MINES AND MINING

The following article from the B. C.

Mining Exchange, of Vancouver, shows that interest in the iron and steel problem as it affects British Columbia is increasing:

"British Columbia is increasing:
"British Columbia bossesses vast deposits of good iron ore. In East Kootenay and upon the Coast these deposits are in juxtaposition to practically unimited supplies of fuel and fluxes. While the problem of manufactural going iron is essentially the same in the interior and on the Coast, namely the interior and on the Coast, namely the interior and on the Coast differ somewhat from those of the interior, and the problem is rapidly becoming one requiring immediate attention. The broken nature of our coast line and the existency of our coast line and the existency of innumerable islands and inlets of the sea provide for us facilities for the sea provide for us facilities of British Columbia should be the centre of the form. In the South America, Ambritals and the Orient. In the South America, Ambritals for the se is an iron-improving country, and as the market on the Pacific Coast must be the most costly point at which to lay down home-manufactured iron, it would seem as though it should impossible to force our pig iron he local United States market,

upon the local United States market, were the competition of Alabama and Colorado iron all we had to face.

"But it is not all. The competition which destroys the possibility of our entering the United States market, and carries many other disabilities in its train, is the competition of our own iron The duty on iron ore entering the United States is 40 cents per ton, and the duty on pig iron is \$4 a ton. This is a heavy discrimination in favor of im-porting iron, ore instead of pig iron. So porting iron ore instead of pig iron. So long as the free export of iron continues, the iron industry, which is dependent on British Columbia ore for its existence, will be located in the United States and not in British Columbia. This not only prevents us from entering the United States market with pig iron, but it, handicaps us in reaching the common export market. An industry with a strong local backing is able to manufacture to greater advantage for export.

The ore shipments for the districts of Rossland, Boundary and the Slocan for the first six months of the present year

"There are certain consequences of this "There are certain consequences of this condition of affairs, brought about by artificial means through the United States tariff, which we should not overlook. The manufacture of pig iron means eventually the manufacture of steel plates and rails, and in time, the stablishment of all the industries which have iron as their base. Shipbuilding, machinery-making and all the industries which are dependent on machinery, which are the industries of the world, will be established where the manufacture of pig iron takes its root. So that in the possibility of establishing the iron industry upon our shores is wrapped up industry upon our shores is wrapped up the possibility of British Columbia having the industrial and commercial future whatsoever. These things are not to be gaussid, and they require deep consideration. eration on the part of all men of publi spirit in the province.'

THE NORTH STAR MINE. .

THE NORTH STAR MINE.

The following is the annual report of the North Star mine, in East Kootenay. It shows how unfavorable present conditions are to the industry of silver-lead mining in British Columbia:

During the past year there has been driven 3.780 feet of drifting, crosscutting, sinking and raising, both in rock and gravel work. In the former the contact of porthary and the country rock has been followed, ance apparently the porphyry is genetically related to the ore. The gravel work is also necessary, since the ore deposits already found have occurred near to the surface on the top of the country rock and embedded in gravel and corphyry. This year two small ore chutes have been found by following in one case the contact mentioned above, and in the other case by crosscutting in the gravel across the direction of strike and keeping on top of the country rock. No bonanza shoot of ore has been found, although there is every prospect of more being discovered. The country rock when lost than would be imagined, but there are certain signs which if noticed carrefully from day to day enable as to following the form of the grave of the reast over the ore than the country rock and there is an one.

us, to followinthe ore channels even when there is no are.

Owing to the fact of the area owned by this company being so large, it is difficult to cover this quickly: this is best realized when it is denown that only 13 per cent. of the strike distances have been developed or even prospected. I refer to the strike distances of the ore channels, which to date are three iffi number. In view of this, there are three iffi number. In view of this, there are three iffi number. In view of this, there are three iffi number. In view of this, there are view to this the old channels can be relied upon to yield more ore, and that they are not the property of this is the property of the interface with for a period of about two mantices by a strike down caused by a strike of the miners. Puring the wear 5.918 tons of ore have

been shipping the everage assay value of which has been 25.4 ounces of silver, and off per cent of lead.

"After exactly consideration, not of the moment, but of days, and after the experiment of days, and after the experiment of the surface workings of the mine, have been liver, first as superintendent and where there are estimated to be many

THE ELMORE PROCESS.

The Canadian Ore Concentration, Limited, has been formed in London to acquire the Canadian rights of the Ellmore oil process of ore concentration. This process works on the affinity between metallic substance and heavy mineral oil. Extensive experiments have been carried on with ore from the Britannia mines, on Howe Sound, and the Snowshoe mine, in the Boundary. Mr. J. D. Kendall writes that he is "fully assured of the success of the process, and that there is a large field for its use in Canada."

Should this process of ore concentration prove as satisfactory as it is anticipated in the prospectus, it will practically revolutionize the mining industry in some of the most important mining camps in Canada. In the Rossland and Boundary districts of British Columbia alone there are enormous bodies of low-grade ore which, if they can be concentrated in the ratio of say ten to one, would pay very handsome profits, whereas at present, as water concentration has proven satisfactory, only the high-grade ores in the Rossland camp can be profitably handled.

Ŗ)	Le Roi No. 2	34,395
1	Centre Star	4.646
	Great Western	2,315
	Glant	
7	337 37	000
L	War Eagle	356
Ŷ.	Wascade	300
۲	War Eagle	198
à.	Bonanza . Con	60
ä	Kootenay	90
3	Wootenay	30
l,	Spitzee	20
	Total	161,777
	Boundary.	
5.0		
,	Granby Mines	175,173
à	Mother Lode Sunset	66.323
t,	Singet	2 440
v	D. O	4,040
	Snowshoe	1,920
73	Lewel	3 580
₹0	Winnineg	795
3	Golden Crown	625
	No 7	400
	No. 7	482
	Emma	66
	Total	
:60	Figure 1 Part of Land	151 490

thousands of tons of ore of a good grade. Shipments from this part of the property will be kept up indefinitely, it is understood

SLOUGH CREEK. The Slough Creek mine is reported to be looking exceedingly well. The rock in the drift that is now being pushed straight ahead since the channel was tapped in the channel was straight ahead since the channel was tapped in the upraise is very hard, but the manager expects soon to break into the channel on a level with the drift. The gravel is a splendid wash, very compact, and gives every indication that there will be very little water to handle, and when the channel is reached every reason to expect it to prove rich.

THE LIDAD TARRIEF.

and when the chainel is reached every reason to expect it to prove rich.

THED LIDAD TARRIFF.

Mr. A. S. Goodeye, the delegate from the associated boards of trade of. the upper country to the Board of Trade conference at Toronto, reports the results of his representations on the lead question as follows: "The trouble was," he says, "the Dastern people did not understand the situation at all, and the first question was as to how any change of tariff could be of material benefit to the people of the Kootenays. When the matter was fully explained to them, the matter was fully explained to them, the condy one that was passed unanimously—that is, outside the routing incomplete that is, outside the routing incomplete that is considered to send a delegation to our shores, and the send to the people of the Kootenays. When the only one that was passed unanimously—that is, outside the routing the collines, th

promised their support in every way possible."

THE YMIR.

The May returns from the Ymir mine showed a slight improvement over April.

THE WHITEWATER.

The Whitewater mine during April made a profit on the month's working of \$2,900.

AS NURSES FOR INSANE.

Women are Considered Superior to Men.

At one of the sessions of the Convertion of the American Medico-Psychological Association in Montreal, Dr. Richardson of Washington read an interesting paper on "Women Nurse's in Hospitals for the Insane." There was a description of what had been done in the training of nurses at Washington—training which was thoroughly up-to-date, and which enabled the nurse, at its close, to understand, in great measure, how best to supplement the medical care which was given by the doctor of the institution. There was a regular course; there were lectures and demonstrations.

THE YMIR.

The King rides out thro' London Town, a queenly woman at his side—the king in the strain side. The gueen ride and surfact and its Queen ride allowed representations and its Queen ride allowed representation and its Queen ride will see the lanes are weel clent oot; An' streets in proper order kept. The will be adapted to do mine and its Queen ride allowed representations and its Queen ride allowed representations and its Queen ride allowed representations. The exposure representation of the American Medico-Psychological Association in Moutreal, Dr. Richardson of Washington read an interesting paper on "Women Nurse's in Hospitals for the Insane." There was a washington—training which was thoroughly up-to-date, and which enabled the nurse, at its close, to understand, in great measure, how best to supplement the medical care which was given by the doctor of the institution. There was a regular course; there were lectures and demonstrations.

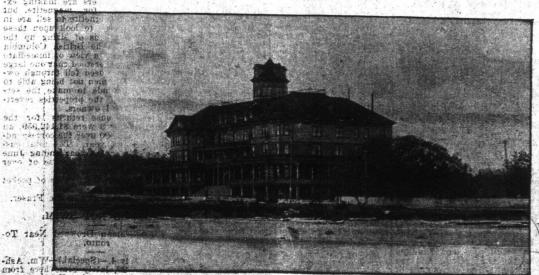
The King rides out thro' London Town, a queenly woman at his side—the subject to get and allowed and its Queen ride and and as queenly w whereas at present, as water concentration has proven satisfactory, only the high-grade ores in the Rossland camp can be profitably handled.

The prospectus states that a plant of four units, capable of treating 100 tons per diem, costs about £2,200; the crude petroleum, of which little is lost, is extremely cheap, and the directors state that the royalty on only thirty units of plant would be sufficient to obtain a substantial return on the present capitalization. If performance should equal promise, there is no doubt that the Leter able to keep 20 units of plant in continuous operation, which would treat to 30 units should be easily exceeded in the Rossland camp alone.

Women are Considered Superior to Men. At one of the sessions of the Convention of the American Medico-Psychological Association in Montreal, Dr. Richardson of Washington read an interesting paper on "Women Nursès in Hospitals for the Insane." There was a description of what had been done in the training of nurses at Washington—training which was thoroughly up-to-date, and which enabled the nurse, at its close, to understand, in great measure, how best to supplement the medical care which was given by the doctor of the institution. There was a regular course; there were lectures and demonstrations; there was full instruction in the matter of bathing, bandaging, dressing of wounds, and the like, but, above all, there was direction and suggestion as recently the service of the like, but, above all, there was direction and suggestion as there was direction and suggestion as regards the moral treatment of the mentally afflicted. Indeed, all the work

was subsidiary to this one end and aim— the beneficial moral treatment of the

Section 1. The contraction of the distriction of the district of the contract of t



MOUNT BAKER HOTEL-SEASIDE RESORT, VICTORIA, B. C.

Verses Grave and Gay.

The cheers and shouts have died away, and Night draws near on sable wing, "God save our King!" the People pray, "God save my People!" prays the King Then Night puts on her starry crown and silence broods o'er London Town.

To the quick beats on the shingles
Answer echoes in the heart;
And dim, dreary recollections
Into form and being start,
And the busy fairy, Fancy,
Weaves her air-threads, warp and
As I listen to the patter
Of the light rain on the roof.

Now inmemory comes my mother.
As she used, far Summers gone,
Taking leave of little faces
That her loving look shone on;
And I feel that fond look on me
As I feel the old refrain
Here repeated on the shingles
By the patter of the rain.

Then my little seraph-sister,
With the wings and waving hair.
And her star-eyed cherub brother
A serene, angelic pair—
Gide around my wakeful pillow
With sweet praise or anild reproo As I shut my eyes and listen To the soft rain on the roof.

And another comes to thrill me
With her eyes bewitching blue,
And I mind not, musing on her.
That my heart she never knew:
I remember but to love her
With a passion kin to pain.
And my quickened pulses quiver
To the patter of the rain. Art hath naught of tone or cadence,
Naught of music's magic spell.
That can thrill the secret fountain
Whence the tears of rapsine swell
Like the weird nocturne of Nature.
That subdued, subduing strain
Which is played upon the sbingles
By the patter of the rain.

—Coetes Kinney.

Verses Grave and Gay.

IN LONDON TOWN

S67 A. D.

The King rode out through London town, it was the time when roses blow. A thousand years have come and gone since that June morning longs ago; From far and near the people throng, their well-loved soldier King to greet, and happy faces smile on him as he rides on thro' London street.

The joyous children laugh and leap to see the King, whose pleasant eye. Smiles on their glee, and women weep for joy as he goes riding by, whilst bearded lips breathe blessings on the King who saved old London Town.

Long years had Denmark's pirate bands brought desolation to our shores, But Alfred's valor freed the land, and the property of the will.

In the study, at least, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you. In the study, at the feast, There were days I never met you.

When, nothinks, I did not mind you. Now, oh now, in any place when, methinks, I did not mind you. Now, oh now, in any place when, methinks, I did not mind you. Now, oh now, in any place when when not have methinks, I did not mind you. Now, oh now, in any place when when now, and the feast, By the hearth, I could force when the study, at the feast, In the study, at the feast, By the hearth, I could force when when now, and earth place and y

cried,
And all my flesh grew chill.
One moment—ah!—the anguish took my heart
And open flung the door;
"What matter whence thou comest, what thou art?—
Come to me!"....Nevermore.

The following metrical advice to the City Council is contributed by a well-known Scotch bard of the city: Noo Bailles since ye've taen yer seats, Aroon the civic chair, Lat's hope ye'll dae yer verra best Tae help the new Lord Mayor.

If workin' on committees, Be sure yer are on time; For stoppin' the proceedin's, Is no a bailies' line.

But we'll never do aught, I know, unless We are brave as our sires of old; And face like them the bitterness Of the battle, and storm, and cold.

—Canadian Song.

O, London Town! of storied fame; we trust our best beloved to thee; even as he guards our liberty; whilst to the King of Kings we kneel, and pray for this great Nation's weal, And crave kind Heaven's blessings on the King who rules in London Town.

—Marie Joussaye.

AN ACADEMY PORTER.

heard, and with sails clewed up and yards squared, the brig swung around with her head to the tide, while at the same time up swarmed the sailors to furl. Gradually darkness settled down upon land and sea and nothing was to be seen but the twinkling lights of the village and two ominous flashes of red and green to seaward. Almost all the ablebodied men of the village were away for in those times life meant a hard struggle for the bread-winners.

struggle for the bread-winners. But though the remaining people were chiefly old men and women, they were not resourceless. They had the spirit of British ancestry in their hearts, and the sight of a foreign foe spurred them to action. What they could not repulse by force they might perhaps by stratagem. Few slept in the village that night, for all were busy. All night long the women sewed, and out of various materials, such as curtains table-cloths, etc., they made red coats. It is even said that some of the girls devoted their Sunday frocks to the good cause, but this happened so long ago that we can not be certain of the fact. All night long men and boys carried bundles of sailcloth down to the hillside and there sailcloth down to the hillside and there made them into tents. After they dragged down from obscurity two old swivels and mounting them on carriages made from boxes, placed them in as formidable a position as possible. Wood was collected and piled in front of each tent for a camp fire. Faint streaks of grey were begining to shew themselves in the eastern sky when everything was

MODERN FABLES

By George Ade. Copyright 1901, by Robert Howard Russell.

sit up in the Library every Evening and read Macauley's 'History of England. By opening the Windows on both sides he could get a nice Breeze from the West. Along about 10 o'clock, if he got Sleepy, he could turn in. Why not? It was a lovely Time Table that he got Sleepy, he could turn in. Why not?

It was a lovely Time-Table that he had a swell Joint. After the had mapped out. He submitted it to began to peel and one of the some rowdy Work on the Piant ached for him. Breakfast at the strange Boarding-House. A day of Toil interrupted by a small Bunch of Food at the Dairy Lunch.

Then hack to the procession of the had a Swell Joint. After been to the Tea a couple of the some rowdy Work on the Piant ached for him. Breakfast at the strange for it, but the Host said it couple for it.

"O, I suppose this is Miserable," he said. "I can see a very poor Month ahead of me—yes—not. Me wearing all my Bells and taking a Hurdle every Fur-

my Bells and taking a Hurdie every Burlong."

Hie rushed in to the Telegraph Office and sent a Wire to her, so that it would catch her at the first Station up the Road. It said not to worry, and to take a Good Rest and everything was moving along about the same as usual. With Love and Kisses.

After which he went over to the Brewery to see if they would make a Reduction on Wholesale Orders.

Hubby went up street with his Panama dipped down in Front, the same as the College Rakes wear them, and his Coat was thrown wide open to show the dizzy Pleats. His Cuban Blood was all the up and he told himself that he was the up and he told himself that he was the up and he told himself that he was the up and he told himself that he was the up and he told himself that he was a cartain Monotony and showing up with the Mikman. The College Rakes wear them, and his did to suspect that he needed that the was thrown wide open to show the dizzy Pleats. His Cuban Blood was all the Grman Garden until they began to chairs on the Table.

For the direct two Weeks it was In the thore was a certain Monotony and showing up with the Mikman. The began to suspending one's Moneyor, it struck his that there was a certain Monotony and showing up with the Mikman. The began to suspending one's Moneyor, it struck his that there was a certain Monotony and showing up with the Mikman. The began to suspending one's Moneyor, it struck his that there was a certain Monotony and showing up with the Mikman. The began to suspending one's Moneyor, it struck his that there was a certain Monotony and showing up with the Mikman. The College Rakes were the same as usual.

Wife to a Summer Place he ended I Hurrah by making a few Resolution and began to suspending one's Moneyor.

And she will always believe that while she was away. Which is just the chairs of the direct was a certain Monotony one's Moneyor.

After which he went over to the Brewery to see if they would make a Reduction on Wholesale Orders.

Hubby went up street with his Panama and dipped down in F

dizzy Pleats. His Cupan Blooc was all while she was away. Which is just as het up and he told himself that he was 19 years old, and never had a Home.

Oh, but he was Nifty. He was out of the Corral and into the Red Clover Heats with the Indians now and then.

NCE there was a Wife who gave the Money-Getter a Vacation by going into the Country for a Month. Dearie took her to the Train, and all the way she kept saying that it did not seem justs hight to romp away on a Pleasure Trip on and leave him Shell-Roaded.

He began to fear that she would Weaken, so he told her that while he was slaving and humping in the City, it would give him sufficient Joy to know that Darling was out in the Woods listening to the Birds. He insisted that she should stay until she was thorough If Hested. Of course, he did not dare to make it too Strong. He played the Self-Sacrifice Gag and threw in a Desh of Marital Solicitude and made an awful Try, at imitating one who has been to saked by a Great Sorrow. As the Missus looked at him through her Tears and held his Salary-Hook in hers, little did she suspect that he had framed up a Poker Testival for that Night and already the Wet Goods were spread out on the Ice.

He had told her that he was going to sit up in the Library every Evening and read Macauley's History of England. By opening the Windows on both sides showing more or less Stage Field.

rupted by a small Bunch of Food at the Dairy Lunch.

Then back to the unfamiliar Faces at the Boarding House.

Then sitting alone in the Gloaming, thinking of the Absent One.

Then an Hour or two in the Library with the jovial Macauley.

Then to Bed in the lonesome House and Dreams of Sweetie.

He gave her a Schedule which she could consult at any time. Day or Night, and thereby find out what he was doing at that Moment. It was just as convenient as sending a Marconi every Hour or so.

He held himself down until the Train had flitted around the Curve, for he knew that she was watching him from that it going to head off it is so the cone can be a small Bunch of Food at the Wight with Wight before. Especially the Wight before. Especially the Right before the Still, there is no one case that it going to head off it is so the cone case that it going to head off it is so the cone case that it is going to head off it is so the cone case that it is cone case that it is so the cone case that it is cone case the way and the cone case that it is cone case that it is cone case the cone case that it is case that He held himself down until the Train had flirted around the Curve, for he knew that she was watching him from the Observation Car. Then he threw his Hat in the Air and began to do resumed the Merry Cup a nothing division.

began to suspect that he needed a Guardian.

Like every other Man who sends his Wife to a Summer Place he ended his Hurrah by making a few Resolutions and begging her to come Home.

And she will always believe that he did the Macauley Act every Especial



how the briganthe's boat many trips from the shir chored vessel, and the say were dumped into the hol load wheat. But it was seers who saw these thin ers the expedition's doing blank since the vessel state. The stock has been some all prices from \$10 and I share—as the excitement share—as the excitement every report. Some of t great faith firmly refuse cost, while one, at least movers, has unloaded mu side cities. And so it the brigantine is spoken one of the world's ports the search, whether succe wise must remain for the tall tell.

One of those who see we the spirit not long since the brigantine deeply lad ure, laboring in a storm i hood of the line, in what the seer's story been on captain would doubtless even three times before

even three times—before jettison his cargo. In fa more likely that the cre to be jettisoned, if it wellighten the ship, for it wo jettison diamonds as tho cases of salmou, which ashore and cause reinsu Nothing has been heard Nothing has been heard bark Broughton also, wh mored was on a treasure dition to the same island the Blakeley sailed. The reported by Lloyd's and a ping lists to have sailed on November 25 for Coosince then there has been her

The Voyage

Gives Fortune Tell to Work Overtin News Recel

Port Essington Celet nation Not Kno Postponem

Grom Friday's I Since Tuesday mornin been more or less local voyage of the treasurehtine Blakeley, as a resuling of a bulletin (receive vine) that a lumber scherived at San Francisco speaking the Blakeley win board, bound home, or a matter of fact, nothineard from the Blakeley Victoria on January 6 fo although when H. M. Shound North a brigantin the Blakeley—was seen a island. With what succellived for treasure is un

island. With what succe delved for treasure is un the many stories of the are given credence, as the

Not long since a lady of her friends that she had eyes of the spiritualist hunters digging up diamo and. Another fortune how she saw the threaking through the wand picking up the glitter jewel-hilted swords of olior kings, the precious

jewel-hilted swords of old rior kings, the precious adorned a long-deceased coast cities, which were trichest of the world. On how the brigantine's boat

The B

DISASTROUS CO Many Lives Lost by F Japanese Stea

Steamer Riojun Maru, Yusen Kaisha line, wihd attle yesterday morning, ing her local cargo, brot collision between two J ers of the Osaka Shosen coast of Korea during the night of June 11, fraught with heavy loss fraught with heavy steamer Kumagawa mails and passengers, I of the same line, 30 mile po, at 11 o'clock on the magawa left port. T filled and foundered in carrying seven of the the chief engineer, 3 Koreans and 17 Europ Nineteen passengers, 1 Japanese and 15 Koreans the steamer Kisogawa 1 to Chemulpo. The Kis seriously injured, and cruiser Chikushi later f the wreck. One of the the wreck. One of the gers and one Japanese from the Kisogawa, only slight damage to Kumagawa Maru, which water, about three mile west of Osei island, will She was 346 tons reg Osaka in March, 1900, 000 ven.

000 yen. WILL CARRY A New Enterprise in V Are Interes

The four-masted Brit exander, a vessel of 18 where she recently arri-que, is to be dismaste the purpose of towing Juan harbor, on the V Vancouver Island, to V to Burrard inlet also, in Logging camps are being to Burrard inlet also, it Logging camps are beit San Juan harbor, and weather conditions usus the coast in that vicinit able to send the logs to as is done elsewhere. therefore loaded into the ander, which will be to by the Victoria tug Al upper harbor, which I general towing business The Albion will make r San Juan to Victoria we schooner and large car at the West Coast inle logs.

BROKEN RE The Sternwheeler Mountul on the f

Steamer Mount Roya er built here for the company has proved he cess by her work on According to private a the city from Wrangel has broken all records on the Northern river though the canyon at freshets were at their has also done away wi speed on the Stikine. the Northern river

ESSINGTON CE Not Knowing That F Was Posts

Steamer Nell, Capt. from Naas and way Skidegate, last night, of salmon from the Steiser, and a large co fish oil from Skidegate general cares. general cargo. From steamer brought news local sensation caused