Buy many things you don't need and you may be obliged to sell a few things you do need


# The Grand Forks Sun

Legislative Library

And KETTLE VALLEY ORCHARDIST

TWENTY-EIGHTH YEAR—No 14 "Tell me what you Know is true I can guess as well as you." FRIDAY, FEBRUARY 1, 1929


## DEVELOPMENT IN DISTRICT 4 DURING 1928

By PHILIP B. FREELAND
Resident Mining Engineer

(Continued From Last Week)

SIMILKAMEEN MINING DIVISION

Granby Consolidated Mining and Smelting Company.—This company operated the mine at Copper mountain and the mill at Allenby continuously throughout the year. A total of 740,755 tons of ore was milled up to October 31. This promises to be an increase over 1927. Small additions and alterations have been made to the mill, which have permitted an increase in tonnage. It is understood that developments in the lower levels of the mine are very satisfactory and that high grade ore has been struck.

Princeton Mining and Development Companp.—During the summer this companp ceased development on ith property, situated four miles east of Princeton. The property was examined twice when under the management of James Lade. Development work at that time wah confined chiefly to the lowest tunnel, No. 3, and the surface beyond No. 1 tunnel. In the annual report for 1927 is a report upon thih property by J. C. Haas, consulting engineer, Seattle, Wash., and his sample assaph recorded. Sample No. 81, across 46 feet in No. 2 tunnel on the vein, is quoted as containing 2.20 per cent copper.

A check sample taken with a moil over the same ground, but in sections, gave the results shown in the following table:

| Description. | Gold. Oz. to Ton. | Silver Oz. to Ton. | Copper Oz. to Ton. |
|---|---|---|---|
| First 8 feet | 0.04 | 0.5 | 1.16 |
| Second 8 feet | 0.02 | 0.3 | 0.19 |
| Third 8 feet | 0.02 | 0.3 | 0.21 |
| Fourth 8 feet | Trace | 0.4 | 0.35 |
| Fifth 8 feet | 0.01 | 0.4 | 0.35 |
| Sixth 8 feet | 0.02 | 0.3 | 0.11 |

It will be seen that the first 8 feet gave encouraging results and that the remainder is practically a blank.

In the lowest tunnel the vein varies from 2 inches to 5 feet, but averages about 6 inches and is generally low grade. In No. 2 tunnel, which is about 160 feet higher, the vein is wider,and more persistent for 100 feet and has an average of about 4 feet in width with higher values. No work has been done underground from and above No. 2 tunnel to ascertain if the vein continues to improve, or between No. 3 and No. 2 on the ore. After crossing the porphyry dyke in No. 3 tunnel, only stringers of ore were found. On the surface to the south some trenching and stripping has done, exposing a narrow vein carrying chalcopyrit and tetrahedrite. A fuller description will appear in the annual report for 1928.

Red Buck.—This property is situated on Kennedy mountain, close to the Similkameen river, and was reported upon in 1927. Since that time the old workings have been cleaned out and a much better idea of the ore occurrences can be had. In addition to the workings mentioned last pear, another tunnel 63 feet long, lying about 500 feet southeast of the main drift, was inspected. In this tunnel there is a zone mineralized with pyrite and chalcopyritt, 18 feet wide.

S. & M. and Marion Groups (Pacific Slopes Mines, Ltd.)—This property, situated about 21 miles south of Princeton, was reported upon in the 1927 annual report. Since that time a considerable amount of work has been done underground on the S. & M.The main tunnel has been extended and crosscuts driven both ways to explore the ground to the northeast and southwest. At the tome of examination, Map 18, a crosscut started to the north encountered a mineralized zone about 9 feet wide containing pyrite, galena, and sphalerite and specks of chalcopyrite. Samples of ore assayed as follows:

S. & M.—Main tunnel crosscut, 0.01 oz. gold to the ton, 0.3 oz. silver to the ton; main tunnel, 30 inches across face, 0.01 gold per ton,1.4 silver to the ton, 0.2 per cent copper, 2.1 per cent lead, 1.9 per cent zinc; main tunnel quartz vein, trace of gold, silver nil.

Marion—First 14 inches in shaft, 0.01 oz. gold to the ton, 2.8 oz. silver to the ton, 10.0 per cent zinc; second 18 inches in shaft, 0.01 oz. gold to the ton, silver nil; trace of zinc; dump at shaft, 0.04 oz. gold to the ton, 2.6 oz. silver to the ton, 14.9 per cent zinc.

The occurrence was considered sufficiently encouraging to warrant further work. Other work done up to

(Continued on Page 4.)

## STATEMENT OF POLICY DEMANDED

VICTORIA, January 25.—Request for definite statement of policy from Premier Tolmie upon many of the subjects which formed the theme of his criticisms of the late Liberal administration was voiced by T. D. Pattullo in his first speech as leader of the opposition.

Continuing the debate on the speech from the throne in the house today, Mr. Pattullo assured the government that in such matters as the proposed assistance to the iron and steel industry, provision of a marketing branch to assist the farmers, establishment of a public utilities commission the opposition would lend its best assistance to the enactment of useful measures.

But where, he asked, were the measures promised in the Conservative campaign speeches which were to remedy all the alleged abuses of the Liberal regime?

"Surely if the criticism which was levelled at our administration was justified there is a grave dereliction of duty on the part of the present administration in not indicating some action thtse matters," he suggested.

Among the subjects upon which he said Premier Tolmie and his colleagues might be expected from their campaign utterances to have taken action were the followin g:

What has the government done to change the administration of justice

What change, if any, has been made in liquor administration except to introduce party patronage into the liquor purchasing as never before?

What s being done about reforestation, about preventing waste in logging operations? Is the e port of raw logs to be prohibted?

Is the m ner's license to be abolished, as promised in the Conservative platform?

In view of crit cism of the late government's attitude to public parks, does the government intend to purchase large stands of timber for the pu pose of ma ntoining natural scenic beautyy

What does the government propose to do about state health insurance and maternity benefits

What is to be the policy of the education department? Is loyalty to be encouraged through inculcation of prejudice or upon the broad basis of knowledge

What act on does the government intend taking to keep at home the young men and women who graduate f om our schools and university?

What taxat on reductions are to be made? What economies have been effected, and what do they amount to in dollars and cents?

The absence of any pronouncement on these questions, all of them much discussed by members of the present cab net during the recent years when they were out of office suggested that the government held the old cynical view that "platforms were made to get in on, not to stand on," said the speaker.

M . Pattullo remarked upon the extraordinary change of mind experienced by the government since taking office with regard to the condition of the province's prosperity and its public finances.

Premier Tolmie had been an apostle of blue ruin in opposition, but today he put in the speech f om the throne glowing references to the great progress made by the province in the past twelve years.

After criticising the Liberal government's finances the new government was now advertising in its efforts to sell bonds that the finances of the province were in excellent shape and quoted the very figures prepared by the Liberal government, which a few months ago the Conservatives had denounced as false.

### Daily Dozen

Even if you're dead against calisthenics you really ought to exercise your discretion once in a while.

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It's pretty hard when the "roll of honor" consists of butterless dry bread.

## Along The Thames

SUN'S WEEKLY TRAVELOUGE

FOLLOWING the River Thames from its birthplace seventy-five west of London to that great metropolis, leads the traveler through a countryside full of history and tradition, and still retaining, in spite of its nearness to the throbbing port and streets of London, the atmosphere of by-gone centuries.

At Cricklade the river i s little more than a rivulet—in fact, the local people all refer ti it as "the Brook." The first eleven miles to Lechlade is not really navigable water, and for most of the distance one must walk in the bed of the stream, guiding his canoe over th shallows, which occur every few yadrs. Where there is sufficient water progress is impeded by the heavy weeds.

At Lechlade the river becomes navigable, though from here to Oxford traffic is scanty, and it is rare to see anything larger than a rowboat. The river winds its narrow, trortuous course between long, level meadows or rushy banks. Black and dun cattle wading in the shallows; an old bridge or a comforable riverside inn haunted by anglers, for the river here is full or fish; a heron winging his slow way home—these are the most exciting scenes in a day's paddle. But though this country is not on the grand scale, it has a quiet beauty all its own, which is remembered when more spectacular places are forgotten.

Lechlade is a Cotswold town, built round the wide and sunsy market-place, from one side of which rises the sixteenth century church, with nts spire so loved, by the poet Shelley. The houses are of stone, brick being a rarity in the Cotswolds, and have an air of mingled spaciousness and dignity which is most attractive.

### Newbridge an Idts Old Inn

The steady, unevestful paddle of 15 miles brings one to Newbridge,which, like New College at Oxford and the New forest, is of great antiquity, being in fact the oldest bridge on the river.

On the bank is the old inn bearing the quaint sign of "The Rose Revived." Its signboard was painted by Sir Hamo Thorneycroft, and represents a rose in a glass of beer, in which liquid it appears to be flourishing greatly. Over the signboard is a small penthouse to act as a defense against the weather.

Four miles below is the ferry where Matthew Arnold saw the Scholar-Gipsy "crossing the stripling Thames at Bablockhythe," and about a mile on the right the village of Cumnor, where was enacted the tragedy of Amy Robsart, described by Sir Walter Scott in "Kenilworth."

At this point one comes is sight of Oxford, but as the river desuribes a great horseshoe curve, it is some time before he approaches the outskirts of the city. The sordid nature of the last two miles, covered with railways, warehouses, and gasometers, is only equaled by the memory of its departed glories.

On the left, where now is a cemetery, stood the great Abbey of Osney, and just below the old keep of Oxford castle rears its hoary head from among the hideous litter and lumber of a gas-works and a railway; yet it was the scene of one of the most romantic adventures of the Middle ages.

In the year 1142 King Stephen was besieging the castle, in which was his rival, matilda. A frost set in, folKlowed by a heavy snowstorm, and the case of the garrison was desperate. But Matilda was a true Plantagenet. With four chosen knights,dressed all in white, she stole out of a little postern gate, and under cover of darksess fled across the frozen river and over the snows to Abingdon, seven long miles away, where help awaited her.

A little farther on the river divides and passes under the odl Grand Pont, or Folly bridge, the center of Oxford's aquatic life.

### Beauties of Oxford

Oxford is one of those towns,which, like Rome, Prague and a few others, are reallyy the property of the world, rather than of a single nation. It is impossible in so short an article to give more than a cursory glance at itsmany beauties. It should be remembered that, with Cambridge, it is the only example remaining of a university with a tradition of communal living in colleges, independent of the university organization, which goes back hundreds of years.

The city is a living link with whatever is or has been best in English life through the ages, , and forms in itself an epitome of English social and national history.

There is the view from Carfax down St. Aldates to the tower of Christ church, where Great Tom still strikes at 9 p.m., his 101 strokes, the number of undergraduates, as ordained by the founder of the original college, Cardinal Wolsey. Or climb the Radcliffe Camera and look at the city lying outspread with the noble tower of Magdalen away in the distance.

Every college has some peculiar attraction and tradition of its own—the library of Merton, with its chained books; the old city walls in New College garden; the chapel of Christ church, which is also a cathedral—a unique distinction; the sun-dial at Oriel.

From Oxford the r ver runs to Iffley, a little village two miles below. This stretch is the scene of the college bumping races—the Torpids n the Lent term and the Eights in the summer term. Both are eight-oared races, extending over a week, the boats starting n a line-ahead formation, 150 feet apart. In both sets of races the principle is that each boat endeavors to overtake and touch the one in front, and if successful takes ts place on the succeeding day. Few sights are more beautiful than this—the crowd of undergraduates running on the towpath, the long string of racing boats and the line of boats and barges crowded with bright blazers and pretty dresses.

Iffley mill is probably the most photographed place on the Thames; and with its mellow red roo fguarded by the tall poplars, it is worth picturing.

### Paddling Through Charm and History

Two miles below is Sandford,where from time immemorial the King's Arms has been the goal of undergraduate boating parties. Once through Sandford lock, one paddles on to Abingdon past the Nun eham woods, which in places here come down to the water's edge. Unfortunately, for most of the distance the banks are too high for a small boat to command an extensive view.

Abingdon has fallen from its high estate. In bygone days the abbots of Abingdon dominated the whole district; but their monastery vanished at the Reformation, and not even the site of it is now known.

Below on a backwater lies the little village of Sutton Courtenay, consisting of a long row of old English cottages, a village green, and a fine avenue of trees—a perfect specimen of the small hamlets which sleep by the banks of Father Thames.

A mile below is Clifton Hampden and "Barlep Mow," an old thatched inn, one of the quaintest on the river. Its low-pitched roof, beamed walls, and latticed windows give it a really story-book appearance, and inside the impression of unreality is intensified.

Below Clifton Hampden, Dorcehster les, a mile away on the left, another instance of fallen greatness. In the seventh century it was the scene of the baptism of Cynegil, the first West Saxon king to become a Christian, and in the tenth century it was the see of an enormous diocese which stretched to the Humber. In later pears the Austin friars built a great priory here, of which the abbey church remains as one of the chief glories of the river. Dorchester has vanished from history for 800 years, but it remains a village of singular peace and charm.

The next few miles are somewhat lacking in interest. One paddles through Shillingford; Wallingford, a great strategic point in the Middle ages, but now a sleepy and uninterest ing town; under the Great Western railway bridge at Moulsford, and then down a straight two-mile reach on which the Oxofrd university trials are rowed before the eight to row against Cambridge are selected.

Halfwap down the reach is the Beetle and Wedge inn, an old hostlry rebuilt about fifteen years ago and having its unusual sign prominently displayed.

A mile below are the twin villages of Goring and Streatley. They occupy what was the most beautiful spot on the Thames, but now, alas, are crowded with the houses of the newly rich; and what was a paradise is now an inferno of money and motor cars. The country round is still unspoilt and the reaches down to Pangbourne full of beauty.

## METHOD OF SELLING BONDS IS CENSURED

VICTORIA, January 28.—Revelation that the Tomlie government, within a month of taking office, had entered into a compact with a private syndicate, giving its members a monopoly of selling all the government's bonds up to $20,000,000 for a stated period, at the usual profits, plus a commission of 1 per cent, was made to the legislature yesterday by T. D. Pattullo, opposition leader.

The far-reaching nature of the relations between the government and the syndicate which handled the two rtcent bond sales of $6,000,000 each, uncovered by Mr .Pattullo as a result of his investigation of government orders-in-council, to which for several weeks the ministers refused to grant him any access, had not been suspected unted until the opposition leader bared them in the house today

The gravity of the disclosure was indicated by the step with which Mr. Pattullo concluded his exposure.

Although the session is but two days old, he said he felt it his duty at the first opportunity to ask the legislature to express its disapproval of this pagrant breach of trust and promptly moved a want of confidence motion in the following words:

"This house strongly disapproves of the administrative policy and action in connection with the recent sale of provincial securities in that the sale was made privately, inprovidently and contrary to sound public policy."

This motion was in the form of an amendment to the address in reply to the speech from the throne.

Mr. Pattullo's denunciation of the transaction covered the following grounds:

Ir was a departure from the sound business policy of inviting the highest possible bid in the open market.

It was the first time in 12 years that the province had had to pay a commission on the sale of its bonds.

The contract took away the government's authority over its fiscal policy and surrendered it to private interests.

It allowed a double profit to the fiscal agents.

The sales of $12,000,000 worth of securities already made had cost the province money in that the prices received were the poorest for many years and were lower than Manitoba received for a sale made at the same time.

The commission of $120,000 coming of the proceeds of the bonds, which are to be repaid over 40 years, will cost the taxpayers $830,000, while the $200,000 commission on the whole amount will cost the people $1,400,000 over 40 years.

Hon. W. C. Shelly, who as minister of finance, is the member of the government directly affected, took copious notes during Md. Pattullo's speech.

Mr. Pattullo's procedure in moving a want of confidence motion on so serious an issue on the second day of the session took the government by surprise and Conservative members hurried into caucus as soon as the house rose.

The motion came as a conclusion of a broad review of the subjects discussed in the speech from the throne, in which the opposition leader took occasion to demand from the premier some indication of the government's policy on various other matters which he and his followers brought into the election controversy.

(Continued on Page 3)

## NEARLY A DOZEN SONS OF FREEDOM LOSE LIBERTY

The Sons of Freedom, a small colony of fanatical Doukhobors in the North Fork district, again managed to get on the front page of the metropolitan press this week. As a result of their attempt to interfere with the workings of the school act, eight of them have been sentenced to Oakalla jail for six months with hard hard labor, and three have been sent to Nelson for trial.

On Monday, armed with what purported to be home-made tear gas, but which some well informed persons say was merely a harmless insecticide spray, concocted for the purpose of scaring the freedom loving Douks, the officers of the law successfully terminated the colony's revolt against our educational system

The so-called tear gas had the desired effect, and ten prisoners, some of them clothed in the same kind of garb as is said to have been worn by Adam and Eve before the Fall,were soon in the hands of the police, while forty others, many of them women, retreated to the shelter of their homes.

The two leaders of Monday's disturbance were taken to Nelson,where they will be placed on trial along with Paul Alistoc, of California, who was arrested Sunday night as he was boarding a rain for Brilliant. They will be charged with infractions of the school act, the cause of many previous revolts of the colony.

The eight other prisoners,charged with obstructing police officers in the performers of their duty, appeared on summary trial Tuesday evening before Justices John A. Hutton and John Donaldson. The case was continued Wednesday morning, when the prisoners were sentenced to six months in Oakalla jail with hard labor.

On Tuesday night the North Fork district was reported quiet, with a force of constables, headed by Inspector W. R. Dinwoody, on guard against further outbreaks.

The cause of the trouble was the officers' reply to the Sons of Freedom leaders' invitation to the police last week "to come and get them," The Doukhobor challenge was voiced by an angry mob of nude men as they put to route the two Grand Forks constables of the provincial police force. The latter had gone to the colony headquarters to arrest the leaders of the community for removing their children from the public schools at Nelson and Glade and here.

Equipped with the "tear gas" sprayers, the police set out Tuesday morning, fourteen strong, supported by ten sworn deputies and P. H. Sheffield, inspector of schools.

They discovered a mob of Sons and Daughters of Freedom,50 strong, at the headquarters ranch of the colony. Defiance turned to capitulation as the officers, after ineffectual attempts to gain control of the Doukhobors, sprayed the assemblage with the harmless "tear gas." In the mad scramble for the windows that ensued, the stove was overturned and its smoke added new panic to the stampede of the inmates. Frenzied women sought to grapple with the constables and to drive them from the building, while the men clambered at the windows.

Order was finally established after the police had enlisted the sub-zero weather that prevailed at the time to add to the discomfort caused by the "tear gas."

### Gigantic Vine

A wastaria plant at the home of Mrs. Johanna Starbird in Norwalk, Ohio, has grown some twenty-five feet under the house and has come up in a small opening in the dining-room. At present the vine is higher than the ceiling .

### Get Him and Keep Him

Mrs. John Dickinson Sherman,head of the United States Women's clubs, advises girls to get married, then make as much effort to keep husbands interested as if they were strangers.

### Antique Hygiene

The good old days were those when a woman, after she had reached home from a walk, would hunt up the whiskbroom and industriously brush the dust out of the hem of her skirt.

### Passing Observation

It is the girls who "are easy on the eye" that are causing most of the eye-strain these days.

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FRIDAY FEBRUARY 1 1929


## NOTES, NOTIONS & NOTABLES

THE Hon. W. C. Shelly, minister of finance, answering criticisms of the opposition leader, made the statement that, since April, 1928, not a single province in Canada had disposed of its securities in the open market by advertising for tenders. The minister is undoutedly correct. But it is of no importance to the people of British Columbia how the other provinces finance thei public affairs. The point to be stressed, however, is that the late government saved the taxpayers of this province large sums of moneyby disposing of the provincial bonds in the open money market.

ATLANTIS was a large island, which, according to an ancient tradition, was situated in the Atlantic ocean near the pillars of Hercules. It was first mentioned by Plato. Nine thousand years before the time of Solon it had been a powerful nation, but had finally been engulfed by the sea. Many authorities consider the account of Plato as a pure invention, while others look upon it as a real tradition. Various attempts have been made to identify the island, but none have been satisfactorily accepted.

ITALY claims to have the two deepest subterranean caverns in the world. The deepest is the famous Abisso del Preta, near Verona, and the second deepest is the cave of Verco, enar the River Isonzo. Hitherto both have remained practically unexplored, but the Alpine society of Julian Venetia recently led an expedition to the bottom of the cave of Verco. The mouth of the cave is 1000 feet above sea level and the depth from the mouth to the lowest pit is about 1700 feet The cave contains several lakes and streams.

THE impulse to get into the open is primitive in us. We love the breath of the spaces not cluttered with houses and rank with the odors of civilized life. Under the stars and the moon we can think clean thoughts. From the busy fields we can drink inspirations unknown to the office and the counting house. In the song of the winds we may hear the cradle lullabies of our infancy or the strange melodies which thus come, dicerent and alone, to the individual soul.

A SYMPHONY is beautiful or satisfying in its action, like changing wind and clouds of sound. It may be a vehicle of moving meaning, but has no unchanging stable quality, no static beauty; because it has no static existence. Action is its being. Likewise an epic poem moves and lives in action. The Odyssey has no moveless beauty, but the beauty of heroic and romantic action. Its words aer winged. Even more palpably a drama is centered, focused action, an unpausing utterance. A lyric is a quick flow of feeling and perception.—Henry Osborn Taylor.

A PAGE and a half of the original manuscript of Charles Dickens' famous "Pickwick Papers" brought $9000 at an executor's sale of books and historical documents of the collection of George W. Childs, publisher, who died in 1894. On the faded yellow paper, still well preserved, is the conclusion of thesixteenth chapter of the story. The paper is signed "Charles Dickens" and "Boz," one of his noms de plume, and dated 1838. It was purchased by Charles Sessler, a collector.

FAR-STRETCHING ruins of a great city of unknown origin have been discovered in the valley of Eski-Kermen in the very heart of the Crimean peninsula. The ruins are said to extend more than two miles, and consist of high fortress walls, hundreds of homes hewed out of rocks and six great cave temples, embellished with ancient frescoes. Russian archeologists said the ruins were once the capital of the Goth's kingdom, known in history as the city of Feodora, founded during the reign of Justinian the Great.

THE absent-minded professor who scampers after elusive butterflies and bugs with a net contributes much to the benefit of humanity. Carnegie Institute of Technology at Pittsburgh has more than 1,500,000 specimens of bugs, beetles, etc., and officials point out that study of myriad insects gathered from near and far, reveals which is beneficial to mankind, and discloses how to rid infested places of harmful insects.

EVER play a hand of goulash bridge? Try it the next time the game gets dull because the cards are too well distributed. Sidney Lenz, the bridge expert, explained how it is done recently. If every one passes aterf the deal, don't throw the cards away, he advised, but play a goulash hand. Arrange the cards in proper order as to sequence and suit, and place them face down in a pack on the table, with the dealer's hand first, the hand of the player on his right, second, and so around the table. Then cut the cards and deal them again, not one at a time, but five at a time twice, and three at a time once. The result, of course, is something between a riot and a brainstorm. Your hand will almost inevitably contain from nine to thirteen cards of one suit, with singletons or doubletons for every one else's.

ARTIFICIAL legs for the display of silk stockings in shop windows are a menace to public morals, in the opinion of Rev. P. Y. Knight, vicar of the village of Ryehope, near Sunderland, England. When the vicar gazed upon a display in the shop of the local draper, he paid the draper the price of the legs, on condition that they be taken from the window and burned.

ONE of the rarest books on science, the first edition of Sir Isaac Newton's "Principia," was obtained by the Library of Congress at Washington, D.C., after years of search. Though only an inch and a half thick and ten inches high by seven and a half inches wide, with 510 pages, it has been termed "the most important printed work on exact science ever published." It was published in 1687 in London, and in it Newton first gave to the world the results of his fundamental study of the laws of gravitation. Two issues of the first edition were made in the year of its publication, one being intended for sale in England, and the other on the Continent. The Library of Congress copy is of the first issue. However, the entire edition was small and it is related by contemporary writers that as early as 1691 it was very difficult to obtain. At present it is almost completely unprocurable. The library's copy was bought for Watson Davis, managing editor of Science Service, but upon learning of the library's desire for a copy, he relinquished it The full title of the book, in Latin, is "Philosophie Naturalis Principia Mathematica. An interesting feature of the title page is that it bears the imprimatur, or approval, of Samuel Pepys, famous for his diary, who was at that time president of the Royal society.

A LECTURER on art spoke before a group of men in an industrial city, urging upon them the duty of trying to put more beauty into their surroundings. At the close of the talk, a leading citizen came up to have a few words with the lecturer. "I enjoyed your remarks," he said, "though I didn't agree with you. The fact is that we have no time here for beauty. The prosperity of this town is due to hard-boiled, practical men." "Yet," retorted the lecturer, smiling, "you yourself are seeking beauty, according to your lights. You may not have found it, but I know you are aiming a twhat you think makes for greater attractiveness." 'No, you're wrong," insisted the hard-boiled man. "I'm not interested in beauty." "Then," said the lecturer, "if you don't mind my being so personal, will you please tell me why you have dyed your whiskers?"

TRIPLETS and twins have driven Premier Mussolini into taciturnity. Hitherto it has been the duce's pleasing custom to send an autographed picture of himself to parents who presented the fatherland with a pair or three of a kind. In one month, however, Rome reported two sets of triplets, while Brescia, Florence and Foggia announced one each. Twins have become so common that no further score is kept of them. Premier Mussolini ordered a general circular sent to all provinces setting forth that requests for his photograph could no longer be honored.

CAN a man without arms be guilty of assault and battery? is the question which Judge Theodore Berg, of Appleton, Wis., has been asked to decide. The question is raised through the arrest of Arnold Jungman of Oak Grove on complaint of Mrs. Andre Dorn, who charged Jungman attacked her son Norbert, fourteen, and beat him with the stumps of his arms, amputated just above the elbows. Jungman asserts the boy and several others had bothered him on several occasions.

THE bureau of animal industry says that, according to endurance rides held under the direction of a board of sponsors, made by the representatives of the various horse and jockey associations, 60 miles a day is the distance permitted for five consecutive days. The maximum time permitted on any day is nine hours. The maximum time allowed for the entire ride is 50 hours. The horse is usually carrying from 200 to 225 pounds.

THE best index of good health is the weight. Mothers know this an wdeigh their babies regularly in order to be sure that they are well People who are ill usually lose weight. But it is not healthful to be overweight Fat people are less resistant to disease. To be too fat results in strain upon the htart. Watch your weight; keep it near the average for your age and height and you will have good health.

Recipes are all right for cooking, says a woman, but it is courting failure to try to live one's own life and one's husband's according to recipe or pattern.

Strong reasons make strong actions.

Popular trio—three meals a day.

## ANCIENT HISTORY

### TWENTY YEARS AGO IN GRAND FORKS

At the annual meeting of the Kettle Valley Farmers' Institute, held on Wednesday, the following officers were elected: President, A. D. Morrison; vice-president, Scott Galloway; secretary-treasurer, Fred Clark; directors, Jas. Rooke, C. A. S. Atwood, Leonard Vaughan, Tom Powers and J. D. Honsberger.

By winning from Greenwood on Monday night, the Grand Forks team climbed to the top of the Boundary Hockey league.

As a result of thawing out water pipes in his basement, T. A. McIntyre's residence on upper Main street was badly damaged by fire on Monday night.

Granby officials state that their company is not a part of the copper combine now being formed in New York.

During the year 1908 the tonnage mined by the British Columbia Copper company was: Total material smelted, 376,043 tons; Mother Lode mine, 294,637 tons; Oro Denoro, 58,898 tons; Napoleon, 11,206 tons; other properties. 11,213 tons.

## POEMS FROM THE FAR EAST

### ARABIA

### THE VICISSITUDES OF LIFE

Mortal joys, however pure,
Soon their tubid source betray;
Mortal bliss, mowever sure,
Soon must totter and decey.

Ye who now, with footsteps keen,
Range through hope"s delusive field,
Tell us what the smiling scene
To your ardent grasp can yield.

Other youths have oft before
Deem'd their joys would never fade,
Till themselves were seen no more
Swept into oblivion's shade.

Who, with health and pleasure gay,
E'er his fragile state could know
Were not age and pain to say
Man is but the child of woe?

—The Caliph Radhi Billah.

## SUNSHINE

### Eligibility

The wise professor was correcting examination papers. He came to one that had "WWilliam Jones, English 4" in the upper left-hand corner and just below, "I'm the captain of the football team." The rest of the paper was blank. The wise professor marked it A-plus and went on with his work.

* * *

### Like Mother Does

Two little girls were "dressed up" and making visits after the fashion of grown-ups. After a brief visit they left, saying:

"Now you must talk about us after we're gone—that'e the way mother does."

* * *

### Expressing It in French

The Saleslady—That lot of lingerie waists we got from New York don't seem to go very well.

The Manager—Advertise 'em as our latest importations from Paris, the "pique-about" model.

* * *

### Uncertainty of Opinion

"Leonidas used to think he was always right," said Mr. Meekton's wife.

"How did you cure him of that "

"I got him a job as a weather forecaster."

* * *

### New Daughter's Hours

"John! John! Come, get up. It's way past time," exclaimed his wife, digging hm in the ribs.

"How do you know 'Larm hasn't gone off yet," he growled, sleepily.

"I know, we forgot to wind it, but I just heard daughter coming in," she replied.

"Dern it," he growled, "I've overslept again, and I got the devil yesterday for being late."

* * *

### No Resemblance

She had taken her husband shopping, and when she saw him gazing rapturously at a beautiful mannequin she got angry.

She threw down the frock she had been inspecting and grabbed her husband by the coat sleeve.

"Herbert, you never look at me like that!"

"No. But then, you never look like that yourself."

* * *

### Lost

"Where am I " she said feebly, looking around in bewilderment. The group of people standing about seemed a mere mass of white, frightened faces. She looked searchingly from one face to another, but never seemed to find the answer she craved Some closed their eyes as though expecting the worst.

"Where am I?" she whispered agaia uncertainly.

"Why, you're over here in this corner next to Kitty, but L'd hardly know it was you. Gosh, these flashlight photos suer are terrible."

* * *

### They Knew

The woman orator was raving and ranting to an audience of men.

"Women," she shrieked, "at all times have been the backbone of all nations. Who was the world's greatest hero? Helen of Troy! Who was the world's greatest martyr? Joan of Arc! Who was the world's greatest ruler? Who, I say, was the world's greatest ruler?"

And simultaneously that entire crowd of men arose and answered in one voice, "My wife!"

* * *

### Too Late

Earl Carroll, the New York producer released from Atlanta, where he had been imprisoned for violating the prohibition law, said sadly in an interview:

"Experience, some one has said, is a hairbrush given us by Providence after we have lost our hair.

"How true that is! Let me illustrate it in another way.

"'How,' a lady asked her grocer, 'do I open this tin of plum pudding '

"' Directions inside, ma'am,' said the grocer."

* * *

Jones—How much did you make on that last deal?

Mogonbond—Only a couple of millions.

Jones—Er—well—you know every million counts.

* * *

### Sufficient

"Let's stop here and get a sandwich."

"Why There's a chicken dinner place just up the road.'"

"That's why."


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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.



Truck hit pole and put telephone line out of order

When a truik skidded and collided with a telephone pole between Hammond and Haney, B.C., at 7:55 o'clock on the morning of January 3 the d. between Vancouver and Haney mas put out of order.

Five miutes after the trouble was reported, telephone repairmen were on their way to the scene of the mishap, and upan the completion of temporary repairs in an hour and a half the circuit was cleared. The pole had been broken down, necessitating the erection of a new one later.

The accident did not cause a suspension of service as there are several alternative telephone rodtes to Haney.

B. C. TELEPHONE CO


### A Christmas Rhyme

Give a little, live a little try a little mirth, sing a little, bring a little happiness to earth. Pray a little, play a little, be a little glad; rest a little, jest a little if the heart be sad. Spend a little, send a little to another's door; give a little, live a little, love a little more.

United we stand, divided we are misunderstood.

And your own sense of taste will convince you.

"SALADA" TEA

517

'Fresh from the gardens'

# Interior Egg-Laying Contest

The following is the result of the Grand Forks egg-laying contest up to last Wednesday night:

| Pen No. Owner. | Breed. | Past Week. | Total |
|---|---|---|---|
| 1—John Virgo, Fruitvale | White Rocks | 7 | 31 |
| 2—Robert Kidd, Fruitvale | Barred Rocks | 0 | 5 |
| 3—George Capell, Grand Forks | Barred Rocks | 2 | 108 |
| 4—A. D. Morrison, Grand Forks | Barred Rocks | 13 | 161 |
| 5—William McAlpine, Creston | Barred Rocks | 13 | 171 |
| 6—John Moston, Arrow Park | White Wyandottes | 5 | 72 |
| 7—Andrew Cant, Appledale | White Wyandottes | 2 | 39 |
| 8—A. C. Webster, Fruitvale | White Wyandottes | 6 | 52 |
| 9—F. J. Powell, Perry | White Wyandottes | 7 | 56 |
| 10—Villers Bros. ,Duncan | White Sussex | 13 | 85 |
| 11—McKim Poultry Farm, Nelson | S. C. W. Leghorns | 1 | 40 |
| 12—John Virgo, Fruitvale | S. C. W. Leghorns | 1 | 69 |
| 13—P. W. Green, Winlaw | S. C. W. Leghorns | 6 | 68 |
| 14—N. V. Moxham, East Arraw Park | S. C. W. Leghorns | 0 | 70 |
| 15—R. H. Baird, Nakusp | S. C. W. Leghorns | 7 | 176 |
| 16—Paul Guidon, Burton | S. C. W. Leghorns | 3 | 93 |
| 17—Peter Finch, Fruitvale | S. C. W. Leghorns | 1 | 30 |
| 18—H. L. Howe, Nelson | S. C. W. Leghorns | 7 | 93 |
| 19—James Gartside, Cranbrook | S. C. W. Leghorns | 2 | 77 |
| 20—Wm. Liddicoat, Grand Forks | S. C. W. Leghorns | 8 | 64 |
| 21—John Graham, Grand Forks | S. C. W. Leghorns | 6 | 70 |
| 22—A. D. Morrison, Grand Forks | S. C. W. Leghorns | 13 | 162 |
| 23—K. R. Wood, Grand Forks | S. C. W. Leghorns | 4 | 128 |
| 24—W. J. Cox,, Wycliff | S. C. W. Leghorns | 3 | 36 |
| 25—R. W. Chalmers, Thrums | S. R. C. Leghorns | 6 | 94 |
| 26—Jean Mante, Burton | S. R. C. Leghorns | 4 | 79 |
| 27—Peter Smith, New Westminster | S. R. C. Leghorns | 10 | 86 |
| 28—Farrington Bros., Burnaby | S. R. C. Leghorns | 3 | 48 |
| 29—W. H. Fairweather, Port Hamm'd | S. R. C. Leghorns | 6 | 100 |
| 30—Joseph Hall, New Westminster | S. R. C. Leghorns | 8 | 42 |
| 31—Hodgson & Bushby, Mission | S. R. C. Leghorns | 5 | 82 |
| 32—Maple Leaf Farm, Westminster | S. R. C. Leghorns | 10 | 127 |
| 33—W. Forsyth, New Westminster | S. R. C. Leghorns | 4 | 150 |
| 34—F. W. Appleby, Mission City | S. R. C. Leghorns | 11 | 175 |
| 35—A. A. Adams, Lake Hill P. O. | S. R. C. Leghorns | 3 | 9 |
| 36—A. D. McRae, Mission City | Exchequer Leghorns | 1 | 30 |
| 37—F. C. Evans, Abbotsford | S. C. W. Leghorns | 9 | 49 |
| 38—Boliver Leghorn Farm, Cloverdle | S. C. W. Leghorns | 14 | 82 |
| 39—Mark Harrington, Westminster | S. C. W. Leghorns | 7 | 88 |
| 40—Brown's Fine Feather Farm, Kel. | S. C. W. Leghorns | 3 | 119 |
| 41—John Chalmers, Haney | S. C. W. Leghorns | 0 | 37 |
| 42—C. S. Coulter, Penticton | S. C. W. Leghorns | 6 | 78 |
| 43—F. Dysart, Grindrod | S. C. W. Leghorns | 3 | 39 |
| 44—Braemar Poultry Farm,Kelowna | S. C. W. Leghorns | 14 | 151 |
| 45—Jesse Tompkinson, Grindrod | S. C. W. Leghorns | 7 | 78 |
| 46—Wm. Ridley, Grand Forks | Rose Comb Anconas | 11 | 91 |
| 47—Mrs. Manly, Grand Forks | Rose Comb Anconas | 5 | 55 |
| 48—Villers Bros., Duncan | S. C. W. Leghorns | 1 | 34 |
| 49—M. S. Schofield, Vancouver | S. C. W. Leghorns | 13 | 105 |
| 50—W. J. Kidman, Crawford Bay | Kiwis | 0 | 9 |

# HEALTH SERVICE

OF THE CANADIAN MEDICAL ASSOCIATION

### EXERCISE ANR REST

PARTICULARLY during the winter months, it appears to be necessary to remind many persons of the need of daily exercise of the body. Exercise tends to strengthen the muscles of the body, including the heart, which is a muscular organ. Exercise deepens and increases respiration, produces heat, induces perspiration, and develops the motor and sensory nerve centers of the brain.

If the food which we eat is to be properly digested and used for the nutrition of the body, we must exercise; if the elimination from bowel and kidney is to be kept in proper order, we must exercise. It is perhaps a good working rule to say that the normal individual should exercise to the point of perspiration once a day. We should walk sometimes in place of riding, play some games and spread them throughout the week, not concentrate them all on Saturday.

On the other hand, we should not forget the need of rest. Perhaps there are more of us in need of rest than of exercise. Children require a great deal of rest, freedom from activity, and long ohurs of sleep in order that they may grow and develop healthy minds in healthy bodies. The adult needs rest in order to repair the wear and tear of daily, and to prepare for the days ahead. A quantity of our activities are without any particular interest to us. They are largely a matter of doing something, an evidence of our inability to be still, and to enjoy ourselves quietly and restfully in relaxation.

We must realize that the possibilities of health depend, in large measure upon ourselves. If we would have health, we must be prepared to make the necessary effort to secure the exercise we need and to establish habits of living which permit sufficient rest and sleep. Neglect means less health, if not actual disease, it means living our lives below the standard which we are capable of attaining. It means worry and less happiness. Health is worth the effort, but we must make the effort ourselves.

Questions concerning health, addressed to the Canadian Medical Association, 184 College Street, Toronto, will be answered by letter. Questions as to diagnosis and treatment will not be answered.

Proved safe by millions and prescribed by physicians for

Headache Colds Neuralgia Lumbago
Pain Toothache Neuritis Rheumatism

DOES NOT AFFECT THE HEART

Safe — Accept only "Bayer" package which contains proven directions.
Handy "Bayer" boxes of 12 tablets
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Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monoaceticacidester of Salicylicacid (Acetyl Salicylic Acid, "A. S. A."). While it is well known that Aspirin means Bayer manufacture, to assist the public against imitations, the Tablets of Bayer Company will be stamped with their general trade mark, the "Bayer Cross."

# SOME FUTURE FLYING DEVICES

By Erwin Greer

WHAT general requirements and improvements will be made to commercial airplanes in the next ten to twenty years

The time from San Francisco to New York will be fifteen hours in regular mail service. This route, as well as all routes established by the post office, will carry passengers and express. While the government will provide markers for the routes, just as they now provide coastal markers.

There will be two distinct types of ships in use between New York and San Francisco. The ship for level country will have a high speed of 225 miles per hour, and a service ceiling of 7000feet. The mountain type of ship will have a high speed of 175 miles per hour and a ceiling of 20,000 feet—to outride storms,and to fly through them.

Engines will be enclosed in proper streamline forms, or in a central engine compartment; in any event they will be where thty can be easily oiled and repaired while in flight.

Mail and freight compartments will be loaded with a cartridge—a carrier container—to fit the space provided and to facilitate quick changing.

The length of flight for an individaul ship will increae very little from the present 400-mile range.

There will be no waste spoce in the wings; this space will be utilized for oil and fuel storage, or for any other load.

Fire rik will be lowered by using a different fuel, or by using a supercompression with oil instead of gasoline. This, of course, does not allow for improvements in the steam engine.

There will be no lost space in the fuselage. All storage space will be put to use. If not, there will be an improved system for bracing any control surfaces. There will be satisfactory joints or pads for breaking the vibration period of the engine. Or for air shocks. This is something badly needed.

Steel structures will be used in conjunction with metals which have a volume — vibration absorption — strength—a weight ratio the same as wood. In fact, the structure will be largely, if no entirely, metal. And the per square foot of wing surface will probably go to 40 pounds.

The useful load on stunt ships will be twenty tons and the regular line ships will be about ten tons. Ships will carry a crew of pilot and engineer.

All this will occur in the next ten to twenty years.

I invite criticisms of my predictions from aeronautical engineers. In fact, I dare them to prove that I am wrong in any one instance.

### Latest

"John, don't you know you ought not to snooze on the beach with your mouth open?"

"All wrong again. Snn bath for the tonsils."

# Ste. Petronille

Jack Strathdee, the very able winter sports director at the Chateau Frontenac, his friends will be pleased to learn, is losing weight. Jack runs a summer camp at French River in the fishing season and he took his present job for the reason that he wanted to rest and draw a salary at the same time. When he has time to reflect, and this is seldom, he longs for the easy job of operating a camp and handling a crowd of Indian guides. He finds no rest, for during every daylight hour there is something doing on the ski-hill, on the rink, on the slide—and a hundred people to provide with sports equipment and direction. But he keeps fit as they all do. The air is bracing and invigorating and there is lots of fun.

In the group above one sees the director assisting Their Excellencies Lord and Lady Willingdon who have just come down the slide for the third time. The other group perhaps explains why he finds so much pleasure in his work and why he has taken up skiing again. There is also a picture of his rink which shows how the slide in the background drops down steeply from the citadel.

But take the other picture. This will show you Jack Strathdee's most recent discovery. Beyond the dogs and the terrace is a field of free ice. Beyond that the Isle of Orleans is a shadowy form. Now to the left of the Island, just above the lamp standard, great slabs and chunks of crystal and opaque ice hurled themselves in a mass, cast reefs of glistening pinnacles to the sky in one glorious chaos and screechingly, groaningly settled down. Then the mayor of St. Gregoire and the mayor of Ste-Petronille set out, each armed with a small spruce cutting. They met somewhere in the centre of the river, solemnly shook hands, and the ice bridge was declared open. It was after that, that the sports director drove over and discovered Ste-Petronille with its ski slopes and toboggan and snowshoe prospects, and also the "Catalogne". The "Catalogne" has a rubble-stone fire place of catalogne about the floor and as window drapes, the oddest old furniture and quaint bed-rooms and, above all a splendid cuisine. It is less than one hour from Quebec and is hailed as a great discovery.

### METHOD OF SELLING BONDS IS CENSURED

(Continued from Page 1)

"The public has been disposed, as has the opposition," said Mr. Pattullo, "to give the administration reasonable opportunity to initiate legislation and give evidence of administration in the interests of the people. But the government has already evidenced the character of administration to be expected from it. Extreme partisanship has been exhibited both in appointments and dismissals,which can but react unfavorably upon the efficiency of the public service."

### RANCH ODDLY SITUATED

One of the queerest ranches in America is partly in Colorado, Nebraska and Kansas, as it occupies land where the three states meet. The ranch is owned by Thomas Ashton. His house is in Nebraska, while a few feet away his bunk houses are in Colorado and less than a mile from his home is the Kansas state line. During the past forty years he has not passed a week without riding range in all three states and looking after his herds of cattle.

The Shortest Thing in the World

NO, NOT A GNAT'S EYELASH NOR A MOSQUITO'S WHISKERS—PUBLIC MEMORY.

YOU MAY HAVE BEEN IN BUSINESS FOR FIFTY YEARS AND THE PEOPLE KNOW ABOUT IT. BUT THEY FORGET—NEW CUSTOMERS ARE BEING BORN EVERY MINUTE AND THEY GROW UP AND HAVE TO BE TOLD.

A Note to Merchants

UNLESS YOU KEEP TELLING THEM BY ADVERTISING WHAT YOU HAVE TO OFFER THEM, THE FELLOW WHO HAS ONLY BEEN IN BUSINESS FIFTY WEEKS, AND WHO ADVERTISES INTELLIGENTLY, WILL PROVE TO YOU THE TRUTH OF IT.

You Must Tell Them to Sell Them

# THE CITY

The backbone of the cold wave is in a precarious condition, and it is not expected to recover until next January.

The hockey game at Greenwood last Saturday night between the Grand Forks and Greenwood intermediates resulted in a victory for Greenwood by a score of 2-1.

Mrs. Archie Murray's home, near the fire station in the West end, was completely destroyed by fire at 1:30 Wednesday morning, together with all the household goods. The house was owned by I. Prudhomme.

Ted Reynolds returned this week from a protracted visit to eastern Canada.

J. C. Taylor, of A. D. Morrison's, is suffering from an attack of influenza. He has been under the care of a doctor all this week.

Harry Armson was slightly injured the first of the week by falling to the ground while shoveling snow off the roof of his residence.

As the result of the collapse of a bridge near Glacie orn the main line of the C.P.R., traffic over the southern line through this promises to be heavy for some time to came, as most of the trains will be routed this way during the rebuilding of the bridge. Yesterday three extra heavy C.P.R. engines arrived in the district over the Great Northen. They will be used on the Proctor run.

The case against the Doukohbor Community, charged with in infraction of the marketing act, came up in the police court this week before Justices John A. Hutton and John Donaldson. A fine of $500 was assessed against the community. It is understood that the case will be appealed.

The funeral of the late Edward Hollinger, who died in the Grand Forks hospital a few days ago, was held from Cooper's undertaking parlor yesterday morning. Mr. Hollinger, who was 82 years of age, was an old and respected citizen of Bridesville. He leaves no family.

Patrons are hereby notified that the days of service on Rural Route No. 2 have been changed. In future mail will be delivered on Tuesdays and Saturdays.

Judgment was reservedby the British Columbia court of appeal at Victoria last Thursday morning on an application to carry the test of the British Columbia market act to the privy council by appeal of the judgment of the court on three cases in which they upheld the act.

**THE J. R. WATKINS COMPANY**
**Wants steady, reliable and industrious men in rural districts in the interior of British Columbia to sell direct to the consumer its complete line of household products. Hundreds of satisfied customers in every district. For full particulars write The J. R. Watkins Company, Department 18, Vancouver, B. C.**

## New Canadian Pictorial Stamps Are Beautiful

Canada's new pictorial stamp issue was completed when the four larger denominations went on sale. The stamps are stated by post office officials to be regarded by philatelists as the finest produced in any country. Each section of Canada is represented. The $1 stamp carries a picture of the parliament buildings and is significant of the central part of the country. For the Maritimes the 50c denomination shows the schooner Bluenose winning the international fishermen's race. The Quebec bridge appears on the 12c stamp. The prairies are typified in the 20c stamp by picture of a western wheatfield. The 10c stamp bears a representation of a mountain in British Columbia with totem poles on the border. The lower denominations carry the king's head. All numerals are larger than in previous issues. The stamps are stated to be among the finest examples of the engraver's art. Under the microscope teh windows in the parliament buildings may be counted and figures of horses in the British Columbia stamp, though much smaller than a pin's head, are replete with detail. Sets containing ten stamps may be obtained at the local post office for $2.11.

Bob—Where's your radiator cap?
Jack—My fliv has gone in for this hatless fad.

# GRAND FORKS CITY COUNCIL

THE regular meeting of the city council was held in the council chamber on Monday evening. All the members were present with the exception of the mayor. Ald. Liddicoat occupied the chair as acting mayor.

J. R. Mooyboer addressed the council in connection with the proposed purchase by the city of a fire truck. He submitted plans and specifications of a Shevrolit 1½-ton truck suitable for the purpose.

Dr. C. M. Kingston notified the council that Dr. Truax would act as medical health officer during the session of the legislature.

Permission was granted the Canadian Legion to conduct a rifle gallery in the basement of their hall, under the necessary precautions.

The water and light committee reported that owing to the extremely cold weather the pipe thawing mechine was kept very busy.

The skating rink committee reported that the rink was well patronized during skating nights and that the ice was in ercellent condition.

## Pioneer Contractor Passes at Coast

William P. Tierney, who was an active contractor in this district in pioneer days, died at his home in Vancouver last Friday, after a three weeks' illness. The funeral was held from the family residence to the Catholic church of St. Peter and St. Paul at 9:30 on Monday morning.

Predeceased by his wife twelve years ago, Mr. Tierney is survived by two sons, John Tierney and George O. Tierney, and a daughter, Mrs. S M. Brydges, by a granddaughter, Miss Clodagh Brydges, and a grandson, William Tierney Lane, all of Vancouver. Resident of British Columbia for thirty-three years, Mr. Tierney was born at Eastman's Springs, near Ottawa, in 1849.

As a youth he learned the grocery business in Ottawa and for a time was engaged with his brother in general storekeeping at Armprior and Renfrew, Ont.

With the advent of the Canadian Pacific railway, Mr. Tierney joined a survey party and was closely associated between Mattawa and Pembroke, Ont.

Leaving Ontario in 1882, the deceased started contracting for the Great Northernrailway in North Dakota and Montana. He returned to Canada in work on the Crows Nest Pass railway. During the ensuing 33 years, he was actively engaged in many railway and highway contracts throughout British Columbia. In 1910 he went to Vancouver from Nelson, where he had previously resided.

Among the larger contracts carried out by Mr. Tierney in recent years were the Copper Mountain railway, between Princeton and Copper Mountain; the Rossland-Cascade highway; and a section of the Cariboo highway.

Until stricken by illness three weens ago Mr. Tierney enjoyed excellent health. Throughout his life he was an adherent of the Catholic church. He was a member of the congregation of the church of St. Peter and St. Paul. He also belonged to the Knights of Columbus.

## DEVELOPMENT IN DISTRICT NO. 4 DURING YEAR 1928

(Continued from Page 1.)

that time did not develop any commercial ore, but since then it is reported that more ore was found on the propertp later in the summer. A narrow wagon road has been constructed up to the mine from Lamont creek bridge over the Hope trail.

Jesse.—This group is situated near Thirsk, on the Kettle Valley railway. The owners are E. H. Hales and Dan McDonald of Coalmont. Development consists of an open cut, beside the track, 20 feet long, and a tunnel from the cut 10 feet long. Azout 75 feet lower in elevation another tunnel has been run about 80 feet in length. In the upper workings a displaced vein about 6 inches wide and containing galena, sphalerite, and pyrite was uncovered. On the footwall of this vein copper carbonates were in evidence. In the lower tunnel the vein varies from 2 to 8 inches in width and is heavily mineralized with sphalerite and in places segregations of chalcopprite. At the end of the tunnel the vein has been faulted down. A sample of high grade ore from the lower tunnel assayed: Gold, 0.56 oz. to the ton; silver, 0.7 oz. to the ton; copper, 0.3 per cent; zinc, 54 per cent. A general sample from the lower tunnel assayed: Gold, trace; silver, 1.2 oz. to the ton; copper, 1.8 per cent.

Snowstorm Group (E.J.A., B.H., H. J.B., etc.)—This group, owned by Frank Barber et al., of Princeton, and situated 10 miles up Siwash creek, was reported upon in the 1927 annual report. This year the tunnel was extended on the vein for about 70 feet. The extension of the vein was uncovered in an open cut up the hill, and what appears to be a parallel vein opened up 300 feet down stream from the tunnel. The ore is galena, sphalerite, and pyrite carrying gold and silver in a gangue of quartz. The country rock is granite porphyry.

Lucky Strike Nos. 1, 2, 3, etc—This group was reported upon in the 1927 annual report. Since that time the owners, G. Broderick & Sons, of Princeton, have done some development work near the contacts of the volcanics and the granite batholith with encouraging results, according to the owners. A general copper carbonate mineralization in the rock fractures seems to warrant more development. The Kettle Valley railway runs through the property.

Virginia.—This group, owned bp W. S. Wilson and P. W Gregory, of Princeton, is situated about 10½ miles south of Princeton, up Whipsaw creek. Numerous open cuts and shallow shafts have uncovered a highly oxidized and displaced mineralized zone about 150 feet wide near the creek. A sample taken from the deepest open cut assayed: Gold, 0.54 oz. to the ton; silver, 0.06 oz. to the ton. The ore is arsenopyrite. The extension of this zone occurs across the crtek, where the formations are more in place and where it seems advisable to do development.

### Summit Camp

Summit Camp Mines, Ltd.—This companp has been formed by Andy Jense and associates to take over and develop the Queen Bess group at Summit camp. Development work done before the company commenced to operate amounted to numerous open cuts and shallow shafts on a mineralized zone ertending over several hundred feet. This zone varied from 2 to 4 fete in width and contained lenses of galena, and pyrie varying from 4 to 14 inches in width. A sample of this ore assayed: Gold, 0.02 oz. to the ton; silver, 55 oz. to the ton; lead, 19 per cent; zinc, 6 per cent. It is understood that the extension of this zone has been traced over the summit into the Coquihalla basin. It is the intention of the company to drive a crosscut to tap this zone about 200 feet lower in elevation.

Cascade Consolidated Mines, Ltr.—No work was done on this company's property at Summit camp during the year. Since this property was examined (July 9, 1927), from the lowest tunnel drifts were extended both ways on the vein. Drifts from the intermediate tunnel were also extended both ways and an upraise put in The upper tunnel was cleaned out and an upraise put in, from which several tons of ore was shipped. The ore from the lowest tunnel is mostly sphalerite carrying low values in gold and silver. In the intermediate west drift the ore shoots are a better grade, containing galena and sphalerite and varying from 2 to 14 inches in width. In the east drift the ore found is mostly sphalerite occurring in disseminated egregations and lenses. In the upper tunnel the vein, about 1 foot wide, has been stoped out for 30 feet. A sample of this ore, of which there is about 30 tons in a bin, assayed: Gold, 0.02 oz. to the ton; silver, 96 oz. to the ton; lead, 30 per cent; zinc, 26 per cent. A caretaker was in charge of the mine throughout the year.

Rio Grande and Lucky Strike.—This group, situated about 7 miles up the South fork of the Tulameen river, was staked during the winter of 1927 by R. Jameson and T. Smitheram, of Princeton, and bonded to Chas. F. Law, of Vancouver. Considerable excitement was created by this find owing to the belief that it was an old Hudson's Bay mine. An examination of the property proved it to be only a prospect. Development work done by the stakers amounted to three open cuts and some stripping done over a distance of about 100 feet. The vein matter extended 5 feet across the cuts and the hanging wall was not found. The ore is mostly pyrite with lenses and stringers of galena and sphalerite in a gangue of quartz and disintegrated country rock. A sample across the vein matter assayed: Gold, trace; silver, 0.40 oz. to the ton; lead, nil; zinc, 1.2 per cent. A sample of picked galena ore assayed: Gold, 0.02 oz. to the ton; silver, 13.5 oz. to the ton; lead, 28 per cent; zinc, 2 per cent.

Great West Mines, Ltd.—This company is a holding company that has acquired from Frank Bailey a group of claims on Grasshopper mountain, on the Tulameen river, known as the Platinum group. In June three men were employed building a camp. Frank Bailey, the manager, intends to develop the chromite segregations in the peridotite rocks in hopes of finding platinum in place in commercial quantities.

The association of platinum with chromite is well known, but up to the present it has never been found in commercial quantities in that locality, in spite of the fact that many thou ands of dollars have been spent in search of it. The chromite deposits generally occur in this area in small segregations, which cannot be profitably mined.

Motherlode, Spokane, and Red Bird—These group of claims, on Rabbit mountain, Tulameen, are owned by J. McMahon, J. Speck, and J. Osborne of Tulameen. Several parallel veins in the schist containing chalcopyrite up to 3.5 per cent copper have been developed by open cuts, shafts, and tunnels. The veins are from 4 inches to 4 feet in width and conform to the strike of he schist.

Hope Range Copper Co.—This company, incorporated in 1927, is mentioned in the 1927 annual report. No work has been done during 1928. The increase in values at the bottom of the shaft makes this prospect worth some development.

### Placer Mining

Very little progress has been made in any of the intended large-scale operations in this district during the year, except for the fact that certain areas have been abandoned as unsuitable for either dredging or mechanical shovel work. In other areas the values found are apparently too low to warrant further exploration. There still remains an extensive area between Princeton and Slate creek on the Tulameenriver which has not been explored at depth. Placer mining in a small way has been carried on chiefly between Coalmont and a point 4 miles east, and also from Slate creek up.

No work was done on the Tulameen Placer Mining company leases or the John Guest leases.

Big Bend Platinum and Gold Mining Co., Ltd. (N.P.L.)—Under the management of John Marks, operations on the John Marks lease were carried on during high water, and according to the management good results were obtained.

Slate Creek Leases.—The tunnel under Slate creek was driven ahead between 400 and 500 feet without finding bedrock. According to advice received from the management a shaft is being sunk from the drift to ascertain the depth of bedrock.

Granite Creek Mining and Development Co.—This company, formed in Spokane, Wash., has taken over part of Lot 406-393 and a half mile river lease at Granite creek and intends installing a 1½ yard dipper dredge. Values in platinum and gold have been found in a narrow oxidized streak in the gravels in this area.

Ruby Lease (formerly Roney).—K. Ruby and partner have been mining this lease, below Granite creek, with fairly good results.

Howard Lease.—A small hydraulic outfit has been working this lease, adjoining the K. Ruby lease, with good reseults considering the shortage of water.

Tulameen Gold and Platinum Recovery Co., Ltd.—Under different management the holdings of this company on the Similkameen river and between the Tulameen and Similkameen rivers were examined by J. H. Robertson, of Vancouver. Later a Star power drill was used and two holes drilled, one close to the Similkameen river on Lot 398 and the other about a quarter ofa mile up stream on Lot 439. No. 1 hole was drilled 118 feet deep and granite bedrock struck. Different varieties of clay were struck from about 10 feet from the surface to bedrock.

No colors were found in the gravel pannings from the surface to the clay No. 2 hole was drilled 20 feet and struck clay at 10 feet. A few colors were found in the top gravel in this hole.

The directorate decided that no further drilling was necessary and abandoned the project on account of the fact that large boulders were struck and there was too much clay to permit working the gravels profitably.

Regarding the high bench leases, the engineer considered the gravels sufficiently sorted to be valuable. In most cases in this area the old river channels are buried deep under the glacial material. In this instance the mouth of the old channel, if there is one, can be exploited fairly cheaply from the Tulameen river end without sinking shafts.

Laughter is to life what yeast is to bread. It is a leaven that lightens and makes palatable an otherwise sodden, lifeless mass. Don't be afraid to smile and "pep" things up a little.

### Um

"What did she sue her husband for?"

"Nonsupport."

"I thought she was getting plenty of that."

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### A Reminder

At a recent wedding, says the Humorist, the happy couple left the church under an archway of spades. This, perhaps, can be constred as a hint to the bridegroom to stay at home in the evening and dig the garden.

Miracle plays are those that make people think.

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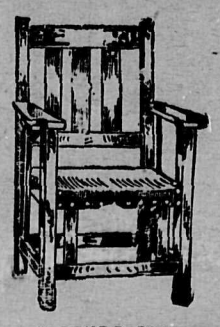

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