again, this time in a wheelbarro race at the municipal rock quarr

For Shorter Miles

"What's your objection to hiking?"

"I think they put the milestones to far apart."

Husbands Will Be Husbands

"My husband is a deceitfu wretch."

"What's he done now?"

"He pretended to believe me las night when he knew I was lying to him."

Exchange of Compliments

She—If looks could kill, I'd assassinate you with a glance!

He—If looks could kill, it would be suicide for me to look in that mirror.

* * *

CITY REAL ESTATE FOR SALE

Applications for immediate purchase of Lots and Acreage owned by the City, within the Municipality, are invited.

Prices:—From $25.00 per lot upwards.

Terms:—Cash and approved payments.

List of Lots and prices may be seen at the City Office.

JOHN A. HUTTON,

City Clerk.

THE CONSOLIDATED MINING & SMELTING COMPANY OF CANADA, LIMITED

TRAIL, BRITISH COLUMBIA

Manufacturers of

ELEPHANT BRAND Chemical Fertilizers

Ammonium Phosphate
Sulphate of Ammonia
Triple Superphosphate

B. C. AGENTS BURNS & CO. LTD.

Producers & Refiners of

TADANAC BRAND Electrolytic

Lead-Zinc
Cadmium-Bismuth

What the Rural Weekly Press of B. C. Can Offer

THERE are fifty-five regular weekly newspapers in British Columbia. They are published in a widely scattered field in communities with populations of from 300 to 400 to one of 10,000. Sixteen are published in communities of less than 1000 population; fifteen in communities of 1000 to 2000 population; seven in communities of 4000 to 5000; four in communities over 5000 to 10,000. These weeklies appeal to 145,000 of British Columbia's population. The news in these newspapers is mostly all local, because that is what interests the readers, and the advertisements for the most part tell what local merchants are doing. The country editor knows the people he serves; they are farmers, lumbermen, miners, fishermen, prospectors, laborers, all. It is estimated that the average farm family spends $2000 every year for things which are not necessary to raise crops. The total sum that is spent by farmers in the United States for those things with which to live well is the appalling sum of thirteen billion dollars. Seventy-two per cent. of all automobiles sold go to people living in towns and communities of less than 5000 population. Using the same proportionate figures to estimate the buying power of the rural population of British Columbia served by the weekly newspapers of the province, and we have something like 70,000 automobiles purchased by residents of the province in towns and communities of less than 5000 population, and $6,000,000 spent every year by these rural families for things which are not necessary to raise crops. If one is inclined to think that only a few people, and an insignificant few at that, live in country communities served by the weekly newspapers let him study these figures or consult the last census statistics.

Closer Cooperation Between Rural and Industrial British Columbia

Garden Freshness—Always

"SALADA" TEA

251

"Fresh from the Gardens"

Five Years of Fertilizer Tests in the Boundary

By G. L. Landon, District Agriculturist
Grand Forks

The results of fertilizer tests on potatoes, onions and mangels during the past five years clearly demonstrated to farmers in the Boundary districts the value of commercial fertilizers in the production of these crops. Particularly does this apply to the results on potatoes and onions in the Grand Forks district, where adequate water is available from the irrigation system.

The experiments were undertaken in 1927 by the British Columbia department of agriculture in cooperation with farmers through the district. During this period the tests have been made by Messrs. E. J. Hughes, C. C. Heaven. Herb Heaven, B. J. Ralph, J. T. Lawrence, A. H. Pennoyer, W G Chahley. L. J. Goodenough, Oscar Pennoyer, John Price, Alf Price. P. De Wilde. J. B. Markell, A. R. Mudie, C. A. S. Atwood & Son, and P. Tjebbes of Grand Forks; Charles Weed, Joseph Richter. and A. R. Jackson of Midway; Lewis B. Brew, Kettle Valley; A. D. McLennan and W. J. Hatton of Rock Creek, and Joseph Dumont of Bridesville.

The results for 1930 with ammonium, sperphosphate, and a complete mixture are as follows:

Onion Test

Plot No.	Fertilizer Used.	Rate Per Acre. Pounds.	Yield Per Acre. Pounds.	Increase Over Check Plot. Pounds.
1	Triple superphosphate	400	22,800	10,000
2	Triple superphosphate	300	24,000	11,200
3	Triple superphosphate	200	20,000	7,200
4	Ammonium phosphate	400	20,000	7,200
5	Ammonium phosphate	300	18,400	5,600
6	Ammonium phosphate	200	16,400	3,600
7	Ammonium phosphate	300		
	Potassium sulphate	100	20,000	7,200
8	Check plot	.....	12,800	

Potato Tests

Plot No.	Fertilizer Used.	Rate Per Acre. Pounds.	Yield Per Acre. Pounds.	Increase Over Check Plot. Pounds.
1	Triple superphosphate	400	27,666	x 4,444
2	Triple superphosphate	300	23,064	— 158
3	Triple superphosphate	200	20,663	— 2,559
4	Ammonium phosphate	400	32,124	x 8,902
5	Ammonium phosphate	300	28,726	x 5,504
6	Ammonium phosphate	200	25,466	x 2,244
7	Ammonium phosphate	300		
	Potassium sulphate	100	31,266	x 8,044
8	Check plot	.....	222	

Potato Tests in 1931

Plot No.	Fertilizer UUsed.	Rate Per Acre. Pounds.	Yield Per Acre. Pounds.	Increase Over Check Plot. Pounds.
1	Triple superphosphate	400	20,320	6,710
2	2Triple superphosphate	300	22,240	8,630
3	Triple superphosphate	200	17,550	3,940
4	Ammonium phosphate	400	16,278	2,677
5	Ammonium phosphate	300	18,448	4,838
6	Ammonium phosphate	200	15,738	2,128
7	Ammonium phosphate	300		
	Potassium sulphate	100	21,048	7,438
8	Check plot	.....	13,610	

The soils in the test plots varied considerably but were mostly sandy loam with sand and gravel subsoil. Analyses of the soil samples indicates most of the soils in the Grand Forks district are low in nitrogen and phosphoric acid, while those in Midmay and Rock Creek are low in potash.

During the years 1927-2 -29 various fertilizer mixtures were used, while in 1930 cooperative tests were undertaken all over the province and the tests were conducted with triple superphosphate, ammonium phosphate. and a complete fertilizer. The results of the tests are given in the following tables.

In 1927 an application of '00 pounds of an 0-12-10 mixture per acre on late potatoes gave a yield of ten tons 486 pounds per acre with a profit of 34.19 over the check plot. An application of 800 pounds of a 3-10-7 mixture per acre gave a yield of 12 tons 261 pounds per acre with profit of $71.94 per acre over the check plot. The yield of the check plot was 8 tons 1067 pounds. An application of 800 pounds per acre of superphosphate (0-16-0) gave ayield of only 8 tons 1460 pounds per acre.

In 1928 an application of 800 pounds of a 4-10-4 mixture per acre on potatoes gave a yield of 12 tons 1046 pounds per acre with a profit of $31.07 per acre over the chek plot. The same application of a 3-10-7 mixture gave a yield of 12 tons 907 pounds per acre and a profit of $29.48. The same application of an 8-6-5 mixture gave a yield of 13 tons 1288 pounds per acre with a profit of $50.29 per acre.

The average cash profit for the years 1927 and 1928 as a result of using a fertilizer relatively high nitrogen and potash was $61.11 per acre.

Year 1929—Two Tests With Onions

The results for 1929 with onions applying a 3-10-10 mixture at the rate of 800 pounds per acre were as follows:

	Experim't A Pounds	Experim't B Pounds
Yield of fertilized plot	20,590	48,895
Yield of non-fer. plot	16,389	42,407½
Increase	5,201	6,407½

The profit per acre for the 1930 tests was $94.30 for onions and $78.76 per acre for potatoes over the check plots. Incidentally an experiment conducted with mangels that year gave a profit of $82.30 per acre over the chek plot.

The same tests were continued in 1931 as in 1930 with very good results in the case of the potato tests. The onion experiments were not as successful owing to ravages of wireworm, residual effect of previous years' application of fertilizer, and other factors.

The triple superphosphate is a highly concentrated phosphoric acid fertilizer containing approximately 45 to 48 per cent available phosphoric acid. The ammonium phosphate used contains approximately 10-13 per cent available nitrogen and 48 to 51 per cent available phosphoric acid. The potassium sulphate used contains approximately 50 per cent potash and is combined with the ammonium phosphate to make a complete fertilizer containing all three elements.

The results secured in the Boundary districts, particularly in Grand Forks, indicate that the commercial crops grown in the district such as potatoes and onions respond readily to applications of commercial fertilizer providing factors such as soil conditions, seasonal conditions, cultural methods, etc., are satisfactory. That is the reason why th amount of commercial fertilizer used in the district is increasing rapidly, approximately 100 tons being used in 1931.

In addition to increased yield, the fertilized plots showed larger and heavier foliage growth, matured earlier and yielded a higher percentage of marketable potatoes and onions. there being less culls as a rule in the fertilized plots

Cheese

Cheese will not become dry or mouldy if it is yrapped in greased paper or cheesecloth wet with vinegar. It should be kept in a covered dish in a dry cool place.

White Hands

The pure juice of a cucumber is a good whitener of the hands. Apply on the hands before retiring, rubbing on a little cold cream at the same time.

GENERAL NEWS

A new railway record, and a different one, was established recently when John Caesar, called at the Vancouver office of the Canadian Pacific Railway for his jubilee pay cheque. Mr. Caesar has 60 years service to his credit.

Canada's gold production in September hit a new record, being 240,222 ounces, as compared with 225,630 produced in August and 178,291 ounces in September 1930. The Dominion has been a gold-producing country for more than 70 years.

And now the eyes of the world are focussed on that greatest of all travellers, Santa Claus, who seems to have weathered transportation and financial problems once more. Just a good old Christmas custom!

One can vizualise thousands of pairs of skis being waxed, now that the snow is here to stay. Then it will be "All aboard" for Quebec, Banff, Field or Revelstoke, or anywhere where there is a real good hill.

And, speaking of Quebec, Jack Strathdee, who was on loan to Lucerne-in-Quebec last winter, is back at the Chateau Frontenac, Quebec, as winter sports' director, once more, with a lot of good ideas and a smart staff of instructors. Jack is well known throughout Canada. Incidentally he's a fine performer at the piano.

Pacific Coast ports, and indeed shipping circles throughout Canada, are mourning the passing of Captain James W. Troup, aged 76, a native of Portland, Ore., pioneer in coastwise shipping and for 36 years manager of the B.C. coastal service of the Canadian Pacific Railway.

Sino-Japanese war reports are causing more geographies to be consulted than is popularly imagined. Chin Chow, for example is almost as entertaining in its many phases as was its namesake with the prefix "Chu", during the days of 1914-1918. Besides, it's the only war we've got!

The Regina Rough Riders got a rough ride from M.A.A.A., although they earned a whole lot of applause. The Montreal team found them just about the same as the Mustangs, whom they had trimmed also 22 to 0 a week before. Harnessing the gee-gees to the Winged Wheel, so to speak!

"The Four Hundred" has long been synonymous for the people who do the right things. It is fitting, therefore that it should also be the total of the passengers on the first cruise around the world by the new wonder-ship "Empress of Britain", which left New York on December 3.

With the Canadian dollar where it is in the market, there is a marked tendency to keep it at home and many Canadians are spending, or planning to spend, the winter amid the beauties of British Columbia, instead of "going south". Fifteen per cent can mean a whole lot of dollars and the British Columbia coastline is one of nature's most beautiful spots, anyway.

Dressing

When baking extra dressing scoop out the inside of a dry loaf of bread: fill it with dressing. then fasten a thick slice of bread over the opening. It is as delicious as when baked in the fowl.

Unfair

A witness handed the crowd a good laugh the other day in Los Angeles automobile court. It was an accident case and the prosecution was trying to pin the witness to a statement of the actual distance between him and the crash at the time it occurred. The witness was rather vague about it.

"I demand to know,' thundered the lawyer, "whether you were ten feet away, or fifty, or one hundred!"

Finally the witness turned to his honor with a look of anguish on his face.

"Oh. please," he begged, "I ask you, is this fair? I m not a surveyor."

When Baking Cake

When a number of kitchen utensils are required, such as during cake baking, keep the dishpan in the sink, filled with hot water, and as each utensil is used. place it in the hot water. Washing of these articles will be greatly simplified.

Two friends were discussing the various events which had taken place in their lives since last they met—a year ago.

"I've not done anything much at my job," said one. "I took a job as groom, and I've not had a minute's peace since—on the go day and night, and ordered about."

"That's just how I've been treated,' broke in the other.

"You" said the first, surprised. "How can you be putting up with my sort of life? You never took on as a groom!"

"I did,' said the other, gloomily. "I took on as a bridegroom!'

Frying Potatoes

Sprinkle a small quantity of bour on the potatoes before frying them, and it will give them a delicious flavor and make them a rich golden brown.

Salt Economy

When freezing ice cream, the salt can be saved, dried, and used again.

HOLY TRINITY CHURCH

REV. W. J. SILVERWOOD
Rector

Phone 177

Holy Communion—
1st, 3rd. 4th and 5th Sundays at 8 a.m
2nd Sundays in month at 11 a.m.

Morning Prayer and Sermon—
1st, 3rd. 4th and 5th Sundays at 11 a.m

Sunday School—
at 10 a.m. until further notice.

Evening Prayer and Sermon—
at 7:30 except the last Sunday in each month when Evening Service is held in the Parish of Kettle Valley.

NEURALGIA?

A throbbing head will never make you suffer very long, once you learn to rely on the prompt, complete relief that comes with a little Aspirin. It is a blessing to women who suffer from regular, systemic pain; to men who must work on, in spite of eye-strain or headache. Genuine Aspirin tablets with the Bayer cross, like this:

BAYER

MADE IN CANADA

Closets

If a closet is very dark, try painting the inside walls and the woodwork white, and see how much brighter it becomes.

DID YOU EVER STOP TO THINK

That advertising through the printed page has the necessary attractiveness and efficiency of performance that brings profitable results.

History has shown that continuous advertisers have found success, while non-advertisers have always been lagging behind.

Lack of advertising is killing many a business that should show increasing business instead of decreasing business.

Peple have been educated to the fact that well advertised products are the quality kind and thep won't buy any other.

Continuous advertising of quality creates a buying demand which assures the advertiser quicker turnover.

Anp business in this day and time cannot stand still. Progress and competition demand that it move ahead or go out of business.

Continuous advertising of quality and service builds and keeps the confidence of the public. Without the confidence of the public, no business can move ahead.

Continuous advertising is the modern way of building better business. It proves to the public that the advertisers are proud of what they have for sale.

Anything wodth selling is worth advertising.

Advertising is the most egective selling help that can be found, because continuous advertising paves the wap to bigger sales.

Every business having something to sell should advertise continuously so the public may know who they are, where thep are, and what they nave for sale.

Contributed Huge Sum To Assist Employment

C.P.R. Spent more than $11,000,000 on new Branch Lines and station buildings and provided 351,000 days work for men otherwise unemployed. Co-operated by doing work years ahead.

Since the commencement of the existing economic situation the Canadian Pacific Railway has spent a matter of eleven to twelve million dollars in providing work for unemployed Canadians. When it was apparent in the late summer of 1930, that certain areas of southern Saskatchewan were to suffer from almost complete crop failure, the Company took upon itself to assist the people in that territory by beginning the construction of a branch line between Vanguard and Mayronne. This line would not, in the ordinary course of events, have been built for some time, and certainly not at a time when there was no crop available in that particular territory. But the Company desired to give employment to the farmers and their teams in the drought area. The total cost of the line is estimated to be approximately $[illegible],000,000, and this work is still proceeding.

Mr. E. W. Beatty
Chairman and President
Canadian Pacific Ry.

The Dominion Government subsequently undertook considerable work for the unemployment relief, and the Canadian Pacific was called upon to cooperate. This the Company did to the limit of its ability by anticipating works which would, normally, not have been started for a number of years. These works included a number of new branch lines, the building of a new station at Regina, some grade revision in British Columbia, and also the application on various subdivisions of new rail and new rock and gravel ballast. The total cost of these works were estimated at $11,514,000 and, according to agreement with the Government, are to be completed at the end of the current year. It is true that the Dominion agreed to pay interest for a limited period on this capital cost, but after receipt of this interest, the Canadian Pacific will still have expended over $10,600,000 from its own Treasury in order to improve the situation in the country generally. This expenditure has been made at a time when the Company's revenues are suffering severely as a result of business depression. This programme of work, undertaken in order to cooperate with the Government, had given 351,000 days work to individuals otherwise unemployed up to August 31st last, and at September 14th it was estimated that approximately 100,000 more working days would be furnished before the works were completed.

Although the Company has succeeded in making substantial reductions in operating costs, it has hesitated to pursue its policy of economy to the limit out of regard for the serious obligation which rests upon all corporations to give as much employment as possible. While protecting the interest of shareholders as far as is consistent with its duty to the country, the Canadian Pacific has been conservative in its application of measures which would increase the number of unemployed in Canada. Only recently, after experiencing very severe decreases in earnings, have they pared down their forces to the bare essentials necessary for operation.

Power of The Rural Weekly Press

Listen to what John H. Perry, President of the American Press Association, has to say on the influence of the country weekly:

"The force that controls this country of ours, in the long run, is the rural editor. in his capacity as spokesman for hundreds of thousands who live and earn their living on the farms and in the villages and towns.

"It is not necessary to take the writer's word for it Ask any politician whom you know. He will tell you the truth. Ask any representative of the interests—big city bankers, for instance, or presidents of great railroad or industrial corporation.

"The politician. if he is above peanut size, will tell you that he worries little about what the city papers say; but let even half a dozen country weeklies in his home state or district open on him, and he pulls down the lid of his desk at the state capital and takes the next train hime to see what it is he has done to make the farmer sore.

"The Big Businessman, if he is big enough to be entitled to the designation, will tell you that his business is goid or bad depending on how the country people like the way it is run. and that what those country people are thinking he finds out by read ng or having others read for him, what the country papers are saying.'

The Home-Town Newspaper is always ready to Cooperate in giving Service

VICTORIA EVERGREEN PLAYGROUND

Victoria, Canada's evergreen playground, offers a striking contrast to the rest of the Dominion during the winter months, for while all other parts of the country are blanketed in snow, summer never really loses its domination there. The climate is so mild that all kinds of sports, usually subject to seasonal limitations elsewhere in Canada are all-the-year-round recreation, and the beautiful setting of Vancouver Island never loses its charm. Victoria is essentially beautiful, as the accompanying pictures show: (1) The Empress Hotel, the Canadian Pacific Railway's imposing hostelry, headquarters of all social and sporting events and Mecca of thousands who wish to escape the rigors of the prairie winter. (2) The "gallery" at the Crystal Gardens, watering. (3) Bathers in its swimming pool. (4) Butchart's Gardens, once a quarry, but now one of the finest gardens in the world. (5) The famous Malahat Drive, winding for miles through beautiful mountains and (6) A golfer, driving off at the 7th. tee.

AWAY YOU GO ON A VOICE VISIT!

Wouldn't you like to "drop in" at the home of far-away friends? Of course you would. Then why not pay a voice visit? It's so easy if there's a telephone handy, and the sound of your voice would be more than welcome—just like old times!

Your friends may be in the next town or across the continent. No matter! A few words to "Long Distance", and —away you go on a voice visit!

B. C. TELEPHONE CO

Town Topics

The Pentecostal Assembly of this city has purchased the old Great Northern station in the West end and also three lots on Winnipeg avenue near the packing house. The station building will be torn down, and the lumber and material used in the construction of a church building on the Winnipeg avenue site.

Miss Marjorie Kidd returned home on Saturday from a visit to Trail.

The hockey game on the local ice last Friday night between Greenwood and Grand Forks resulted in a victory for Greenwood by a 5-1 score.

The hockey game in Greenwood on Wednesday night between Greenwood and Grand Forks was won by Greenwood by a score of 6 to 5.

The Norris mill in the Ruckle addition on Tuesday commenced cutting the material for the repair of the dam on the smelter site.

John Pyrah left on Sunday for a trip to the coast cities.

In the space allotted Grand Forks in Wrigley's British Columbia directory for 1932, 31 names have been erased as either dead or departed from the city, and 155 new names have been added. In spite of census figures, this would indicate that we are more than holding our own.

The work of tearing down the old Great Northern station in the West end commenced on Monday morning.

CHIRPINGS FROM ROCK CREEK

(By The Sun's Correspondent)

S. T. Larsen, proprietor of the Riverside hotel, has been sick for a few days with a very bad cold.

—o—

Jack Turner of Sidley mountain came down to Rock Creek on Saturday.

—o—

Not seeing Ed Styles for quite a time, the residents had come to the conclusion that he knew that there was going to be lots of snow and possibly had hibernated when the first cold spell made its appearance.

—o—

Rock Creek seemed to be full of people on Saturday. Very few motored in with their cars to watch the debut of the New Year. Perhaps it was owing to the state of the by-roads being blocked up with snow. The main highways arethe only ones open; it will keep many dollars in the not over well filled pockets of the farmer, and save the gasoline bills to an enormous extent.

—o—

The latest fashion in Rock Creek, when you your friends, is not to say, "How do you do?" but "Are you drawing the dole?" or "How much pension are you getting?"

—o—

It was with surprise that we learned that the forestry office at Kettle Valley was closed. Why, we don't know—not only if it is only temporarily, or permanently. But the report is, "Closed," and that the forester has gone to reside in Grand Forks. Everyone seemed to draw a long breath and say, "What's up now? Has the axe fallen here? or what?" Well, perhaps it might have a cat fight in the good old summer time between two deadly opponents who each desire the soft job of office clerk, as the Grand Forks people call it, to be able to put their feet on the table. We also hear that other offices are going to close, too, as times are so bad now.

—o—

The Rock Creek Canyon unemployment camp is looking very dreary and desolate these days. It was a rather fortunate occurrence that the camp was closed down, for it has since been learned that the men were not satisfied with the officers who were put over them. The gookkeeper was very much disliked. Hehad been left in charge of the camp when it closed down,and it seemed as if he was not capable for the position of bookkeeper, for he had to take into the office to help him a cowpuncher from the Douglas Lake district, who had recently arrived here, to help him add up the accounts. The feeling was, "Why did he not take a local person instead of a stranger?" It looks as if the timekeeper readily forgot his friends who helped him in time of need. He was much the topic of the local people, for the outsiders are quick to notice these things—which are remembered at the proper time.

GREENWOOD SAUNTERINGS

(From The Sun's Correspondent)

There has been a most unusual lot of snow in Greenwood this winter compared with previous years, and there should not be a shortage of water next summer, which will be a blessing to many of the people in town

—o—

We are pleased to see that F. J. White, the congenial jeweler, is looking extremely well and happy this New Year. He expects that times will brighten up somewhat this year and that these bad times of depression will vanish and be a thing of the past.

—o—

Mr. Gully was seen yesterday morning visiting some of his pals, extending to them the New Year's greetings.

—o—

Everyone in town was sorry to hear of G. S. Walter's illness. We all miss him so much, and hope that he will be convalescent soon.

—o—

Greenwood has been troubled with much sickness lately. Many of the residents are temprarily on the sick list owing to the bad colds which have been so prevalent the past few weeks.

MIDWAY ITEMS

(From The Sun's Correspondent)

Jock McBeath of Midway spent his Christmas holidays visiting with his sister, who resides in Spokane. Jock always looks forward to his visits with his sister.

—o—

Harry McCarthy and his mother spent a nice, quiet Christmas in town, with many of their friends calling in to see them later in the day.

—o—

Mr. and Mrs. Joe Richter of the Ingram ranch were in town with their children, and visited with Mrs. Hawkes for a time last week.

—o—

Mrs. Lelia Pearce of Trail arrived here a few days ago on a visit to her parents, Mr. and Mrs. James Bush.

—o—

Many of the local farmers find it hard to get to town these days owing to the snow being so deep on the mountain roads.

—o—

Charlie Watson, a Midway rancher, came down to town on Christmas day, and was the gust of Mr. and Mrs. Ernest Hawkes.

—o—

Mrs. Lulu Powers left on Thursday prior to Christmas on a visit to Beaverdell, to spend Christmas with her daughter and son-in-law and grandchildren.

—o—

Miss Brown has returned to town after a most enjoyable visit to Bellingham, where she spent Christmas with her people at home.

—o—

Mr. and Mrs. Croucher of near Midway were in town last week visiting with friends.

Willing Accomplice

He (shyly)—I'm going to steal a kiss.

She—Well, let the crime wave begin.

Writers' Pluck

Sinclair Lewis, at an Algonquin luncheon, praised writers' pluck.

"A writer," he said, "will work two or three years on a book, make 340 out of it, and then plunge pluckily into two or three years' more work on another book."

Worse Luck
The Better Way

"What," exclaimed the facetious guest, "would you separate husband and wife?"

"Only at the bridge table."

Analysis

"Mother, I think I lost a nickel today," said little Dorothy.

"Why," asked mother, "do you only think you lost it?"

"I wanted a dime," replied the child, "but I only asked daddy for 5 cents and he gave it to me right away."

GENERAL NEWS

In 1930 the Canadian Pacific Railway paid out in taxes in Canada $7,447,605 and for the year 1931 its taxes will run to over $7,500,000. This brings the company's total tax payments in Canada from its incorporation to date to more than $121,000,000.

Jim Londos, world heavyweight wrestling champion, on a recent trip into the New Brunswick woods, bagged a black bear, weighing 800 lbs. The animal, wounded by two shots, charged Londos who dropped his rifle and resorted to a knife with which he killed the bear.

Nova Scotia is coming into its own as a holiday province. In 1931 more than a quarter of a million tourists visited the province, the largest number of summer visitors in its history, according to records by Hon. P. C. Black, provincial Minister of Highways.

To have joined the Canadian Pacific Railway at the time of its organization in 1881 and in the last seven years to have examined more men for promotion to engineer rank, than any other employee of the company, is the outstanding record of Albion Maynes, of Toronto, who has just retired from the position of Rule Examiner for the Motive Power department at Montreal.

The Brockville Recorder in a recent editorial urges all Canadians who are figuring on holidaying outside the Dominion this winter to consider the advantages of British Columbia where the Canadian dollar stands at par and where the climate is the equal of any to be found in the United States. Great Britain, the editorial adds, has set the example for Britishers which Canadians should be patriotic enough to follow.

The high reputation of Canad for the pacific settlement of disputes with foreign powers is an example that exerts considerable influence in the councils of the League of Nations and indicates that the Dominion should play an important part in the coming disarmament conference at London, says Colonel David Carnegie, C. B. E., noted lecturer on the promotion of peace, who recently sailed for Great Britain aboard the Duchess of Richmond.

Beginning their first Canadian tour, the ski teams of the Universities of Oxford and Cambridge, arriving at Halifax by Canadian Pacific steamship Montcalm, went on via Montreal to Lucerne-in-Quebec and from thence went to Ste. Marguerite in the Laurentians where they will contest against each other and with Canadian universities. The teams were welcomed at the Windsor station, Montreal by Lord Duncannon, son of the Governor-General, himself an under-graduate of Cambridge University.

Montreal, Windsor station First Aid Police team are the 1931 Canadian Pacific All-Lines champions having defeated the western champions of Nelson, B.C., by 13½ points in the finals recently decided. The Police team have won every First Aid competition in Canada possible for a police team to win, including the Quebec Provincial Championship, the Shaughnessy Shield, representing the championship of Eastern Canada and the Sherwood Shield emblematic of the police championship of Canada.

Scotland Scores Again

The tailor discovered when examining his stock that he had 30-shilling suits.

"I can't sell them at all," he confessed to his friend.

"Why not wrap them up and put an invoice in for five suits at 40 shillings and send them to MacNab?" advised the other sharp business man.

"What will happen then?" asked the tailor.

"MacNab will think that you've made a mistake and buy them at once," the friend replied.

The tailor called on his friend three days later, and his face was white with rage.

"You've ruined me," he cried. "I sent the six suits to MacNab with an invoice for five, and he returned five suits saying he did not order them."

Dangerous

"I've always believed in looking out for number one."

"Yeah."

"And since my wife became that number I'm more careful than ever about looking out for number one."

Ink Stain on Fingers

If the finger tips become ink stained, wet the end of a match and rub it over the stains. Then wash the hands in cold water and the stains will disappear.

Short reckonings make long friends.

YALE HOTEL

Chicken Dinner Every Sunday 5.30 to 8.30 . . . . . 60c

ROOMS All rooms are newly decorated, new carpets, the best beds, hot and cold water day and night. Rates—$1 a night single, $1.50 double. Big reduction in weekly rates Come and see and you will stay.

BURNS' GARAGE

Second Street, Grand Forks, B. C.

DEALERS IN THE

NEW ESSEX CHALLENGER

THE BEST CAR ON THE MARKET FOR THE MONEY

Rare bargains in Used Cars in good condition can always be had at my Garage.

Efficient Repair Work
Union and Imperial Gas

M. H. BURNS, Prop.

Soiled Ovedalls

Grease-stained overalls should be rubbed well with lard, then scrubbed with a stiff brush, using a small amount of ammonia in warm soapsuds. Use one tablespoon of turpentine to each gallon of water if they are spotted with paint.

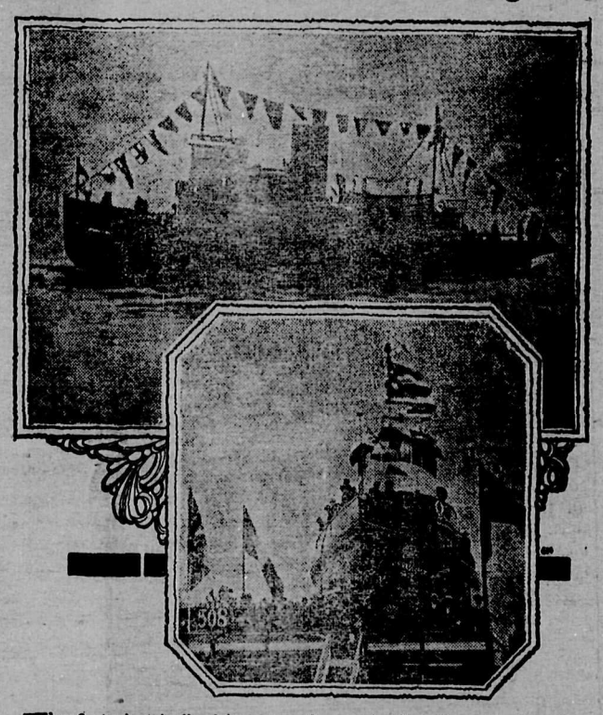
When it is desired to separate the white from the yolk of an egg, break it nto a funnel. The white will pass through and the yolk will remain in the funnel.

Glass Jars

When moving after the winter's fruit is put up, keep the glass jars from cracking and breaking by cutting old inner tubes into sections the length the height of the glasses and by placing the glasses inside of them.

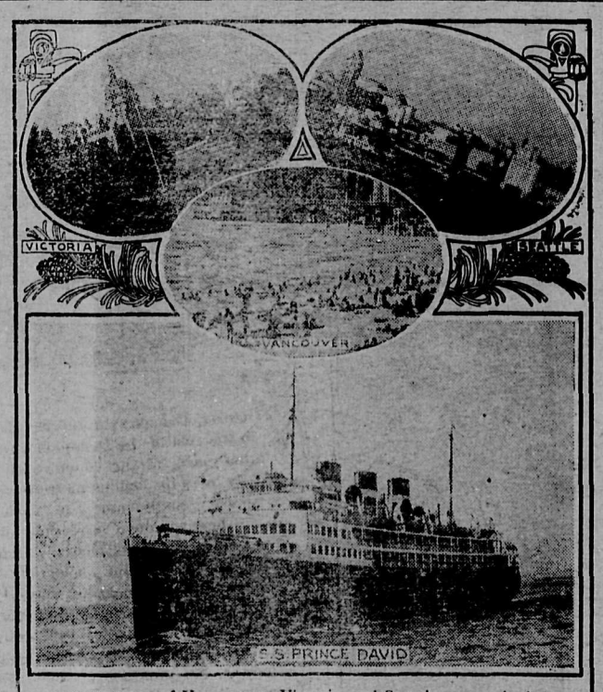
Jus tto prove that he could do it, Medoro Marassi of Gavello village, Italy, has stayed continuously in bed for ten years. Marassi, who is seventy, says he feels more robust and cheerful after his ten years' rest.

Canada's First Electric Tug



The first electrically-driven tug to be built in Canada was launched at Lauzon, Que., recently, when the "Prescotont", Diesel-electric tug for the Canadian Pacific Car and Passenger Transfer Company's service between Prescott, Ont., and Ogdensburg, N.Y., slipped gracefully into the waters of the St. Lawrence after the traditional bottle of champagne had been broken across her bows by Mrs. Duff, wife of M. McD. Duff, manager of the Canadian Pacific Great Lakes Steamship Service. As a pioneer feature in Canadian shipping, the Diesel-electric engines with which the new vessel is equipped, are of special interest to marine engineers. Each of 500 H.P., they are directly connected to twin generators capable of delivering 330 kilowatts, each at 250 volts, when operated at 245 revolutions per minute.

In operation, a car barge with three tracks for 16 hundred-ton cars, will be lashed to the starboard counter of the tug which it will be possible to control either from its own wheel-house or from the bridge of the car barge.



THE Ports of Vancouver, Victoria and Seattle are again being served by the Canadian National Steamships. This service was resumed by S.S. "Prince David," one of the beautiful new steamships constructed during the last winter for the company at Birkenhead, England. Under the new schedule S.S. "Prince David" leaves Vancouver every afternoon at 2 o'clock, reaching Victoria at 5.45 p.m. and Seattle at 10.30 p.m. Returning the ship leaves Seattle at 1 a.m., reaching Victoria at 7 a.m. and Vancouver at 12.15 noon. Excellent accommodation is provided for 334 first-class, 70 third-class and 1,500 day passengers. There is plenty of room for motor cars. The new ship has beautifully appointed public rooms, radio, beauty parlor, barber shop and an automatic telephone service throughout the ship. Next Spring this service will be augmented by S.S. "Prince Robert."

CITY GROCERY

For Staple and Fancy Groceries.
Prices Right.
Try our Bulk Teas and Coffees.

Phone 25 "Service and Quality"

A VOLTAGE REGULATOR

Will keep your Receiver operating at the correct voltage and save you several times its cost in tubes. If your receiver is out of date I can put you in a new nine-tube screen grid Superhetrodyne in your own cabinet. This is the la Radio and fully guaranteed.

FRANK MOORE
Registered Radio Service Engineer
P. O. Box 393 Phone 181R

DONALDSON'S GROCERY

PHONE 30

TRY OUR SPECIAL TEA at.....65c per lb.

SHOES, SHIRTS, OVERALLS GOOD VALUES FOR YOUR MONEY

CALL AND SEE US BEFORE PURCHASING

JOHN DONALDSON
GENERAL MERCHANT

Meet Your Friends At The Imperial Billiard Parlor

POOL AND BILLIARD TABLES
CIGARS ANR CIGARETTES
TOBACCOS AND PIPES
SOFT DRINKS
CANDIES

K. RUITER & CO.

GRAND FORKS
Transfer Co.

DAVIS & HANSEN, PROPS.

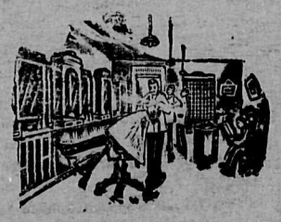
CITY BAGGAGE AND GENERAL TRANSFER

COAL, WOOD AND ICE FOR SALE

PHONE 64

Palace Barber Shop

RAZOR HONING A SPECIALTY

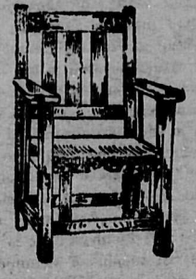


P. A. Z. PARE, Proprietor

FIRST ST., NEXT P. BURNS'

PICTURES

AND PICTURE FRAMING



Furniture Made to Order,
Also Rrepairing of All Kinds,
Upholstering Neatly Done

R. C. McCUTCHEON

WINNIPEG AVENUE

Hard to Tell

Auntie—Sap, Willie, sometimes I don't believe you know on which side your bread is buttered.

Willie—Yeah; sometimes I don't when you butter it, auntie.

Why are there no saints

E. C. HENNIGER CO.

GRAIN, HAY
FLOUR AND FEED
LIME AND SALT
CEMENT AND PLASTER
POULTRY SUPPLIES

GRAND FORKS, B. C.

A. E. McDOUGALL

CONTRACTOR AND BUILDER

Agent
Dominion Monumental Works
Asbestos Products Co. Roofing

ESTIMATES FURNISHED

BOX 233 GRAND FORKS, B.C.

SUPERIOR PRINTING

THE value of well-printed, neat appearing Stationery as a means of getting and holding desirable business has been amply demonstrated. Try The Sun for Good Printing.

WE PRINT—

Wedding Invitations
Dance Programs
Business Cards
Visitin Cards
Shipping Tags
Letterheads
Statements
Noteheads
Billheads
Pamphlets
Price Lists
Envelopes
Circulars
Dodgers
Posters
Menus
Etc.

Latest Styles Types
Swift Presses

THE SUN

Columbia Ave. and Lake Street

TELEPHONE 101

Let Him Have His Way

"Every man is entitled to his own opinion," said Uncle Eben, "but dar ain' any use o' your puttin' yoh own idea of what de time o' day ought to be agin' dat of de gemmam dat's runnin' de railroad train."

Still Waiting

Peck—My wife keeps telling me that I should have a mission in life.

Heck—Then apparently your submission does not satisfy her.

HOLLAND'S FAMOUS RICHLY-FLOWERING DARWIN TULIPS

Our Darwin tulips with extra long stems are remarkable for their long flowering period. Enormously large flowers on strong stems of about three feet in length. Magnificent for beds, edges and for cultivation in pots.

BUY TULIPS NOW DIRECT FROM THE DUTCH GROWER

500 Excellent Darwin tulips in 5 colours—*pink, red, violet, heliotrope, yellow*—100 of each colour and each colour packed separately, POST and DUTY FREE, delivered at your home for only..... $10

Please remit amount per money order:

W. A. DE WINTER, INC., DUTCH BULB GROWERS, HEEMSTEED Holland, Europe