VICTORIA, B. C.

THE ADVANCE.

LEGISLATIVE LIBRARY, 1894 VICTORIA, B. C.

Vol. II, No. 8. MIDWAY, BRITISH COLUMBIA, WEDNESDAY, DECEMBER 19, 1894. $2.00 per Year.

W. T. SHATFORD & CO.

We always have on hand a well selected stock of the following goods

Groceries, Clothing,
Dry Goods, Gents' Furnishings,
Boots & Shoes, Hardware, Etc., Etc.

ALL AT THE LOWEST CASH PRICES.

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Fairview and Vernon,

PENTICTON HOTEL

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Good Boating and Fishing. Row Boats and Sail Yachts for Hire.

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Dry Goods, Groceries, Ready-Made Clothing, Hardware, Etc., Etc.
Orders from the Lower Okanagan will receive prompt attention.
PRICES REASONABLE.

VERNON SAWMILL

SMITH & CLERIN, Props.

Manufacturers of

Sashes, Doors, Mouldings, Turnings, etc., etc.

All kinds of Factory Work kept in stock and made to order.
The best of material used.
Coast cedar worked into furnishings a specialty.
Write for prices and discounts.
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Sawmill on Okanagan Lake, handy to shipment.
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MIDWAY SAW MILL
Rough and Dressed Lumber
Constantly on hand at Reasonable Prices.
LEQUIME & POWERS, Proprietors.

E. C. CARGILL AND CO.
ARMSTRONG, B. C.
GENERAL MERCHANTS.

Dealers in Groceries, Dry Goods, Boots and Shoes, Hardware, Clothing, and Supplies of all kinds. A specialty made of Home Cured
HAMS AND BACONS.
Write for prices.
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OFFICE, BARNARD AVENUE.
VERNON, B. C.

FRANK McGOWAN,
SOLICITOR, NOTARY PUBLIC, Etc.
Office, Pound Block, Barnard Avenue,
Vernon, B. C.

COCHRANE & BILLINGS,
BARRISTERS, SOLICITORS AND NOTARIES PUBLIC.
Office: Gilmore's Block, Barnard Avenue
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EDINBURGH UNIVERSITY.
VERNON, B. C.
Formerly on staff of Huntington County, Stockwell Fever and Smallpox, Queen Charlotte's Lying-In, and Victoria Hospitals for Children.

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CONTRACTOR AND BUILDER
Office and Store Fittings a Specialty.

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Plans and Specifications prepared and estimates furnished on all kinds of buildings.

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Irrigation Projects, Engineering and Survey Work, with Plans and Estimates, in Any Portion of the Province, Immediately Attended to.
Maps and Plans of any Portion of Osoyoos District.
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PROVINCIAL LAND SURVEYOR AND DRAUGHTSMAN.
Surveys of Every Description in the Lower Country from the Similkameen to Grand Prairie Immediately Attended to.
Payment will be received either in Cash, Stock, Produce or Labor.

J. C. HAAS, B.S., E. M.,
MINING ENGINEER AND ASSAYER,
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Samples for Assay From a Distance Will Receive Prompt Attention.
Analytical Chemist and Assayer.
GEO. A. GUESS, M. A.,
Honor Graduate in Chemistry and Mineralogy, Queen's University, Kingston.
All Kinds of Assays and Analyses Carefully and Accurately Performed.
ADDRESS
Care of Strathyre Mining Co., *Fairview, B. C.*
TERMS—Gold, Silver or Lead, each $1.50; Gold and Silver, $2; Nickel, $5; Copper, $2; Copper, Gold and Silver, $3. Other prices on application.

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Agent For
The Anglo-Columbian Co., L'td., Wholsale Importers of Wines and Spirits.
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VERNON, B. C.
VIEWS OF THE DISTRICT FOR SALE.

SLOANE-PAINE-RICHMOND CO.,
The Leading
WHOLESALE & RETAIL GROCERS
Of the Northwest,
Spokane, Wash.
SOLE AGENTS FOR
Lipton's Celebrated Ceylon Teas.
Anheuser-Busch Budweiser Beer.
"Diamond" Creamery Butter.
Write Us For Prices on Anything to Eat or Drink.
SLOANE-PAINE-RICHMOND CO.,
o10-3m SPOKANE, WASH.

BRITISH COLUMBIA'S
Pioneer Roller Mill,
"RED STAR."
This Well Known Brand Makes More Loaves of Bread to the Sack than any Other Brand on the Pacific Coast.
SEE THAT YOU GET THE GENUINE.
Manufactured only by
Columbian Flouring Mills Co.,
ENDERBY, B. C.

R. N. TAYLOR,
THE DRUGGIST
(By Exam.)
Vernon
A Full Line of English, Canadian and American
PATENT MEDICINES,
DRUGS AND CHEMICALS,
FANCY AND MEDICINAL SOAPS,
PERFUMERY, BRUSHES,
And all Requisites for the Toilet and Sick Room
Orders by Mail receive careful Attention and Quick Dispatch.
AGENT FOR
B. LAURENCE'S
Spectacles and Eyeglasses

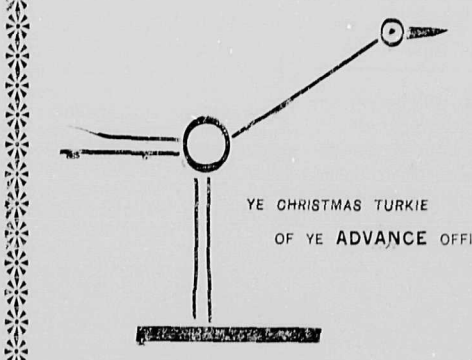
JUST . . .
OPENED
. . . UP!!
J. McNICOL
MIDWAY, B. C.
Large Stock of
GROCERIES,
DRY GOODS,
BOOTS & SHOES
HARDWARE,
MINERS' SUPPLIES.
J. McNICOL.

W. C. POUND,
TAXIDERMIST.
BIRDS, ANIMALS AND FISH MOUNTED IN APPROPRIATE STYLES.
Native Birds and Heads Kept for Sale.
Orders by mail receive prompt attention. Mounting Heads a Specialty.
VERNON, B. C.

G. ARTHUR RENDELL,
General Merchant
BOUNDARY FALLS, B. C.
A Full Stock of
DRY GOODS,
GROCERIES,
MINERS' SUPPLIES,
ALL AT THE LOWEST PRICES.

J. KERR. R. D. KERR.
KERR BROS.,
BUTCHERS,
MIDWAY and BOUNDARY FALLS
Meat delivered at Rock Creek and all the Mining Camps.

F. B. JACQUES,
Watches, Clocks and Jewelry.
Spectacles and Silverware.
REPAIRING A SPECIALTY,
VERNON, B. C.



WISHING YOU
A Merry Christmas
and
A Happy New Year.

HOW "BLINKY" HINCKLY MADE A RAISE.

"Talk er 'bout your snowshoe'en, you feliers hain't in it with old "Blinky" yet. I *reckon one of my old snow*-shoe'en adventures jist er bout caps the cimax fur clean cut danger and at the same time good luck. I'll tell yer all er 'bout it, and it ain't no drop-er-nickel-in-the-slot fake, neither!"

Thus did old "Blinky" Hinckley address hilmself the other night to a crowd of yarn-spinning prospectors in *Denny McCracken's booze shop.* Blinky settled himself down in the chair and propped his number ten hobnails up on the end of a whisky barrel; then taking a large four by six chew of to'acco and crowding it into the side of his mouth until his cheek pouched out *like a misplached banion on an aristo*-cratic instep, he began:

"Yer see, it was this way. I was wint*er*in on Boundary Creek, B. C. I had been prospecting the creek above the mouth of Prior creek, and darin' the winter concluded one day to take *my long Norwegian snowshoes an' go* up to my claim fur the purpose of gitten a few samples. I had ten miles of a trip to make, but plenty of snow with a good hard crust and the job looked to be nuthun. I was gitten on what yer might call swimmingly till I got to *where the mountains began to look* like the heads of the occupants of a front row of seats at a variety show, and the clim'en got too much like hard work to be amuse'en. The snow had drifted into great overhangin' drifts at the head of the gulch an' *looked very treacherous* an' forbod'en.

I was slowly wend'en my way up the gulch, tack'en as it were, *from side to* side. Boundary creek lay below pretty well up to the snow banks. I had just about made the riffle when a loud swish and a dull boom caused me to *look up, an' holy horrors!* the hull top and sides of the mountain had broke loose an' was a slid'en down towards me.

At a glance I saw my only hope was to turn tail and run before it; fur, burren' accidents, I might outrun it, as *I had two miles and a half clean sail'en* below me. I got my slippers turned about an' took straight down the gulch. The gulch was steeper than the slide old Satan was fired out of heaven on, an' my chances wus about even as to my gitt'en out of the course *of the averlanche before it overtook* me. But it was gather'en up momentum the further it come.

Now fellers, talk er 'bout yer greased lightnin' an' sich like things, but 'tain't nowhar to the time I wus mak'en. I remember now of my coat tails whip'en out behind an' a popp'en like a wet sheet in a wind storm. I was jist cutt'en a blue streak through the ozone of the atmosphere, an' felt purty sure of win'en my race, when a glance ahead showed a bunch of snow-cavered bushes rise, an' out popped a large grizzly bear. He'd taken up winter quarters here an' heard the com'en averlanche, an' thinken', perhaps, it was the trump of doom, he didn't want to be ketched nap'en, but he jist got out an' and got down that 'ere gulch as if old Gabriel had sent him a *special message to git there first*, so as to ride in the head wagon at the great parade on judgment day. But as fast as the bear was goin', I was goin' faster. I hadn't time to think or change my course, but right onto him I drav full force. I telescoped the bear and the sudden shock overcame his equilibrium, and give him a double header down the gulch. My snowshoes busted an' I took a series of acrobatic summersets through space an' landed neck deep in a snow driff some two hundred feet furthur down.

Well, the slide didn't stop to laugh, but cum right on, a tear'en up trees an' bowlders an jar'en the earth an' roar'en an' heller'en worser than a hull carral full of Texas steers.

I hustled to get out, but I saw it was no use, the jig was up. "Blinky, old boy," I thought, "you'd better prepare yourself mighty quick for the great beyond; you'll soon pass in yer checks and you'd better make *amends fur yer past misdeeds fur you'll* soon be an angel now. An' I wondered how I'd look an' act in a white robe with a pole pick in one hand an' a harp in the other singin' praises to the great Jehovah.

This, as all stories go, flashed through my mind quicker than it takes to tell it.

I looked at the great roll'en, roar'en, slid'en mass of snow, timbers an' rocks *com'en down on me, an' was jist* er boubt to close my eyes and bid farewell to this mundane shhere, when a large bowlder, in advance of the rest, struck the projection of a small snow-covered cliff which caused it to rickershay an' it cum bound'en across the gulch fer me, jist over my head. Like a flash I thought an' acted. I embraced that passen' rock, an' quicker'n the spoils are licked up from a good fat politicel office I was whipped out of that 'ere driff with sich a sudden jerk like that I left my boots and California socks behind me.

I couldn't hold on to that rock long, as it whirled like a buzz saw an' most tore the shirt off me. But its momentum was so great that when I grabbed it it sent me heavenward, an' sure nuff I felt lik a *real live angel. I saw* the snow slide go by under me an' the last I saw of the bear he was wav'en me a sad good-bye as the slide began to roll him under. Then everything was hidden by the snow dust that always follows a snow slide.

I had been goin' so high all this time that I begun to think that I might be able to warm my bare feet by the street lamps in the city of the new *Jerusalem. Or, worse, I might lose* my grip on the earth entirely, an' be, come a rom'en comet instead of a rom'en prospector, an' have scientific fellers a poken telescopes at me and drink'en in the glory of the iridescent hues an' fantastic shades my pedal extremities would cast as they trailed out behind me flop'en like the fluxes of a whale as I wus look'en for a soft place to land.

The fly'en was all right, but I wus begin'en to entertain some serious apprehenshun as to the land'en. I wus now cum'en down, and jist what the sudden contact with the earth might do I didn't know. But I thought the coroner might come up some day and gather me up with some blott'en paper, and see to it that my remains were burned with the respect worthy of my class.

All to onct I come up kerplunk against sumthen solid, like a head on civilization, which put an accordion pleat in my spinal colum. I thought at first I had struck the top round of Jacob's ladder an' the first feller I'd see would be old St. Peter ask'en me to give an account of myself. But clutch'en blinly about I found I had landed in the top of a tree what leaned away from the course of the slide. I *hit with sich force that I carried the* tree over with me. When I got nearer the ground the resistance of the tree becom greater, an' its toughness was sich that it didn't snap off, an' jist as it was about to rebound I let loose my gripp an' fell gently to earth.

I had hardly gathered myself together when I heard a roar that caused a shudder to creep round my cerebellum, an' look'en through the mist I *saw the grizzly cum'en fur me, bent on* revenge fur the mischief I had done him. "Holy Moses!" I thought, "have I jist passed through seven kinds of deaths to be devoured by a grizzly bear at last?"

Now, when I let loose of the tree it recoiled with a mighty jerk that sprung it from its roots, and the suction caused by the slide carried it down on the bear and struck him a blow that *sunk him clean outer sight, an' all I* heard from him was a few grunts as he disappeared.

I drew a long sigh of relief, like the wail of a mother over a long lost son, an' pulled myself together agen, fur I must say I felt purty badly funct, an' I looked like the frayed ends of a well-worn dish rag. I stood there an' *listened to the dy'en echoes of that* snow slide while the pass'en wind played wisfully with my disheveled whiskers, an' I soliloquised thusly:

"Now, Blinky, are yer out'er luck or in luck? that is the question. You've had the biggest raise of yer life. Now draw the draperies of a rarified atmosphere around yer bare feet and hie yerself to the Boundary saloon. Hyack!"

JACQUE PAXON.

THE ADVANCE.

STUART & NORRIS ..... PROPRIETORS

Published weekly at Midway, B. C.

Subscription Price, $2.00 per annum, payable in advance, either yearly or half-yearly at the option of the subscriber.

Advertising Rates sent on application.

Though the columns of THE ADVANCE are always open for the discussion of matters of public interest and importance, we do not necessarily endorse any of the opinions expressed. Correspondence of a personal nature will not be published.

WEDNESDAY, DECEMBER 19, 1894.

In another column will be found a letter on the subject of hop growing by Mr. H. Dell of Okanagan Mission, in which that gentleman gives an account of his actual experiences in that industry in this section of the Province. In case any further information is desired from the writer by parties interested in hop culture, Mr. Dell will be pleased to furnish it, as far as his experience has gone, through the columns of the press. Mr. Dell, we may state, tried the management sugg sted by the inspector from Victoria on forty poles and it proved a complete failure.

VERNON NOTES.

(From our own correspondent.)

VERNON, Dec. 12.—The diphtheria patients are all well enough to be removed in a few days, and will depart for their homes this week. Dr. Morris, I am glad to say, received word from Mr. W. H. B.-Webster stating there were no cases of diphtheria at Kere. meos, as was reported.

Mr. Robert McDougall died on Saturday morning, and although it was generally known that he was seriously ill, the news of his death gave a shock to the whole community. He was always quiet and retiring, but those who knew him best and were brought into business intercourse with him found his true worth as a man of sterling integrity and everything that goes to make a noble character. He was a native of Lidsay, Ont., and came here some ten years ago. He received the appointment of postmaster on the retirement of Mr. L. Girouard, and filled the duties of the office very capably. The funeral was on Sunday, under the auspices of the Masonic Order of this town, and of the neighboring lodge of Spallumcheen, and was attended by a large number of people from here and surrounding country.

Quite a number gathered at the station this afternoon to see the departure of friends—Mr. W. R. Robertson, who leaves for his home in Godrich, Ont.; Mr. M. C. Davison, who went to the coast; Mrs. Beckingsale and family, on their way to join the doctor in California; Miss Buchanan and Mr. Cryderman, who went east, and Mr. Germain of the Bank of Montreal, who left on an extended trip to the U. S. and the old country. The latter will be very much missed, as his genial manner and obliging disposition made him a general favorite.

Mr. J. A. Mara came in on Monday and went out to-day. The appointment of a new postmaster here was the ostensible reason, although, if I may judge from the amount of shaking during his stay here, the election must be near at hand. The weather remains fine with snow enough for sleighing.

The reading room has now been thrown open to the public. The rooms have been nicely papered painted and and are well furnished with papers, magazines and games. The young men of the town will now have a very comfortable and beneficial place where they can put in a quiet hour during their leisure.

There is some talk of some tableaux being put on the boards shortly for the benefit of the English church here.

The utility and serviceableness of our gigantic waterworks system is to be tested with a sample pump costing no less a sum than $6.25. Before the winter is over, that is if it proves to be a severe one, we may yet be the amused spectators of a procession of the Fire, Water and Light committee, in company with a kettle of boiling water, carried with the express purpose of thawing out the unruly town pump. Vivid recollections float through the mind in which all the water, even to the last drop, has been expended in frantic efforts to thaw out a family pump and that without avail, and what will be the feeling of the people if some day they awake to the realization that the contents of every bucket, pitcher and bowl has been dumped into the kettle, and still the mighty arm of the solitary town pump refuses to be uplifted, and the boiling element failts to penetrate the frozen waterworks system. Surely then there will be a great outcry that shall only be heard by those who some day will be prepared to quench the taxpayers' thirst with a living stream of artesian water brought down from the hills above.

"Mr. E. P. Snydam writes the Reporter from Midway and Boundary Creek, B. C., that a number of sales have recently been made there in which two different Butte, Helena and Salt Lake parties are interested. The prospects of a boom in that section next season are very encouraging and Midway has fine prospects of becoming a mining centre of importance tributary to that country."—Mining and Market Reporter.

The Cozy Shaving Parlor
VERNON, B. C.
The Gilmore Block,
Opposite the Post Office,
Ladies' and Children's hair-cutting and shampooing a specialty.
E. GOODMURPHY, Prop.

W. DALRYMPLE.
General Blacksmith
FAIRVIEW, B. C.
All Kinds of Repairing. Horseshoeing a Specialty.

BOUNDARY FALLS HOTEL.
Centrally Located in the Boundary Creek Mining Camps,
BEST OF LIQUORS AND CIGARS.
CHARGES MODERATE.
Mining Men Personally Conducted to Any of the Camps, or Horses Furnished.
THOMAS. J. HARDY, PROP.

ROCK CREEK HOTEL . . .
MOUTH OF ROCK CREEK.
H. Pittendrigh, Mgr.
FIRST-CLASS ACCOMMODATION FOR GUESTS.
GOOD STABLING
Excellent Fishing on Kettle River.

MARTIN BROS.
LEADING HOUSE FOR
Hardware, Stove, Tinware, Paints, Oils and Glass.
Vernon, B. C.

W. HENDERSON'S
STAGE LINE
BETWEEN
MIDWAY AND GRAND FORKS
CARRYING
Mail, Freight, Express & Passengers.
Connects With E. D. Morrison's Stage to Marcus.
Leaves Midway Wednesdays and Saturdays for Grand Forks and Marcus.
Leaves Marcus Mondays and Fridays for Grand Forks, and Grand Forks Wednesdays and Saturdays for Midway. de12-3mo

Vernon Private College.
VERNON, B. C.
F. ADRIEN MEYER, PRINCIPAL.
SEND FOR PROSPECTUS.
FOR SALE
IN THE BEST LOCALITY ON THE VERNON Townsite, a few acre and half-acre lots, either for building or gardening.
Apply at this office or to
F. ADRIAN MEYER,
VERNON, B.C.

Notice to Contractors

SEALED TENDERS

ENDORSED, "Tender, Gov't Buildings, Midway, B. C." will be received by the undersigned up to 12 o'clock noon on the 1st day of February, 1895, for the erection of a

RECORDER'S OFFICE AND A LOCK-UP AT MIDWAY, B. C.

Each tender must be accompanied by an accepted bank cheque for $200.00, made payable to the Hon. Chief Commissioner of Lands and Works. Such cheque will be returned to unsuccessful competitors, but will be forfeited by any bidder who may decline to execute a contract if called upon to do so. In the event of a contract being let, the cheque will be returned upon the contractor furnishing approved security, amounting to $1,000, for the due completion of the work.

Plans and specifications can be seen and form of tender obtained at the following places: Government Office, Osoyoos; Government Office, Rock Creek; "Advance" Office, Midway; residence of Mr. S. R. Almond, J. P., Kettle River; and at the office of the undersigned.

The lowest or any tender not necessarily accepted.

LEONARD NORRIS,
Asst. Commissioner Lands and Works
Vernon, B. C.,
November 15th, 1894. 7-td

County Court Notice.

SITTINGS of the County Court of Yale will be holden as follows:

At Osoyoos on Wednesday, 10th April, 1895;
At Midway on Saturday, 13th April, 1895,
at the hour of eleven o'clock in the forenoon.

By Command
C. A. R. LAMBLY,
R. C. C.

GOVERNMENT OFFICE, OSOYOOS,
23rd April 1894.

FOR SALE
160 Acres of Land. All Meadow,
BETWEEN Sixty and Seventy Acres Cleared and Drained. Six miles from Camp Kinney. One Mile from waggon road.
Apply ADVANCE OFFICE.

FOR SALE CHEAP
Billiard Table,
Pool Table.
Both These Tables are Complete and In First Class Condition.
APPLY TO
R. McINTOSH, Vernon,
Or the ADVANCE OFFICE,

THE
CYANIDE PROCESS
HAS BEEN A
GREAT SUCCESS
In Africa, Australia, America, and also in Canada, including the Province of British Columbia.
It Will Not Cost You more than $4 per ton to extract from 90 to 96 per cent of the assay value of your ores. Send samples to us and we will report thereon free of cost, provided freight is prepaid. Call and see us or write to
The Cassel Gold Extracting Co., Ld.,
W. PELLEW HARVEY, F.C.S.,
SUPT. EXPERIMENTAL WORKS,
sp19 VANCOUVER, B. C.

FOR SALE
BENVOULIN HOTEL
OKANAGAN MISSION, B. C.
This is a splendidly finished house inside and out, almost new, with good stable and out buildings, is centrally located in the valley and commands a good trade. It stands on its own grounds of two and a half acres in extent, and is a good investment.
ALSO A FIRST-CLASS
BLACKSMITH SHOP
WITH
COMPLETE OUTFIT OF TOOLS.
This building is two storeys high and stands on its own ground of half an acre in extent, and is in a commanding business position.
FOR TERMS APPLY TO
D. NICHOLSON,
OKANAGAN MISSION.

H. C. COOPER
MANUFACTURER OF
Harness and Saddlery
VERNON, B. C.

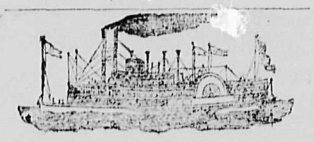
SECURE YOUR
TURKEYS
FOR
XMAS
MRS. H. P. PALMERSTON,
MIDWAY, B. C.

D. McDUFF,
General Blacksmith,
MIDWAY, B. C.
All Kinds of Work Executed to the Satisfaction of Customers.

E. G. SHERINGHAM.
EXPRESS LINE
between
Osoyoos, Rock Creek, Boundary Creek and Grand Prairie,
GOING WEST
Leaves Grand Prairie (North Fork, via McLaren's) on Wednesday morning, arriving at Osoyoos Thursday evening.
GOING EAST
Leaves Osoyoos Friday morning, arriving at Grand Prairie Saturday evening.

GRAND FORKS
HOTEL
KETTLE RIVER, B. C.
Stages to Marcus, Wash., and Midway, B. C.
Every Attention Given to Guests.
J. L. WISEMAN, Prop.

GOLD COMMISSIONER'S NOTICE.
Osoyoos Division of Yale District,
All placer claims and lease holds in this district legally held may be laid over from the 1st of November, 1894, to the 1st of June, 1895.
C. A. R. LAMBLY,
Gold Commissioner.
OSOYOOS, B. C.,
27th October, 1894.



CANADIAN PACIFIC RAILWAY,
The World's Highway from Atlantic to Pacific
STEAMER ABERDEEN
LEAVES PENTICTON
TUESDAYS, THURSDAYS and SATURDAYS at 8 a.m., Connecting at
OKANAGAN LANDING
With Trains for the East and West
Through First-Class Sleeping Cars Daily Between Vancouver and Montreal and St. Paul.
Through Tickets on Sale to Eastern and Pacific Coast Points.
Rates Lower Than Any Other Line
For Rates, Time &c., Apply to
H. S. SCADDING,
AGENT, PENTICTON
OR TO
G. M'L. BROWN,
DIST. PASS. AGENT,
VANCOUVER, B. C.

SPOKANE FALLS
and
NORTHERN RAILWAY
Nelson & Fort Sheppard Railway
ALL RAIL TO NELSON, B. C.
Only through line to Nelson, Kaslo, Kootenay Lake and Slocan Points.
Through Trains Semi-Weekly.
Daily, except Sunday, between Spokane and Marcus.
7:00 a.m. Lv.....SPOKANE.....Ar. 5:30 p.m.
On Wednesdays and Saturdays trains will run through to Nelson, arriving at 5:40 p.m., making close connection with the steamer Nelson for Kaslo and all lake points, arriving at Kaslo at 9:00 p.m. same days. Returning, passengers will leave lake points and Nelson on Tuesdays and Fridays, arriving at Spokane same day.
Passengers for Kettle River and Boundary Creek connect at Marcus with stage on Mondays, Tuesdays, Thursdays and Fridays.
aug15tf

CANN & CO.,
BOOKSELLERS, STATIONERS
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MUSICAL INSTRUMENTS,
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Needles for All Makes of Sewing Machines Kept in Stock.
Mail orders from the Lower Country will receive prompt attention.
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VERNON, B. C.

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GOOD STABLING
Horses and Buggies for Hire.

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Stages Leave every Monday and Wednesday for Marcus, Wash.

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First-class accommodation for Commercial Travellers.
Hunting and Fishing in abundance through this district.
Pack Horses and Guides furnished to Sportsmen on shortest notice.

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Keeps the Largest and Best Assorted Stock of
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SIR DONALD A. SMITH, Pres. HON. GEO. E. DRUMMOND, Vice Pres.
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SAVINGS BRANCH.
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VANCOUVER, B. C. AND VERNON, B. C.
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The Vernon Livery
Feed and Sale Stables.
Having taken over the stables of Gallagher & Stevenson, and thoroughly overhauled and refitted the premises, I am prepared to meet the demands of the public. I have on hand a complete stock of new rigs, (double and single) for public use, and also a good lot of well broken carriage and saddle horses.
Tourists desiring to see the country would do well to call.
Good Single Drivers, Good Double Drivers,
Good Saddle Horses.
Ladies' gentle double and single drivers and saddle horses.
Horses boarded by the week or month (box stalls if desired).
Horses broken to harness, and horses and cattle sold on commission.
Dealer in hay and grain, wholesale and retail
Corner Of Mission and Tronson Streets
Opposite W. R. Megaw's Store, Post Office Box 137
W. GARDNER, PROPRIETOR.
NOTE.—This stable will be run strictly first-class in every particular. My drivers are all free and gentle disposition, and the most durable stock the market can produce. Special attention to transient trade and to boarders.
All kinds of heavy teaming promptly attended to.

NICHOLLES & RENOUF, L'td
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AGRICULTURAL MACHINERY.
SOLE AGENTS FOR
Brantford Binders and Mowers
THE BEST IN THE MARKET.
A Full Line of Waggons, Trucks, Ploughs, Harrows &c., &c.
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ALL KINDS OF
DOORS, SASHES, MOULDINGS,
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Manufactured on the Premises and Kept in Stock.
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Good Accommodation,
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THOROUGHLY COMFORTABLE.
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Fine Watch Repairing a Specialty.

All Work Warranted. 63-2m

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—OLD POST OFFICE—

409 Hastings Street, Vancouver.

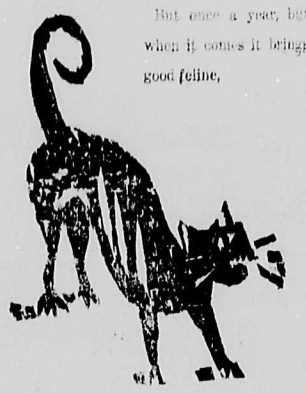
Pianos and Organs--Easy Terms

Sheet Music, &c. Special attention given to Mail Orders.

CARD OF THANKS.

Mr. and Mrs. H. P. Palmerston, Midway, beg to thank all those who so kindly helped by their efforts to extinguish the fire at their residence on November 20th.

CHRISTMAS COMES



But once a year, but when it comes it brings good feline,

LOCAL AND DISTRICT,

Messrs. Carragher & Newton are putting up a lumber stable at Grand Forks.

A new strike was lately made on the Nonsuch—three feet of solid mineral in the tunnel.

Supplies for winter work are being packed into the Summit camp from Grand Prairie.

A drift has been commenced at the bottom of the No. 3. shaft at the Mable to crosscut the ledge.

Mr. T. Humphrey, who was recently very ill with peritonitis, is, we are glad to state, convalescent.

Mr. W. T. Smith returned last Thursday to Boundary and left the next day for Spokane by way of White's camp.

Considerable difficulty was experienced in securing baling cloth this season by the Mission valley hop growers.

Mr. L. Bosshart has commenced work on the Swiss Boy sinking on the vein. This claim lies between the Skylark and Providence.

The first semi-annual examination will take place at the Midway public school next Friday, 21st, at 1 p. m. Parents and all parties interested in the school are invited to be present.

Capt. Bubb, agent of the Colville Indian reservation, has ordered the removal forthwith of every whiteman from the reservation except the regular government employees.—Loomiston Journal.

Mr. J. A. Mara, M. P., is supporting the appointment of Mr. J. R. Brown of Penticton as customs officer at Midway. This means that Mr. Brown will receive the appointment as soon as it is made, if he still wants it.

A quadrille club has been started in Grand Prairie and dances will take place regularly throughout the winter season. A lyceum has also been organized and debates will be carried on and instructive lectures given in the schoolhouse.

The exhibit of ores from this district was forwarded direct to London and not exhibited at Victoria. The exhibit, we are informed, will be very welcome at the Imperial Institute, where the mineral resources of this Province are not well represented.

Dr. and Mrs. Beckingsale who have now left Vernon for their new home near Los Angeles, Cal., will be very much missed in social circles up north, Mrs. Beckingsale especially, who was always very ready to lend her hand and voice in everything that was going on in the way of public and private entertainments.

Last October the C. P. R. made the reasonable rate of 12½ cents per 100 lbs. on small shipments of ore sent from Penticton to Vancouver for treatment by the cyanide process as a test. The rate was made public in this paper and several small shipments were at once made. From a letter lately received by us from the C. P. R. agent at Penticton it appears that the company have changed the charge on such shipments to their minimum first-class rate—$2.13. If this rate is insisted on the shipments will naturally cease.

The Okanagan Mission municipality, for which letters patent will be issued on the 1st of January, 1895, will be twenty-four miles in length, and will contain within its boundaries many hundreds of acres of the finest land to be found anywhere in the Province. The soil and climate need no apology when it is mentioned that here it was that one of the finest samples of hops ever placed on the London market was grown. Tobacco also thrives well, as also flax, tomatoes, corn, broom corn, sorghum, grapes, etc., etc. Fruits of every kind and description may be grown in great profusion. The Mission Valley Municipality will, we venture to state, be the most flourishing municipal corporation in the province if its affairs are conducted with any degree of prudence.

Mr. Powers, having secured a gang of the chaos, the Midway sawmill is again sawing lumber.

The assessment work lately done by Mr. D. A. Holbrook on the O. B. has shown up a fine body of gold quartz.

Mr. G. L. Rice left Midway on Sunday for Spokane, en route to Victoria, where he expects to put in the winter.

Some splendid ore has lately been taken out of the Helen, several specimens showing native silver and free gold.

Forty tons of concentrates from Camp McKinney are being teamed to Okanagan Falls and thence shipped to the Everett smelter.

Mr. J. E. Boss returned to Boundary on Saturday from Spokane and other points. He went up to Rock creek on Sunday, returning yesterday.

The Skylark people are now down 72 feet on the vein, which shows splendid mineral. No shipment will, in all probability be made till the spring. Five men are being worked.

This being the last issue of the ADVANCE which will reach our readers before Christmas Day, we take this opportunity of extending to our supporters our best wishes for a festive and happy time.

The dance at Mr. Hardy's new dancing hall, Boundary Falls, will take place on Xmas eve. Everybody is cordially invited to be present, and no effort will be spared to make it in every way a most enjoyable affair.

Any one in this section who has seen or heard of a young man named F. B. Lichtenberg, or who knows his address, would confer a favor by supplying any information about him to the firm of Baker Bros., Vancouver, who are anxious to hear of him.

The vein on the Last Chance (in the Skylark camp) owned by T. G. McCormick and Geo. Cook, has been opened up in a new place and looks first class. It appears to be the strongest lead of its kind in the district. Development will be continued on it all winter.

Mr. J. Douglas, of the Skylark, is in Midway as we go to press, exhibiting some splendid samples of ore from the Skylark, taken from the bottom of the shaft (72 feet), where the vein has widened out to three feet. The samples are plentifully sprinkled with native silver.

Messrs. Holman & Collins intend next spring to plant out ten or fifteen acres of tobacco at or near Kelowna. Mr. Chaplin, formerly horticulturalist on the Guisachan ranch, has signified his intention to try ten acres, if satisfactory arrangements can be made for the rental or purchase of suitable land, etc. Mr. Weddell and several others are also going to engage more or less extensively in this fascinating and lucrative industry. It would, therefore, seem as if the residents of the valley, at least a good many of them, have come to the conclusion that this industry has passed its experimental stage, and that the time has arrived when it should be prosecuted with that amount of energy necessary to the success of any enterprise.

Those people who have to suffer can only thoroughly appreciate the inconvenience of having to tramp, ride, drive or depend upon the kindness of their neighbors to procure mail from a post office which happens to be ten or twelve miles distant from their homes. The settlers between Penticton and Keremeos find themselves similarly situated, and it would be a good idea for the postal authorities, when reorganizing the postal system in this lower country, to bear this in mind, and out of the generosity of their hearts allow a way big to be established with headquarters at Mr. H. Ingle's White lake. This would be a great convenience to about a dozen settlers in the neighborhood, and (it is well to point this out) would not cost the post office authorities a cent.

Mr. Jas. Schofield left yesterday for a trip to his old home in Manchester, England. Mr. Schofield will be greatly missed during his absence by everybody who knows him, being one of the most popular of the Boundary creek boys, as well as one of the pioneer prospectors in Kettle river. In April, 1884, Mr. Schofield left England and after spending three years in other parts of the Dominion landed in Camp McKinney May, '87, being one of the very first in that camp, in which he put up the first house, and put the first and last shots in the Eureka shaft. Since then he has been prospecting on Boundary, and had the good fortune to dispose of all his original interests in the Summit camp last month for a good round figure. In expressing the hope that his trip to the old sod may be a pleasant one, we are only echoing the wish of all his old time associates.

TRAIL CREEK NOTES.

(Condensed from the Northport News.)

The Cliff will shortly commence shipping.

The Burleigh drill on the Le Roi is a great success.

Parties are negotiating for the purchase of the Monte Christo and Enterprise.

The War Eagle will ship ore by Trail landing until good sleighing, when the ore will be teamed down the Sheep creek pass.

Matters are very prosperous at the town of Rossland.

Jas. Clarke has the contract to haul fifty tons of ore per day from the War Eagle to Northport.

On the War Eagle there are six feet of solid ore, which is free from the hanging wall, and one foot of mixed slightly froze to the foot wall, on an ore chute 500 feet in length, and there are 10,000 tons of ore, that will carry $100 to the ton in gold, in sight.

CORRESPONDENCE.

Hop Growing in the Okanagan.

To the Editor of THE ADVANCE:

SIR—I have been requested by a number of ranchers to give a detailed expenditure of the cost of raising, drying and baling an acre of hops. Below you will find a statement from actual experience from Okanagan Mission, showing cost in detail of everything as it cost me delivered at my ranch, also wages paid, &c., the amount of hops raised on an acre of ground, and price received for them. The crop of 1894 has not been sold. The price in London, England, is to-day twenty-one cents per pound and steadily rising from one to two cents per pound every week. The freight from Vernon or Kelowna to London is three cents per pound, so you will see the value of hops here is eighteen cents per pound. It cost me nearly fifteen cents a pound to raise hops the first year and about ten cents a pound the second year. I am satisfied that after the first year, with fair management, that hops can be raised and delivered at Kelowna or Vernon at ten cents per pound. In some sections they may be raised for less, as land, poles, and labor may be cheaper than here.

Any person going into the hop-raising industry will need to be very careful and get good plants or cuttings to begin with, and after the second year will have a surplus of plants. Do not think that I am trying to boom the hop-raising business, as I have no plants or hops for sale. Good hop cuttings or plants, pistillate and steminate (male and female) should not cost more than six dollars per thousand delivered here. The following tables will show my expenses:

FIRST YEAR, 1893.—PERMANENT INVESTMENT.

One acre land at $100	$100 00	
888 hop poles at 4c	35 52	
2964 hop plant cuttings, $6 per M	15 98	
Staking off 7x7 ft. each way	3 00	
Setting cuttings	3 50	
Ten picking boxes, at $1.50	15 00	
		$173 00

LABOR AND EXPENSES.

Ploughing land	$ 2 50
Cultivating four times	6 00
Training hop vines to poles	3 00
Setting poles	3 50
Half ball binder twine	25
Two days' work irrigating	3 00
Picking 25½ boxes hops	25 50
Pulling poles for pickers	3 00
Teaming to dry kiln	3 00
Taxes	50
Clearing off old vines	3 00
Stacking poles	2 00
Drying and baling 568 lbs at $50 per ton	14 20
	$ 69 45
Interest on $173 at 8 per cent.	13 84
	$ 83 29

EXPENSES SECOND YEAR, 1894.

Interest on permanent investment	$ 13 84
25 per cent loss on hop poles	8 88
Cultivating four times	6 00
Training hop vines to poles	3 00
Half ball binder twine	25
Setting poles	3 50
One day's work irrigating	1 50
Picking 56 boxes hops at $1	56 00
Pulling poles	3 00
Taxes	50
Teaming to dry kiln	3 00
Clearing off old vines	3 00
Stacking poles	2 00
Drying and baling 1440 lbs. at $50 per ton	36 00
	$140 47

RECEIPTS FROM ONE ACRE.

1893—first year—568 lbs. hops at 20 cents	$113 60
1894—second year—1440 lbs hops at 18 cents	259 20
	$372 80

EXPENSES ONE ACRE.

1893—568 lbs. cost	$ 83 29
1894—1440 lbs. cost	140 47
	$223 76

Net profit in two years.....$149 04

COST PER POUND OF HOPS.

1893—568 lbs. $ 83.29 = 15c. per lb.
1894—1440 lbs. 140.47 = 10c. per lb.

I will be pleased to answer enquiries through the press that will be of interest to the public. Hoping that I have not encroached too much on your columns, I am yours truly, H. DELL.
Okanagan Mission, Dec. 6, 1894.

WILL DOUBTLESS BE APPEALED.

Mr. Justice Romer's Decision on the Patent Rights of the Cassell Gold Extracting Co.

Mr. Justice Romer, in the case of the Cassell Gold Extracting Company v. the Cyanide Gold Recovery Syndicate, has decided that the latter has not infringed the McArthur-Forrest patents by using cyanide to obtain gold from gold ores. He thus declares that there is no patent in the use of cyanide, and this matter seems to affect the African Gold Recovery Company, although the British and not the South African patents were concerned. The shares fell considerably on Thursday, when the decision was announced. But the second part of the process, whereby the gold in solution is precipitated on to zinc shavings, has not been attacked, and it is possible that this important portion of the process will in any case be left as an eight years' monopoly to the African Gold Recovery Company. The decision seems to establish the fact that the Siemens-Halske process—which employs cyanide, but not zinc shavings—is not in any way infringement of the McArthur-Forrest patent, and the litigation over the matter which was at one time anticipated by some, appears to have been altogether averted by Mr. Justice Romer's decision. Of course, this decision can, and no doubt will, be appealed against. —London (Eng.) City Times.

OKANAGAN RIVER IMPROVEMENT.

Loomiston Journal.—"Mr. Fisher, of Tonasket Ferry on the Okanagan river, stated to us yesterday that the improvement of the Okanagan river would be a much less expensive matter than many people imagine. 'Only one obstruction of any moment, McLaughlin's canyon, about six miles below Tonasket, occurs,' said he, 'between the state line and the mouth of the Okanagan, a distance of about seventy-five miles. It will take some blasting and rock work to straighten the channel and reduce the rapids, but that is a matter of labor alone. From $5,000 to $8,000 will make McLaughlin's as easy as the balance of the river. I think that $25,000 will improve the river for boats of three feet draft," said Mr. Fisher, and the government would be very foolish not to expend that amount of money to provide transportation to a tract of valuable territory over 100 miles square, besides giving our manufacturers easy access to the booming mining camps of southern British Columbia. Our county commissioners have taken proper ground when they memorialize congress to make an appropriation for this most important improvement.' Mr. Fisher only voices the sentiment of his neighbors and all residents of Okanagan."

MYTHOLOGY.

A Chinese sect believes that women by embracing vegetarianism will become men on the judgment day.

Old shoe throwing is done for many purposes. In Ireland the election of a person to almost any office is confirmed by throwing an old shoe over his head.

In the mythology of Europe horses were regarded as rain bringers, and superstition once supposed that a horse's hoof placed under the bed would cure certain complaints.

The Chinese value a pair of old boots which have been worn by an upright magistrate, and the custom of wishing a friend a "happy foot" is still observed all through Europe.

People's fingers, cut from the hands of the dead, are sometimes carried as amulets by the ignorant and superstitious. Dried lizards sewn up in leather serve the same purpose.

Sensible and practical people will often take particular pains to strain off a patch of bubbles that have risen to the top of their tea, because some one has said it is a "sure sign of money."

The ancient Egyptians believed that iron was the bone of Typhon, the enemy of Osiris, and for this reason it was considered impure. No one could make use of it even for the most ordinary requirements of life without polluting his soul.

OUT OF THE ORDINARY.

Wasps' nests often catch fire from the chemical action of the wax upon the paper-like material.

Edward B. Stirling, of Trenton, N. J., owns a stamp worth $1,000, for which he paid nine cents.

A clothes washing contest was a novel attraction at a colored church picnic at Westminster, Md., recently.

Nickel 3-cent pieces of 1877 are worth 75 cents each, while those of 1878, 1882, 1885 and 1886 are worth five cents each.

A bridge at Bradford, Pa., 2,000 feet long and 801 feet above the stream it crosses, is said to be the highest bridge in Pennsylvania.

A wonderful echo is heard at Eagle's Nest, Killarney. A bugle played on one side of the lake, at this point, is repeatedly echoed as if multiplied by a hundred instruments.

The ornithorhynchus of Australia lays eggs like a bird, suckles its young like other mammals, and in general appearance and habits resembles the beaver of this country and Europe.

A LITTLE HUMOR.

He—We have a clock that says "Cuckoo." She—We are going to get one that says: "What, must you go?"—Life.

First Tourist—Have you yet beheld the majesty of Niagara? Second Tourist—I should say I had. He charged me eight dollars for a ride in his hack.—N. Y. Herald.

He—These are very big waits. She (pointing out an announcement in the programme)—Yes, you see, dear, the play is produced on a big scale.—Drake's Magazine.

An Effort of Memory.—Charlie—I think—ah—I must have seen you before, Prunelle—Yes. You were introduced to me in the drawing-room about five minutes ago.—N. Y. Herald.

Dealer—This is the best parrot we have. But I won't sell him without letting you know his one fault; he'll swear if his food doesn't suit him. Miss Fitz—I'll take him; it will seem quite like having a man in the house.—N. Y. Herald.

BOOKS AND PAPERS.

Emanuel Swedenborg's "Arcana Calestia" was printed when the author was 61.

The people of the United States read and support as many newspapers as England, France and Germany combined.

A copy of the first edition of Goldsmith's "Vicar of Wakefield" was disposed of in London a few days ago for $475. The author sold the original copyright of the book for $300.

The largest book ever known is owned by Queen Victoria. It is eighteen inches thick and weighs sixty-three pounds, and contains the addresses of congratulation on the occasion of her jubilee.

According to foreign papers there are now 3,588 journals and magazines printed in Germany. In 1891 there were 3,445; in 1890, 3,294, in 1889, 2,982, and in 1888, 2,729. There has been an increase since last year, therefore, of 93, and since 1888 of 809.

AROUND THE GLOBE.

The best Chinese razors are made of old horseshoes.

Artesian borings have recently proved successful in Sahara.

The British ship Berean, which recently rounded Cape Horn, experienced the phenomenon of a heavy cloud of dust at sea.

The highest viaduct in the world has just been erected in Bolivia over the river Lea, 9,883 feet above the sea level and 4,008 feet above the river.

India furnishes a market for large numbers of white diamonds, as well as for yellow or colored diamonds, or stones with flaws or specks in them. The natives invest their savings in them and other precious gems, as we do in stocks and shares.

PRETTY THINGS IN GLASS.

Oblong salvers narrow rather than long curve gracefully on the sides and have a light festooned edge.

Some fruit bowls are basin-shaped with raised flutes half way up, and a plain lustrous border above.

A large flaring fruit dish has a smooth surface and the ornamentation is formed by the perforations.

A fruit dish intended for an apple or two, a few peaches and a bunch of grapes and suitable for only a very small dinner is platelike and mounted on a central standard. The edge of the receptacle is a rich band of raised work with perforations, and the dish has a distinct stamp of elegance.—Jeweler's Circular.

OVER IN EUROPE.

Windsor castle has been used for a royal residence seven hundred and eighty four years.

The results of the recent expedition to the polar regions prove that north of seventy five degrees the ice over the whole surface averages six thousand feet in thickness.

The highest spot inhabited by human beings on this globe is the Buddhist cloister of Hanle, Thibet, where twenty-one monks live at an altitude of sixteen thousand feet.

In a ton of Dead Sea water there are one hundred and eighty-seven pounds of salt; Red Sea, ninety-three; Mediterranean, eighty-five; Atlantic, eighty-one; English channel, seventy-two; Baltic, eighteen; Black sea, twenty-six, and Caspian sea, eleven.

A man in Germany recently bought one thousand cigars and had them insured against fire. Then he smoked them and demanded the amount of his policy from the insurance company. The company refusing to pay it, he brought suit and got a verdict.

According to Power, a foreign chemist has devised a sensitive paint which is yellow at ordinary temperatures, but turns bright red on reaching one of two hundred and twenty degrees. It is suggested that this paint may be used advantageously to indicate heat from friction in machinery.

One part of the wedding ceremony among the Babylonians was very significant. The priest took a thread from the garment of the bride, and another from the garment of the bridegroom, and tied them into a knot, which he gave to the bride. This is probably the origin of the modern saying about tying the knot in regard to marriage.—Jewish Messenger.

FOWL, FISH AND SERPENT.

A boa-constrictor, which lives in the Adelaide zoological gardens, caught its ravings the other day in a rug. Being unable to disengage itself, it proceeded to swallow the rug, which was seven feet by six in size.

A sturgeon weighing 1,440 pounds was caught in the Caspian sea two weeks ago. The head alone weighed 228 pounds, and the fish furnished about 120 pounds of roe for caviare. The fish was sold for $160.

The most formidable check to the increase of serpents and venomous insects in the tropical regions is the abundance of ants which, attacking in thousands, will kill and devour animals often of considerable size.

There is a mystery about the method of motion of condors that has never been explained. They have been seen to circle to and fro in the sky, half a day at a time, rising and descending without once flapping a wing.

SCIENTIFIC EXPERIMENTS.

Experiments are now being made with compressed hay for paving blocks. The hay, after being pressed, is soaked in a drying oil, which, it is claimed, renders it indestructible.

A new alloy has been invented by a Paris manufacturer, composed of silver and copper. It has great strength, and will resist sudden or long sustained strains. The low price of silver has lately made such an alloy practicable.

Great success has been obtained in Belgium with the ammonia process for sinking shafts through quicksand. The principle is that of freezing the quicksand by an ammonia freezer similar to that used in making artificial ice.

A new thermometer for registering extreme heat is composed of a liquid alloy of sodium and potassium, instead of mercury. The boiling point of this alloy is about 1,100 degrees above, and its freezing point 12 degrees below zero.

IN SCHOOL AND COLLEGE.

The students at Princeton college have abolished "hazing."

Viceroy Li Hung Chang has established at Tientsin an imperial medical college, with a staff of western (English) medical men who assist native Chinese in teaching. A four years' graduated course is required and a well-equipped hospital has been built.

The degrees of bachelor of medicine and of master of surgery have this year, for the first time in the history of the Scottish universities, been conferred on women. One of these young women, who ranked third in a class of sixty-one members, stood first in her class of zoology, practical chemistry, anatomy, history, physiology, surgery, medicine, pathology and midwifery.

MEDICAL SCIENCE.

A burning gasjet is unhealthy in a bedchamber, because one gaslight gives out as much carbonic gas as two sleepers.

Sir Andrew Clark, general physician in the largest London hospital, says that seven out of every ten persons taken to the building owe their ill health to drink.

Dr. Roux, of the Pasteur institute, claims to have found a cure for croup. It consists in the injection of serum from the blood of a horse that has been inoculated with the cultivated microbes of croup.

Dr. Gorlansky, a Russian physician, claims to have found that the juice of raw cranberries given freely, pure or diluted with an equal part of water, is an excellent means of relieving thirst and vomiting in Asiatic cholera.

ABOUT PEOPLE IN GENERAL.

The mother of Gen. Boulanger, who died in Paris, was ninety-two years of age.

The salary and expense allowance of President Casimir-Perier are $240,000 per year.

George W. Cable has named his summer home at Northampton, Mass., "Stay-awhile."

The once famous court violinist, Enrico Masi, died in Rome a few days ago. He was at one time a member of the well-known "Florentine Quartette."

The Confederate Women's Monument association has been organized at Richmond, and a charter is to be obtained. Voluntary subscriptions toward the monument now amount to six hundred dollars.

GOLDEN GEMS.

The feet of truth are slow, but they never slip.

Golden opportunities do not travel by a time table.

There are men who like to speak well of others—on a tombstone.

If some people had money enough they would vex themselves to death.

A genius is a man who does something that others say cannot be done.

There is no way of getting children to be good like showing them how.—Ram's Horn.

CABLED FROM EUROPE.

Switzerland has a 900 year-old hotel.

When the floor of the Breslau town hall, in Germany, was taken up recently 4,000 historical documents, some of them of great value, were found buried beneath it.

As an indication of the thrift among the working classes of France it is stated that there are now 6,000,000 depositors in the French savings banks, with an accumulated fund of £112,000,000.

Three Roman graves were found by workmen near Hagnean, in Alsace, Germany, a short time ago in good condition. Each grave contained a Roman warrior's skeleton, his arms, armor and many Roman coins.

A feather merchant of Paris has recently received 6,000 birds of paradise, 300,000 Indian birds of various species and 400,000 humming birds. Another dealer has received 40,000 birds from America and 100,000 from Africa.

A Sussex (England) correspondent announces, on the authority of his vicar, that nine out of ten of the humbler brides swear to "love and honor cherries and a berry," instead of the regular "cherish and obey" of the marriage service.

FUNNY WAYS IN FUNNY LANDS.

The Isle of Guernsey exacts a tax from all aliens.

The Mohammedans, it is said, consider silk unclean, because it is produced by a worm.

Among the South sea islanders black and white striped goods are even now worn in sign of mourning.

When a child dies in Greenland the native parents bury a living dog with it, the dog to be used by the child as a guide to the other world.

Japanese doctors never present bills to their patients. They await the patient's inclination to pay, and then thankfully accept whatever sum is offered.

Even to this day certain communities of Buddhists and Mohammedans pray by the hour before their favorite plant or flower. In India this species of worship seems to be the most prevalent.

In China the cobbler still goes from house to house, announcing his approach with a rattle, and taking up his abode with the family while he accomplishes the necessary making and mending.

THINGS OF INTEREST.

To escape from a supposed enemy a frightened ostrich can travel at the rate of twenty-five miles an hour.

In the days of Queen Elizabeth it was customary to strew green rushes on the unearpeted floor of the actors' retiring room in the theatres; hence the term greenroom.

The oldest arm-chair in the world is the throne used by Queen Hatafu, who flourished in Egypt 1000 B.C. It is made of ebony, beautifully carved, and is so hardened with age as to appear to be carved from black marble.

The definition of "A Friend" that took the prize in a late contest conducted by a London journal was: "The first person who comes in when the whole world goes out."

The finest grades of razors are so delicate that the famous Damascus sword blades cannot equal them in texture. It is not generally known that the grain of a Swedish razor is so sensitive that the general direction is changed after a short service.

PEOPLE OF MANY NATIONS.

Perhaps the most happily named man in England is Thankful Joy, a Hampshire cricketer.

Sir Lyon Playfair's name is pronounced as if it rhymed with "duffer," but he is not that sort of a man at all.

The only woman in England who is proprietor, editor and manager of a newspaper is Mrs. Comyns, of the Feathered World, the circulation of which paper is 20,000 weekly.

Noblemen in scores were created by Christophe, a negro, who ruled as emperor of Hayti from 1811 to 1820. Among the titles conferred were those of Duke of Marmalade, Count of Lemonade, and Earl of Brandy.

Reference has frequently been made of late to the rapid way in which the prince of Wales was aging. Since the death of his son it has affected his appearance still more, and robbed him of what had been left of the once peculiarly healthful hue of his complexion.

GEMS OF THOUGHT.

There is no spiritual life where there is no love.

We love flowers most when we do not need bread.

God has never yet made anybody who could please everybody.

The happiest Christians are the ones who work the most at the trade.

Until we are willing to be guided we are not willing to be helped.

The happiest men on earth to-day are those who have the most wealth.

With all his practice the devil has never improved on the first hypocrite.

Real faith never becomes weak, no matter how long it may have to wait.

It is a serious thing to die, but a much more serious one to live, and not live right. —Ram's Horn.

SHORT RAILROAD RUMBLINGS.

The first horse railroad was built in 1826.

American street railroads employ 71,000 men.

An express engine consumes ten gallons of water per mile.

In the year ending June 30, 1894, the railways of America carried 492,430,000 persons.

A street car line is now being built in Tashkend, the capital of Russian Turkestan, by a French company.

A Trenton company has subscribed $1,000,000 to perfect machinery to run street cars by means of compressed air.

Railroad enterprise supplied a watermelon with each ticket on the occasion of a recent celebration in southern Texas.

PROFITABLE TREATMENT

Of Tailings---Production by the Cyanide Processes in South Africa.

(From the London City Times.)

A change of importance has recently come over the question of the profitable treatment of tailings. This is due to two causes, one of which is the recent action of the Transvaal Government in reducing the African Gold Recovery Company's royalty, while the other is the entry of an entirely new process into the field, some particulars of which we gave in an earlier issue. The royalty formerly charged by the African Gold Recovery Company for the use of its McArthur-Forrest process ranged from 12 per cent to a little under 7 per cent of the value of the gold obtained from the tailings, and the patent had eight years to run. Now the royalty has been cut down, apparently to a fixed rate of 3½ per cent; while in return for this concession—which has hardly been voluntarily made—the company's patents are extended for another five years. Under the old arrangement the Rand companys would have had to pay, say, 8 per cent for eight years only, while under the new scheme they pay no more than 3½ per cent, but have to do so for 13 years. Altogether, the mines may be said to have been victorious, for on the basis of the present output they will pay £70,000 in the aggregate instead of £100,000 as before. Thus there is a distinct saving of about 56 per cent, or £30,000 in all; and in face of this fact the companies are not likely to say much against the extension of the patents for five years, especially as, under the proposed concession, the royalty would have been fixed at a minimum of 5½ per cent for ten years. It is quite true that a telegram published yesterday stated that, as some of the companies declined to agree to the new terms, the African Gold Recovery Company would not carry out the agreement, but we have written this article on the assumption that the difficulty will be overcome, and that the companies generally will accept the new conditions as being better than the old.

With the idea of finding just how the altered conditions will affect the Rand mines, let us analyse the matter in the case of the ten largest producers of gold from tailings. The old royalty is assumed to be at the rate of 7 per cent—this being the average in the case of the large producers. The Crown Reef under the new scheme will pay £4,680 per annum, instead of £9,360; the Langlaagte Estate £3,930, instead of £7,860; the City & Suburban £3,780, instead of £7,560; the Gledenhuis Estate £3,570, instead of £7,060; the Simmer and Jack £3,180, instead of £6,360; the Langlaagte Royal £2,905, instead of £5,810; the Robinson £2,570, instead of £5,140; the Durban-Roodepoort £2,515, instead of £5,090; the Nigel £2,135, instead of £4,870; the Jumpers £2,195, instead of £4,390. These figures are based on the August results, details of the September output not being yet to hand.

Let us make the matter clearer by a few figures giving (1) the saving per annum; (2) the extra dividend represented by the saving; and (3) the present rate of dividend:—

	Yearly Saving	Equal to per cent.	Present dividends per cent.
Crown Reef	£4,680	4	50
Langlaagte Estate	3,930	2	40
City & Suburban	3,780	4½	—
Gledenhuis Estate	3,530	1½	20
Simmer & Jack	3,180	1½	—
Langlaagte Royal	2,905	2	—
Robinson	2,570	1-10	10
Durban-Roodepoort	2,515	2	60
Nigel	2,135	3	50
Jumpers	2,195	1½	45

The total saving for the ten principal producers of gold from tailings thus sums up to £31,750, the average on the various capitals being 1¾ per cent. The saving is equal to a net profit of a similar amount, and it is much more pronounced if one takes the smaller companies, which have had to pay anything from 8per cent. to 12 per cent. The Orion, for instance, has paid 9 per cent, and on the basis of August its royalty will be reduced from £1,750 to £1,850, the difference of £2,900 being equal to practically 10 per cent on the capital. This, perhaps, is an exceptional case.

The Siemens-Halske process of treating tailings by cyanide promises, however, to effect a much more important reduction. The costs, all told, are put at 3s. per ton, while the McArthur-Forrest process costs 5s. to 7s. per ton. If we take the case of the Crown Reef we find that the value of the tailings yield was 17s per ton treated, while the cost was 5s. 9d. Presuming that the new process can treat for 3s. per ton the saving of 2s. 9d, per ton would be equivalent to £25,728 per annum on the present output. An extra distribution of 21½ per cent would be by no means unwelcome to the Crown Reef shareholders. This saving, it will be seen, is huge beside that of £4,680 afforded by the reduction of the McArthur-Forrest royalty; and our little calculation will help to give an idea of the revolution which the new process will effect if the cost, including royalty, is kept at 3s. per ton. Even if it amounts to 4s. or 4s. 6d. on an average, it will mean a distinct saving. The May Consolidated, Meyer & Charlton, and New Croesus have all adopted the new tailings process; and it will, of course, be vigorously worked by the Rand Central Ore Reduction Company, which has the South African agency. The Reduction Company, by the way, is about to increase its capital, owing to its extended sphere of operations.

Eventually the treatment of slimes, not now attempted except in one or two cases, will serve to increase the profits of Rand properties.

FINANCIAL AND INDUSTRIAL.

As eleven years is said to be the life of the average steel rail the 10,000,000 tons now in use in the United States must sooner or later make way for others. These renewals involve an annual replacement of not less than 1,727,272 tons.

The Carrara marble quarries are practically inexhaustible. The entire mass of Monte Sagro, 5,600 feet high, which dominates Carrara, is solid marble. About 160,000 tons of marble are annually exported, most of which comes to America.

All the car-building companies in St. Louis—the Laclede, the St. Louis, the American, the Brownell and the St. Charles—have combined. There will be $5,000,000 of bonds and $15,000,000 of stock issued to represent the combined properties.

Mr. Samuel E. Morse, the consul general at Paris, has sent to the state department an abstract of the official report on the wheat crop in France for 1894. It is estimated by the French statisticians, says Mr. Morse, that the crops of 1894 throughout the world will be 35 per cent. in excess of the world's demands for consumption and seed.

The celebrated Baring estate is approaching final liquidation. At one time the liabilities were largely over £100,000,000; now they are but $12,500,000. With the improvement in all assets the world over, the bank of England will not need long time to close out the collateral they hold. A large surplus is expected. In history this will stand as the greatest financial exploit ever accomplished in business.—*Banker's Monthly.*

TO INTEREST AND ENTERTAIN.

The highest masts of sailing vessels are from 160 to 180 feet high, and spread from 60,000 to 100,000 square feet of canvas.

In New Mexico have been discovered ruins of magnificent buildings. The wall surrounding one of them is 4 feet high, and 935 long. The ruins are of Pueblo Indian origin.

The average whale is from 50 to 65 feet in length and 35 feet in circumference. The jawbones are 20 to 25 feet long, and a tongue has been known to yield almost a ton of oil.

An Antarctic iceberg has been seen that was 20 miles wide, 40 miles in length and 400 feet in height; a square township or two could break off from this and hardly affect it.

There are only one or two places in Toronto and Montreal where foreign postage stamps can be bought to inclose in letters sent abroad for return postage, and even at these places a price nearly double the face value of the stamp is asked.

BAYONET POINTS.

A new Italian rifle will send a bullet through five inches of solid oak at a distance of 4,000 feet.

Aluminum drums are proving most successful in the Prussian military bands. Not only are they lighter than the ordinary kind, but they give out a much fuller and richer sound.

Chateaudun, where the French maneuvers have just been held, has the distinction of having received as a municipality the cross of the Legion of Honor for its heroic defense against the Germans in 1870.

Experiments are being conducted at the armory in Springfield, Mass., in the use of aluminum for the bayonet scabbards for the new rifle. While the metal works well in bending and is about fifty per cent. lighter than the steel scabbard, no satisfactory method has been devised for soldering the edges together.

POINTS FOR SCIENTISTS.

The 132,856 craters which have been discovered on the moon are supposed to have been caused by a bombardment of aerolites.

Sea bathing causes many diseases of the ear. Cotton should be put in the ear when it is the intention to submerge the head.

All known chemical elements are represented in sea water. They are not always capable of being detected by chemical analysis.

The theory that the remains of animals form the raw material from which petroleum is formed by nature is still held by some prominent scientists.

The Medical News says that even sewage water can be converted into pure drinking water by sand filtrations in filter basins at the rate of two million gallons per acre per day.

STUDYING NATURE.

In a month a caterpillar devours six thousand times its own weight in food.

Darwin asserted that there is insanity among animals just as there is among people.

No worm or insect is ever found upon the encalyptus tree or in the earth penetrated by its roots.

Solitary confinement is calculated, doctors state, to produce melancholia, suicidal mania and loss of reason. Nine months of absolutely solitary confinement are almost certain to result in the mental ruin of the convict.

The reason given why birds do not fall off their perch is because they cannot open the foot when the leg is bent. Look at a hen walking and you will see it close its toes as it raises the foot and open it as it touches the ground.

THE WHEEL.

France derived 950,000 francs last year from the tax on cycles, the number of machines being 132,376.

The bicycle of the khedive of Egypt is a gorgeous machine, almost entirely covered with silver plating.

A young French officer lately, on a wager, made his way on a bicycle to the top of the Pic du Midi in the Pyrenees, 9,540 feet high, and then down again.

The Bell Telephone company, of Cincinnati, O., have mounted thirty inspectors on bicycles. Thirty horses and as many buggies have been displaced thereby.

Wheels propelled by petroleum are being introduced in Paris to take the place of the cycle. They are very costly, one thousand dollars being the price for one.—Hardware.

ODD NAMES IN QUEER PLACES.

The Philadelphia College of Pharmacy has a student named Pellett.

Col. Cash Surplus was proprietor of a Texas newspaper that suspended a few days ago.

Despite the suggestion contained in its name, Vermillion is one of the banner Woman's Christian Temperance union towns in South Dakota.

Mr. White, of Greenwood county, Kan., has a daughter named "Snow." This is as bad as Mr. Button, of Fort Scott, who has a daughter named "Pearl."

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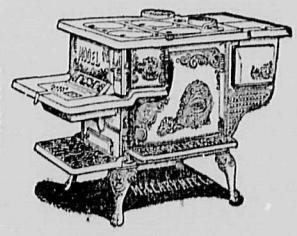

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