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THE CRITIC,

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The editor of THE CRITICIS responsible for the views expressed in Editorial Notes and Articles, and for such only, but the editor is not to be understood as endorsing the sentments expressed in the articles contributed to this journal. Our readers are capable of approving or disapproving of any part of an article or contents of the paper; and after exercising due care as to what is to appear in our columns, we shall leave the rest to their intelligent judgment.

EDITORIAL NOTES.

CATS — Specimens of the odd appearing cats known as the Siamese, introduced into Europe during the last few years, were shown at a recent London exhibition. The ground color of one of the specimens was pale cream, slightly darker on the hird quarters, the color of the extremities—the muzzle, ears, tail and four feet—being a very dark chocolate, approaching black.

Washington Besieved by Office-Seekers.—So great is the rush of office-seekers at Washington that the President and the members of his cabinet find it almost impossible to keep up with their regular duties. Since his inauguration the Prosident has arisen at seven-thirty a.m., and his day's duties have not ceased until after two a.m. of the day following. This is down right hard work, and proves that in some respects at least the President's lot is not a happy one.

Public Clocks.—Twice a day the boom of cannon posts the citizens of Halifax as to the correct time, and it may be that this monitor is considered sufficient, and accounts for our deficiency in public clocks placed in the towers of public buildings and other conspicuous places. These abound in other cities, and the hours and sometimes the haires and quarters are chimed out by powerful but pleasant toned bells. The old clock on the Citadel still points out the time with some uncertainty with its maimed hand or hards, but the market clock has changed owners with the market building, and now its familiar face, gazed at by thousands daily through sheer force of habit, gives back no intelligent signal, and its voice is forever hushed. It stands in just the right position for a public clock, the post office, the customs and the ferry are all near by, and an effort should be made to have it set going. If the city will not bear the expense let a subscription be started, and we believe sufficient cash will be guaranteed to once more revivify this old and faithful public servant. The last and most eccentric public clock we notice is the one in the tower of the Intercolonial Station. It has three dials, and purports to give standard time. If ever a clock should be exact it should be this one, but truth to tell a more erratic time piece does not exist, and the traveller who relies on it is almost bound (no slang) to be lest. It is a Government c'ock, and, like most Governments, in its wild desire to please everybody it pleases unbody. The east disl is now handloss, the south is sometimes right, but the west is invariably slow. Even at the expense of another deficit let Minister Haggart give the travelling public a genuine surprise by making this clock show the correct time on all of its

FAST ATLANTIO LINE.—We seem to be fated to fail in all our efforts to secure a fast Atlantic service for Halifax, and, worst of all, we are divided as to what kind of service we want. Some of our leading citizens say that a fourteen knot service is all that is required, and sneer at the advocates of a line of ocean grey hounds, the best that floats both as to speed and carrying capacity, as visionary and impracticable. What we want to do is to make up our minds as to exactly what we do want, and having settled this point to unite in forcing our views on the Government.

Civio Taxation.—The lien law, a most excellent means of securing the prompt and certain payment of city taxes, was largely the work of ex-Mayor Mackintosh. In framing it and pushing its confirmation by the Council and the Assembly he was guided by the belief that it would save so much that was lost under the old method of collection that it would in the end tend to lower the city rate. Councils, however, seem to imagine that their sacred duty is to spend all the money at their disposal, and as the Halifax Council has proved itself no exception to the rule one of the ex-Mayor's objects has been defeated, and the rate of taxation has ste dily advanced. This, in the face of the hard times, is becoming unbestable, and it is time that a change of policy was introduced and strict economy enforced.

Marrying off the Strength.—The departure of an old and the arrival of a new regiment gives cause for much thoughtless laughter at the expense of the girls who are left behind. It is conceded that they have no hope left but to take up with some new arrival, and, having amused ourselves with the comic side of the question, we dismiss it without thinking of the bitter wrong that is connected with it. The soldier always has proved and always will prove irresistably attractive to feminine hearts. Like moths around a candle they flutter about, too many only to be singed and desirtyed body and soul, but still there are many who almost heroladly maintain their purity. These, however, are met with proposals of honorable marriage, and consent only to find that having married "off the strength" their position is little if any better than that of their frail slaters. In fact that marriage in such cases has only been a bait to lure them to destruction. It is a bitter, cruel wrong, this performing of the marriage service where the soldier has not the sanction of his officers, and the law should be amended forbidding the issue of marriage licenses or the publishing of banns in such cases. We do not pretend to say that many of these marriages do not result in happiness and constancy, but the many wives left behind with the departure of each regiment are proof sufficient of its dangers, and they should be frowned down.

The Interchinal Railwar—Under the economical management of Mr. Haggart the receipts and expenses of the Intercolonial have at last been made to balance, and the large deficits of the past have now been overcime. Only one conclusion can be drawn from this, and that is that for years the load has been extravagantly and recklessly mismanaged. Since Mr. Haggart has assumed control he has really impaired the efficiency of the road, and the volume of business has been largely decreased. That he has been able to make it self-supporting with diminished receipts only emphasizes the fact that the large deficits in former years were unnecessary, and proves that there must be a screw loose somewhere. Some hundreds of thousands of dollars have been lost to the country, and the one great public work in the Maritime Provinces pronounced an incubus to the detriment of the whole section, while now it is proved that with honest management there should have been a surplus. Some one must have been prefiring at the expense of the country, and a rigid investigation should be made to find the guilty party or parties.

In connection with the above subject the remarks of Mr. Kenny are pertinent. He pointed out that freight had not been despatched according to agreement, and that the Grand Trunk had really discriminated against the Intercolonial in favor 0, its Portland branch by failure to supply cars to move the freight. But can the Grand Trunk be now blamed for such a policy? It sought two years ago to secure competing connection with the Canadian Pacific for the traffic of Halifax by extending the Temiscoulata Railway to Moncton, thus gaining a short line to Halifax all on Canadian territory. The time was propitious to give the Maritime Provinces the boon of two great competing through lines, but the golden opportunity was allowed to pass, the Government would not grant any aid to the project, and to day the Canadian Pacific drains the business of the Intercolonial, and the Grand Trunk, thwarted in its efforts to gain direct entrance to Halifax, has thrown up the sponge and directed all its energies to make Portland the Winter Port. Who is to blame for this? The only possible answer is—The Government!

Manine Disasters.—The past winter has been a stormy one, and on the Atlantic has proved very disastrous to shipping. The great Atlantic liners have met with serious mishaps, such as having men washed overboard, upper works smashed and shafts broken, but all, with the except in of the Naronic, the great freighter of the White Star Line, have managed in some way to reach port. It is now generally conceded that the latter steamer has been lost, but there is still hope that some of the parangers and crew have been saved by passing vessels, and that the wicek of the Naronic is not to be shrouded with the painful mystery that still harge over the ill-started City of Boston.

BILL ADDLISHING PREFERENTIAL ASSIGNMENTS.—Mr. Cahan, in introducing in the House of Assembly a bill to prevent preferential assignments to creditors, has struck a popular chord, and the bill should pass without opposition. Preferential assignments to local creditors, by means of which foreign creditors have been cut off from receiving a penny of their claims, have become so common that the credit of the Province has been severely injured abroad. It was hoped that the Dominion Government would do away with the evil by passing a general bankruptcy law at the present session of Parliament, but this they have failed to do, so that Mr. Cahan's bill is most timely. In Ontario a similar act is in force, nicely drawn to prevent interference with federal rights, and it is high time that we had similar protection.

SHIPMENTS OF GOLD TO EUROPE.—The large shipments of gold from New York to Europe have been the cause of much uncasiness in financial circles, but the danger apprehended has now been safely passed, and the shipments of gold have almost ceased. The Cleveland administration did much to restore confidence by securing gold both in the Western States and Canada, and by its firm attitude in opposition to the silver legislation of former Congresses has plainly intimated that it has no sympathy with the advocates of free coinage. The repeal of the Sherman Silver Bill is one of the measures that the President has at heart, and although its repeal will be bitterly opposed by members of his own party, we believe that at its next session Congress will substitute for it a less objectionable measure, largely doing away with the fictitious value now placed on silver.

ITALIAN BANES.—France is just now being shaken to its centre by the revelations of fraud in connection with the Panama Canal Scheme. The mania for investigation has spread to Italy, where it was rumored the banks had been illegally advancing money to politicians to be used for corrupting the electorate. The committee investigating has just made public its report, and, while it finds that there is no truth in the reported advances to politicians, it makes revelations of the unsound business methods of some of the banks that are stertling. In most instances the banks have issued their bills to an amount greatly in excess of their authorized circulation, and their assets consist largely of paper on which advances have been made without any security. Such revelations in this country would cause a panic and a run on the banks, but the Italians seem to take the news quite calmly and to refrain from excited action in a manner that is aston ishing in such a hot-blooded people.

ABOLISH THE LEGISLATIVE COUNCIL.—Our small Province is just now suffering from too much Government or too many law-making bodies, and the sooner some steps are taken to reduce the expense the better. One legislative limb that has outlived its usefulness and should be lopped off is the Legislative Council. We believe that Premier Fielding has this reform in view, and that all his appointees to the upper chamber have been pledged to vote for abolition when the matter is brought up; but yet we see about all the other Provinces doing away with two houses, while we are still saddled with the expense of the unnecessary upper chamber. If the great Province of Ontario finds that with one chamber its public business is performed to its satisfaction, why should we hesitate to follow its example? New Brunawick has made the reform, and we believe that if Premier Fielding will exert himself, he may be able to induce the hon, members of the Legislative Council to perform the hara-kiri act with as good grace as possible and vote themselves out of existence. It will save money to the Province and should expedite the public business.

THE GERMAN ARMY BILL, -A political critis is imminent in Germany, which portends grave disaster to the Empire, unless wise counse's prevail and Chancellor Caprivi agrees to important amendments in the Army Bill now before the Reichstag. The Act is now being considered by the Army Bill Committee, and its members refuse to report favorably on it unless it is modified in several particulars. The Chancellor, under instructions from the Emperor, insists on the bill being presented as it is, and is assured by the committee that it will be defeated by a large majority. In this case the Reichstag will be dissolved and a direct appeal made to the country. Efforts are being made to force Chancellor Caprivi to resign, when it is hoped that the bill will be withdrawn and an appeal to the country in the present state of excitement avoided. There is every reason to believe that the popular verdict will be against the bill, and wise heads are trying to avert the certainty of strained relations between the Ksiser and his subjects by a timely compromise. The Emperor, however, is firm in his determination that the bill shall pass without medification, and there is every probabillity that when the Reichstag meets, after the Easter recess, that the bill will be descated and the Reichstag dissolved. Then will follow one of the most exciting contests that the Empire has yet had to face, and how it will end it is impossible to foretell.

Ward off Spring Diseases by taking K.D.C.

THE PANAMA SCANDALS.—The speedy and severe punishment meted out to the convicted swindlers in the Panama Canal investigation is creditable to the administration of criminal justice in France, and should prove a warning to ambitious financiers and promoters against resorting to wholesale bribery and corruption to advance their ends. A legislator with such a low estimation of his duties as to be willing to sell his vote to the highest bidder is never to be trusted. Sooner or later he will want more money, and the briber is again and again importuned for further advances. When he can give no more the tool turns against him, and in the quarrel that follows the unsavory facts become public, and both briber and bribed are brought to justice. It is the old case of rogues falling out, and proves, without seeking a higher motive, that "honesty is the best policy."

ARE WE PREPARING FOR THE CHOLERA?—The leading medical authorities are of the opinion that we will have a visitation from the cholera scourge the coming summer, and the question naturally arises, what are we doing to avert or mitigate the dangers of the attack? At the present time emigrants by the thousand are pouring through our port on their way west, some of them direct from Hamburg, where only a few months ago the disease was at its height. Danger from this source will soon be passed, as on the opening of navigation the steamers will discharge their living freight at Quebec and Montreal; but with the advent of warm weather the dauger of infection will be increased, and a rigid quarantine inspection should be enforced. Every householder should see to it that his premises are thoroughly cleansed from all garbage, and a vigorous the of the whitewash brush should be insisted on. With strict cleanliness and a pure water supply the dread disease, if it does effect a lodgement on our shores, will soon be driven back; but if the whole city is not freed from filth the disease will soon obtain a foothold and carry death and dismay to all quarters.

PRINCE EDWARD ISLAND TUNNEL.—There was some hope that the surveys and berings made last year to test the feasability of connecting Prince Edward Island by tunnel with the mainland would lead to some definite determination whether the great work would be undertaken or not. The unfortunate quarrel that has arisen over this preliminary work, and the unsatisfactory state of affairs shown to exist, has, to ray the least, not helped the matter along; in fact has given it a most decided set back. That the tunnel may be successfully constructed is not doubted, the only question standing in the way being the cost. When this is accurately determined it may be found to far exceed any practical benefit that could be expected from the completion of the work, and lead to the condemnation of the project. That a suspicion of "boodling" should have so soon developed is most unfortunate, and tends to confirm the belief that all great public works are more or less tainted with dishonesty. The tunnel would prove of such inestimable advantage to the Island that we should rejoice to see its construction under way, but we strongly object to the question being made a political kite, to be used only in influencing elections.

CLARKE WALLACE AND HOME RULE.—Heretofore the opponents of Home Rule in Ireland have accused the followers of Pamell and other Nationalist leaders of open hostility to the law of the land, while they have prided themselves on their love of law and order. Now, however, that the Home Rule bill is before Parliament for discussion, they are no longer contented with constitutional arguments against it, but have proclaimed that if it becomes law, they will never consent to its provisions, but will prevent the Act being enforced by open rebellion. As long as they had matters to suit themselves they were intensely loyal, but now that the law is to be changed to give equal justice to all, they prove them alves, as far as words go, more disloyal than the much-maligned Fenians. Many a Nationalist leader has been imprisoned for language less incendiary than that now used by Home Rule opponents, and it would be only politic justice to give these combuive gentry a dose of their own medicine. Foolish and disloyal as are these threats when uttered by residents of Ireland, who are directly affected, how silly do they sound when voiced by a member of the Dominion Cablnet. Mr. Clark Wallace has certainly extinguished himself by his exploit in this

THE PRIZE FIGHTING MANIA.—With all our boasted civilization it would seem that it is but a thin veneer, and that we have but to scratch the surface to find the savage underneath. Prize fighting is certainly the most brutal of sports, and although called the manly art, has not one redeeming feature to commend it. And yet it has been revived within the past few years, and through the medium of wealthy clubs has become a sport protected by the law. It has been found that there is money in the business, and now clubs in England, the States and Australia, are vicing with each other in offering the highest premium to attract noted bruisers to their arenas. The higher the stakes the greater the interest, with the eertainty that tickets of admission, no matter what the price, will be snapped up, and the building packed with men all anxious to witness a degrading spectacle. The fighters, their backers, the gamblers and sports who follow them around and wage their money on them, are not the workers who build up a country and make it prosperous, but the leeches who suck its very life blood. Yet page after page of the press is filled with the sayings and doings of these men, and the youths of the country are trught to look upon them as hereer, whose examples are to be followed. The mania is on the increase, and unless special legislation is passed forbidding prize fights and imposing heavy penalties, the evil will attain to such proportions as to become a curse. It is time to call a halt.

K. D. C. Restores the Stomach to healthy action.
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CHIT CHAT AND CHUCKLES.

LENT.

A MEDITATION IN CHURCH.

Tis sweet to put one's cares away
On better things intent-On better things intent—
I wonder why some people say
They're not quite ford of Lent?
I'm sure it rests me just to know
There's naught to do annuing,
And when to church I daily go
How little I am losing!

That lovely anthem? how it stirs
One's heart to new devotion—
Jack says I look so sweet in furs
Ite's here! he makes a motion
To me—how wrong! Nell hands her book—
That girl's attention bores him—
He smiles—in valu—I will not look—
He must be taught decorum?

A little Newark boy, when saked what the text was, answered, "many are cold, but few are frozen."

Mrs. McShantee (triumphantly)—" I see you are takin' in washin' rankin Mrs. McProudes."

Mrs. McProudee (whose husband has lost a paying job)—"Sure its only to amuse the childers. They wants the windies covered with steam so they can make pictures on them."

A CLEVELAND REMINISCENCE.

FATETIVILLE ACADEMY, Sept. 19, 1846

Tis education forms the common mind Just as the twig is bent the tree's inclined.

HE STARTED .- Mr Leight (during an evening call)-" What's the meaning of this clock striking t ree at half-past ten? It seems to want regulating.

Miss Startem-" Oh, no! That's pa's idea. He says that most any fellow when he hears one, two, three, will know ecough to 'go !"

THE ESSENCE OF EASTER.-Nelly-"Do you know what day Easter comes on this year ?

Ph-lo-" It d esn't look as if it would come at all."

Nellie-" What do you mean?"

Phobe—"Why, pa told me this morning he wouldn't be able to afford me a new bonnet."

Some Thixes They Missen .- " Way is it that the good are not niways happy 1" was the question which a Sunday-school tacher put to her class of boys last Sunday.

There was a dead silence for a moment, and then a little fellow piped out :

"Becau o they're thinking of the fun they ain's havin'."

One of the lest compliments Tennyson ever no incd was when wasking one day in Convent Garden. He was suddenly stopped by a reugh-'o king

man, who held out his hand and said:—
"You're Mr. Tennyson. Look here, sir, here am I. I've been crack for six days out of the seven, but if you will shake me by the hand, I'm hanged if I ever get drunk again ?"

ODE TO SPRING.

Is this spring—this melting air,
This dulling of the chilly breeze,
This sense of perfume everywhere,
This thawing where it used to freeze?

Oh, is it spring—this sudden change
From all that wintry weather rough—
Or is it something far less strange—
The weather bureau's yearly bluff?

A LITTLE Too SMART.—A correspondent of the Youth's Companion vouches for a new story of shrewdness.

A gentleman was sitting in the waiting-room of a station on the New York & New England Railway, when an Irishman turned away from the ticket-office and came up to him.

"I have got the best of this ould corporation for once in me life," said he.

"How is that, Pat ?"

"I have bought a round trip ticket to New York and back, and-in a whisper-I ain't comin' back."

The Cow.—The cow is very useful; if it were not for the cow we could

not have no milk to put in our coffee or tea.

Every part of the cow is useful: the skin is tanned into leather and shoes and boots are made of it. The flesh is good for food and is called beef; their horns are made into betton, knife handles and powder horns. Of milk butter and cheese is made. There is a glutinus substance by the hoof which is made into glue. Indeed if it were not for the cow, we should have to do without many things which are considered necesserals of life.— Euray on "the cow," written by Grover Cloveland in his ninth year.

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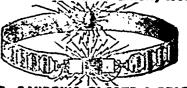
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THE Y P.S.C.E. AT WORK.—The Christian Endeavor Societies of Halifax and Dartmouth are uniting in an effort to prepare for the Maritime convention, which is to be held in Halifax this summer.

After much difficulty in obtaining jurors for the trial of Dr. Buchansn in New York, the evidence in the case is now being taken. The Discort is reported to be taking the whole affair very calmly.

Music Hatii Chaims.—That the people of Amherst appreciate the services of their local band is shown in the fact that legislation is about to be asked to empower the town to grant the sum of \$300 per year to the Amhorst batid.

ORANGES IN ABUNDANCE.—It is stated that the orange crop of Florida will this season probably be the largest ever known. The trees are now so laden with blossoms that should only helf of them mature the fruit would be almost more than the trees could bear.

thoroughly renovated since leaving Halifax, and will probably be extensively patronized during the coming summer.

THE WIVES MAY VOTE.—The Toronto city council has decided by a vote of 14 to 8 to allow married women the privilege of casting a vote in municipal affairs. Heretofore this privilege, or woman's right, has been enjoyed only by widows and spinsters owning property.

THE TELEPHONE PAYS .- The annual report of the American Bell Telephone Company, which was presented at a meeting held in Boston on Tuesday, shows the net earnings of the company for the past year to have amounted to \$3 411.674, against \$3,126,819 the previous year.

Music In Truro.—A Truro weekly jubilantly announces that "Truro has a Band." About seventeen members are enrolled and practices are held frequently. No doubt the Truronians and their visitors will during the coming summer find much pleasure in the music furnished by this company of musicians.

THE WELTONS AGAIN IN IT.—The end of the graveyard insurance case in St. John, N. B., is not yet reached. The Attorney-General of New Brunswick has stated that the Crown will again proceed with the prosecution ci Dr. Randall and C. B. Welton, and that Rev. Sydney Welton is to be included in the prosecution.

THE BRIDGETOWN POISONING CASE.—Mrs. A. D. Cameron has been committed to stand her trial at the next session of the Supreme Court, charged with having caused the death of her husband by administering poison. Public opinion as to the guilt of the accused is much divided, and she has many friends who sympathize with her in her trouble.

A NEW PAPER IN N. B .- The Northern Enterprise is the name given a new paper published in Campbellton, N. B., "devoted to the interests of the people of northern New Brunswick and the Gaspe coast." In its salutatory the Enterprise promises many good features in its future issues, and the publisher, Mr. T. W. Brown, appears to be determined to succeed.

A WAVE OF ECONOMY.—At a meeting of the St. John City Council held last week, the estimate of the expenditure for the incoming year was cut down \$20,000, and the St John tax-payers are jubilating over the fit of economy which characterized the last session of the City Council for the civic year just closed. The all important question which remains to be answered is whether, after the elections are over, the members of the new council will be imbued with the same spirit of economy. As compared with Halifax, the salaries of the civic officers in St. John are very sizable, but if retrenchment in civic affairs become epidemic the taxpayers of Halifax will probably have no reason to complain.

& PLAIN STATEMENT.

Hagyard's Pectoral Balsam curvs coughs, colds, asthma, hoarseness, bronchitis, tightness of the chest, and all diseases of the throat and lungs. Price 25c.

A BRIGHT OUTLOOK,—A Tatamagouche correspondent of the Truro Neice says.—" Probably not for years in the community has there been such activity in the lumbering industry as this winter. For the past ten or abundance of work and excellent roads, and weather to do it. The immense stir of the past few weeks should have the effect of putting our farmers on a sound financial basis."

Good For the Womenfolk .- An exchange says -- in New York over one hundred thousand of the sex which is "uncertain, coy and hard to please" are earning their living, and three-fifths of them support whole families. In a dry goods store recently it was decided to reduce the wages f the women in order that those of the married men might be raised; but investigation showed that the single women were supporting more people than the married men, and the proposed change did not take place.

Now your blood abould be purified. Take Hood's Sarsaparilla, the best spring medicine and blood purifier.

PROSPERITY IN YARMOUTH.—The people of Yarmouth are rejoicing in the signs of prosperity in their pretty city. Since the disastrous fire last year several handsome buildings have been erected, and this spring preparations are being made for the erection of several others. In addition to the large THE "HALIPAX" ON AGAIN.—The good S.S. Halifax will resume her number of residences that are being built, the ground is being made for the regular trips between this port and Boston on April 8th. She has been new summer hotel, which is to be built of brick and stone, and will afford accomodation for a large number of people. A new trunk factory is talked of, and, altogether, hard times are evidently not to be found in Yarmouth

> ROYAL LOVE AFFAIRS.—Although the engagement of the Duke of York and the Princess May has not yet been formally announced, the affair is nevertheless a settled fact. It is now said that the formal announcement of this engagement will be accompanied by that of the Princess Maud of Wales to Lord Roseberry. Two royal ergagements will cause quite a flutter in the highest circle of society in England, and this spring, will see a very different state of social affairs from that presented last year, when the whole realm was clouded with mourning for the early death of the presumptive heir to England's throne.

> THAT NEW CEMETERY.—The promoters of the new cemetery are again calling the attention of the citizens of Halifax to the project. It is positively stated that if a more liberal response to the call for subscribers to stock be not forthcoming, the plan made for establishing a new cemetery and the organization of a company to manage it must fall through. That the need for a new cemetery is urgent, every one admits, but when it comes to the citizens putting their hands in their pocket to aid the scheme, it seems to strike them in a different light. Halifax must have a new cemetery, and if the arrangements made for securing it do not meet with the approval of the people, some other way must be devised, and that without delay.

LYCEUM THEATRE, ZERA SEMON, Manager.

TWO WEEKS, commencing MONDAY, APRIL 3.

The Popular Character Comedian,

MR. WALLACE HOPPER Supported by the Talented Young Actress,

IVELLA FROBINSON. And an Excellent Company.

LAYING OPULAR LAYS AT

OPULAR RICES.

CHANGE OF BILL EVERY NIGHT.

evening prices 25 cts. & 35 cts. Saturday Matinee at 2. Prices 15 Cts. & 25 Cts.

COAL COMBINES do not disturb the equanimity of people using

GURNEY'S HOT WATER HEATERS and

on account of their ECONOMY, AND QUICK CIRCULATING QUALITIES, when put in under our

PLANS and SPECIFICATIONS, which are FURNISHED FREE.

THE OXFORD, The LATEST and BEST HEATER for DWELLINGS.

DOUBLE CROWN, The BEST and STRONGEST HEATER for LARGE BUILDINGS. BLOCK, WINDSOR; MILTON and CENTRAL SCHOOLS, and ODDFELLOWS' BUILDING, YARMOUTH.

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Manufacturers of Stoves, Scales, Locks, Hot Air Furnaces, Etc.

Plans and Specifications furnished upon application to IF. III. BATELT., BOX 87, ST. JOHN, N. B.

WHAT'S IN A NAME .- Azurizawa Ryochi Nichome Sanjukanboz Kiebashi ku is the simple name of a Japanese gentleman who has discovered the secret of photographing in natural colors. It is to be hoped that he will not imitate Daguerre by christening the process with his own name. Think of going to a photographer and telling him you want a dozen Azuri-zawaryochinichomesanjuka, bozkiebashikuotypes taken.

THE CHURCH HOSPITAL CLOSED .- The Church Hospital, on College St. has been closed, the reason given for this move being that the Victoria General Hospital and the Halifax Infirmary have made all the provision necessary for the accommodation of private patients, and, that, therefore, there is no need for the Church Hospital. The Sisters who have been in charge, and who have won many friends during their acjourn in Halifax, have gone to Boston.

Y. P. S C. E. IN MONTHEAL. - The Society of Christian Endeavor is fast becoming a powerful factor in the work of the Christian church. Organized twelve years ago in the State of Maine by the Rev. Mr. Clark, it has had a most wonderful growth, and has spread all over the civilized world. There are now over 23,000 societies, with a membership of 1.500,000. This year the twelfth International Convention is to be held in Montreal in July, when at least 20,000 delegates are expected to assemble. Such a gathering cannot but exert an influence for good, and as this is the first meeting of the kind to be held on Canadian soil, the Canadian Ecdeavorers are sparing no pains to ensure success.

A GREAT ELECTRIC RAILWAY.—The public will watch with interest the project for an electric railroad between Chicago and St. Louis, a distance of 250 miles. The road is now being constructed, and it is believed it will be completed before the coming summer is over. The plans of the enterprise include several power houses between the two cities. Its projectors are confidently counting on achieving a speed of more than a mile a minute for express trains. That these expectations will be realized seems almost incredible, but it must be remembered that the possibilities of the power of all the statistics of the power of the their trains. electricity are as yet but partly known. It is unhesitatingly predicted by electrical experts, that within the coming ton years electricity will supersede steam power on all the important railroads of the United States.

THE FRUIT GROWERS' VIGOROUS WORK.—The persistent and systematic effort that is being made by the N. S. Fruit Growers' Association is meeting with encouraging results. A meeting held last week to receive reports of those appointed to canvass for new members brought out some encouraging facts. The membership has been increased by about 300, a large number of these being life members. The petitions to the Dominion and Local Governments, praying for the establishment of an experimental station and school of horticulture in the Annapolis Valley, are being largely signed. The movement is a long step in the right direction, and is worthy of the encouragement of the people. Fruit growing is one of the most important of Nova Scotla's many valuable resources, and the Association is to be commended for the energetic and practical way in which it has taken hold of the work of developing this industry.

Cod Liver Oil has long been justly celebrated as a lung healer. Alone it is difficult to take, but combined with the Hypophosphites in Putner's Emulsion, it is agreeable to the taste, and unequalled by any other medicine for weak lungs.

IN THE SPRING, THE SMALL BOY'S FANCY, ETO .- The sidewalks of Halifax are becoming quite dry and clean, and in some places the dust has actually commenced to fly. In almost every street may be seen the small boy with his pockets bulging with "marbles" or tops, intent upon the fascinating games incident to the season. It is strange how faithfully the youngsters change their amusements with the seasons. Apropos of this, the St. John Gazelle says:-"The epidemic of taking up a game when its season rolls around is as contagious as we are told the cholera microbes will be next summer. One day the 'kids' all over the city may be doing just anything for amusement, and the next every mother's son of them will have an old pecked-up top and a piece of cord plucking away for dear life. Regarding the imitation theory, there never was a person who saw the first boy spin his top in any season, and furthermore, no boy could start the epidemic by spinning his top in the fall of the year."

WHERE IS THE "NARONIO?"-Since the freight ship Naronic has been given up as lost, there have been many conjectures made as to where and how she met her sad fate. Some time ago Capt. Roberts of the Naronic told a Sandy Hook pilot that the Naronic was the deepest rolling ship he had ever seen, that she had frequently rolled the ends of her bridge in the water, and that he was going to recommend the owners to have keels attached to her bliges with the hope that it might steady her somewhat. The Marine Journal says in view of this statement of Captain Roberts, and taking into consideration the fact that the Naronic carried a heavy and miscellaneous cargo of freight which it is not easy to properly stow, it is the Journal's firm belief that the Naronic "turned turle" upon being struck by a heavy beem sea and was thrown on her beam ends. Another heavy sea following would complete the work of capsizing her, after which she would very soon fill through the companionways, skylights and ventilators. It has been suggested by the agents of the White Star Line, that the missing ship is floating as a derelict in the great central Atlantic swirl known as the is floating as a derelict in the great central Atlantic swirl known as the Sargasso Sea, where at this time half a hundred abandoned ships are floating. This sea extends over nearly 5,000 square miles and has been called the dumping ground of the Atlentic. Collected there are logs from the African coast and the West Indice, orange shrubs from Florida, Brazilian flora from the Amazon, and floating debris and wreckage from all parts of the occan.

BEWARE OF CHOLERA.

The healthy body throws off the germs cholers, therefore wisdom counsels the ure of Burdock Blood Bitters this spring to purify the blood, regulate the system, and fortify the body sgainst cholers or other epidemics,

It is proposed to form an Electric Light and Power Company with head-quarters at Hopewell, Pictou County. Hopewell, Stellarton, Westville and Ferrona are to be lighted by this Company, the promoters of which claim that by damning the lakes they can have 500 horse power. It will not be long, judging from present appearances, until all the dark places of our Province will be made light.

Nor a Success.—The editor of the Amherst Press has grown weary of his endeavor to successfully run a daily paper in that town, and announces that he is about to quit. It would seem that a town of the size of Amherst, with its numerous manufacturing and other industrial enterprises, and with its energetic people, would consider the publication of a daily an absolute necessity, but the contrary has been proven, and from lack of support the Press has been forced to step out.

CHOLERA IN 1893.—According to late news from Europe, the cholera scourge is spreading in Russia, notwithstanding the cold weather, and there is much reason to fear that the disease will march through the world during the coming summer unless prevented by stringent quarantine regulations.

Steppe S seather Star, "Soft as Velvet," "Pure as Gold," that tells the whole story. Most highly medicated somp ever made. Try one cake. It is elegant. At all Druggists. Pric. 25 ets.

WE LIVE ≦ PROGRESSIVE AGE

Aim to Improve!

AND NOT DETERIORATE.

Our New Brand, the

Extra

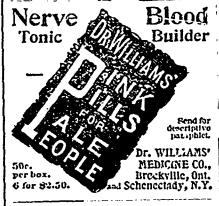
will be found to be exceptionally fine, and we respectfully suggest that amokers give this brand a trial, when our statement will be fully verified as to quality.

S. DAVIS & SONS.

MINES WANTED.

Persons having working Gold Mines for sale can learn of a purchaser by sending full particulars to

> P. O. Box 96, HALIFAX, N. S.





Address A. W. KNOWLES, Windsor, Ontario





EMERY O. PENDLETON.

A BATTLE WITH DISEASE!

The Enemy Routed!!

SKODA WINS!

Extremo Nervousness, Loss of Appetite, and Rheumatism,

DRIVEN FROM THE FIELD!

MR. EMERY O. PENDLETON OF BELFAST, MR. EMERY O. PENDLETON OF BELFAST, MER. NOW 45 TEARS OF AOE, WAS A MER. MER OF CO. I. 15TH 1870. ME. VOL. HE SERVED WITH BISTISCTION DURING THE WAR, MR.C DAN HONORABLE DISCHARGE AND IS NOW A RESPECTED MEMBER OF THOS. H. MARSHALL POST, G. A. R., OF HELL ANT ML. SIX MONTHS SINCE WHILE AWAY I HOM HOME AT WORK, HIS HEALTH AND TO FAIL HAPIDLY, AND HE WAS ROON OBLIGED TO LEAVE OFF WORK ENTIRELY. HE SAYS:

"Coupled with all my old army troubles.

midan to fall harfolt, and he was soon onlined to leave off work entrinely. He says:

"Coupled with all my old army troubles, thost my appetite, had a distressing and burning acusation in my stomach, extreme nervousness, so bed that the least excitement would cause large drops of swent to stand on my body for an hour at a time. Anything at a sudden, would cause me to stant not feel rapidly and became much emaciated. In addition to all this, a severe lineumnite trouble from which I have suffered severely ever since my discharge, causing my limbs and joints to swell badly set in. I was obliged to give any work, and became much emaced. Get THAN ting no better, I was in TAN ting no better, I was in the sum of the sum of

SHODAN LITTLE TABLETS
For Hendache and Liver Trouble.
With the Discovery they cure Rheumatiam. Mild, safe, efficient. Farsuperior
to any pill. Onco used you will have no
other. 50 in a box. Price 35 ets.

SKODA DISCOVERY CO., Wolfville, N.S.

SKODA'S LITTLE TABLETS, Mild, Safe, Efficient. Far superior to any pill. For Headsche and Liver Complaint nothing can equal these Tablets. With the DISCOVERY they cure Rhenmatism, 50 in a box only 85 cis.

[FOR THE CRITIC.] SUBMISSION.

Oh i Fate, 'tis hard to bow to thy decree—
To turn away from all the glorious noon,
The sunlit meadows, blushed with clover bloom,
The laughing brightness of the dimpled sea,
The heart-yearned hand-clasp soul-lit sympathy,
And plorce down, deep, the dark abyse of gloom
'Tis not so very much to sak, this boon;
A less'ning of the distaif, free of dread,
A glimpse of gold, athwart the dull-hued thread,
A breath of roses, aweet, with summer dow,
To walk as in a glory, pregnant through
With bliss of loving, dull content, a thing of naught,
But, banished for one hour with all things fraught,
To make our life a picture, rich, and rare.
Yet, beloved, if to our lot, there fall no chare,
Then, I will walk the briers, think it meet,
Siece, suffering, dear, with thee, makes all things sweet.
March 13th, '93.

SEAWEED.

SWEET AS FIRST LOVE.

A little book with here and there a leaf
Turned at some tender passage; how it seems
To speak to me, to fill my soul with dreams
Sweet as first love, and beautiful though brief!
Here was her glory, on this page her grief.
For tears have stained it; here the mostlight streams,
And there the stars withheld from her their beams,
And sorrow sought her white soul like a thief!
And here her name, and as I breathe the sweet,
Soft syllables, a presence in the room
Sheds a rare radiance; but I may not look;
The yellowed leaves to fluttering at my feet,
The light is gone, and I, lost in the gloom,
Weep like a woman o'er this little book!

IN THE LOBBY.

They say They'll sit by the fire and presume to know What's done i' the Capitel.

-Coriolanus.

Perhaps the most notable event of the week was Mr. Erestus Wiman's address at the Grand Opera House on Saturday ovening on the subject of Commercial Union. I shall not weary your readers with a review of what he said in support of a policy which has now p seed from the domain of practical politics,—having fallen from its cratwhile high est at as a Liberal propaganda to the innocuous sphere of a fad of the man who criginated it. The Erastus who is suffering from political mone-mania before the eyes of the United States and Canada to-day no more resembles Erastus of theological fame than he does the 'Rastus of ante-bellum days in the South. He is a man rather under the medium stature, "well-nourished," as the "postmortems" say, and active. His platform methods are pleasing, falling not far short of magnetic; his style is clear and plausible, and his words are always ready and happily chosen. It was a thoroughly Canadian sudience that gathered to hear him, and if he failed to clicit any interest that would survive the occasion it is because of the inherent futility of his scheme, and not that he lacked ability or opportunity to convince his hearers that it is a certain panacea for the soreness existing between the two countries at the present time.

One interesting feature of Mr. Wiman's visit to the Capital was the fact that he was invited to the club-house of the Ottawa Athletic Association and there presented with a very handsome gold-headed cane, in token of the appreciation by the Ottawa Lacrosse Club of his marked kindness to the members of the team when playing the American clubs at Staten Island a few years ago.

The Opposition executed a flank movement which rather rattled the Ministeralists on Tuesday last when, under cover of an arraignment of the Comptroller of Customs for uttering disk yal sentiments with regard to the Imperial authorities and the Home Rule bill at an Orange symposium in Kingston a few days ago, they moved a vote of cansure involving want of confidence in the Government. After Casey had set the ball rolling by a violent attack on the Comptroller, the latter replied that he did not think the House had any right to interfere with his views of British politics or any such subject. "Is it disloyal," said he "to attempt to do your best to maintain the unity and integrity of the Empire? That is what the men of Ulster are trying to do, and that is the point to which my remarks were directed." He refused point blank to retract the words which gave offence to his accusers. Dawson, of Addington, then moved a formal vote of consure on the Government for tacitly endorsing Mr. Wallace's views. After speeches from the acting-Premier, who disclaumed any responsibility on the part of the Government for the utterances of a gentleman who had no seat at the council board, and several prominent members of the House, a vote was taken which resulted in sustaining the Government by the small vote of 31. The Secretary of State and the Solicitor-general voted in favor of the motion. It will be an interesting question for parliamentary authorities to solve how Mr. Costigan could with propriety, not to mention consistency, support a vote of want of confidence in a government of which he was at the time a member.

Sir Richard Cartwright was in a very funny mood during this debate,—
the only time I ever knew him to be thoroughly good-natured. He said:—
"He did not suppose Mr. Gladstone would lose many nights' sleep because the Comptroller of Customs professed his readiness to assist robellion in Ulster.

(Laughter). He would suggest that to prevent Mr. Wallace carrying out his hostile intention, the Minister of Militia, who was a home ruler, he thought, should have a sum put in the estimates to pay volunteers to repel the movement of the Comptroller of Customs." (Laughter.)

Nicholas Flood Davin showed himself up in a very bad light during the discussion on Dawson's resolution. He attempted to disclose what took place at a Conservative Caucus on the Jesuits' Estates question when Sir John Medonald was alive, but was shamed out of it. He then wilfully micre-presented Clarke Wallace's relations with the Protestant members at that time, and was fistly contradicted by Messie. McKay, Sproule, Cochrane, and Gillet, all of whom were in the House at the period mentioned by him. Nicholas was at one time regarded by his party as a clover and good-natured grauk, but he is now bulletined as a thwarted office-scoker whose unscrupulous spite earries him beyond the bounds of decency. It is considered by men of independent views that the Opposition made a great mistake in attacking Clarke Wallace. If the Government was weak anywhere in the cautry it was amongst the Orangemen and people of ultra-Protestant views. Ciarke Wallace is the Supreme Sovereign (whatever that may mean) of the Orange Order in Ontario, and an onslaught on the Government because of an inflammatory speech by him, which was applauded to the cohe by his competriots, cannot fail to rally the latter to a man to the support of the Ministry. Will the Liberals never learn use four?

A very pretty fight took place in the Railway Committee of the Privy Council on Metaday. When the members and railway men foregathered that morning they expected to be regaled with the usual war of words between contending counsel, but they never for a moment imagined that the committee-noon was to be turned into an ampitheatre, where a most ambitious revival of a Raman gladidorial show was to be enacted. When ex-Judge Clarko of the C. P. R. and Mr. Donald McMaster, Q. C., representing the Toronto Junction Street Railway Co., entered the chamber they did not greet Chairman Haggart with Are, Caesar, morituri salutamus! or do anything of a character likely to excite suspicion of what would follow. Mr. McMaster first addressed the Committee, and when he had concluded Mr. Clarke proceeded to reply. In the course of his observations he, according to Mr. McMaster, perverted some of the latter's remarks. McMaster interrupted him continually, and at length said: "If you are a gentleman you would sit down."

"You say I am not a gentleman," yelled the ex-Judge. "I say you are a blackguard." He followed up this somewhat off-side re'ort with a right-lander on Mr. McMaster's best Sunday nose. McMaster countered on Clarke's diaphragm with a sickening thud. Clarke fell over a score of terrified members, but came up game, and, siming a left-hander at McMaster, missed, and struck the oppressive air of the chamber with such force as to dislocate his neck-tie, which, during the rest of the round, hung with a weary and neglige air over his back. Then the combatants clinched and exchanged heavy body-blows with the palms of their hands until separated by some of the burly attendants. After they had been sponged down, and their attire put in some semblance of order, they were informed by Mr. Haggart that if they apologized to the Committee, whose dignity they had so grossly offended, they would be allowed to proceed with their business. This was done, the belligerents became reconciled to each other, and the mose exciting incident of the session was brought to a close. Such a scene. is greatly to be deplored, but here is this much to be said, that it had a distinctly British flavor about it, and was attended with very different consequences to the two men than if they had fought out their row on the American plan.

The Caron charges were brought up again in the House by Edgar on Wednesday. The vote of consure was negatived by 50 majority last night. Dr. Weldon, Col. O'Brien and Calvin (Conservatives) voting for the motion

In supply on Thursday Mr. McMullen showed that the Governors-General since Confederation have cost the country \$1,215,660 in salaries, and \$113,903 in traveling and conting in expenses. As their Excellencies are generally conveyed without charge by the railways, it would seem that the item for travelling is a "mould-ring branch" that might be lopped off the Virginia creeper of expense that has taken firm root in the public treasury of the Dominion.

Ottawa. Br-Stander.

UNCONSCIOUS HUMORISTS.

What funny people the unintentional humoris's are. The man who toils early and late to make the jokes that eke out a scanty income, never evolves such huge'y humoresque ideas as fell to the lot of the unsuspecting paragrapher. Sometimes they appear in the "seciety" it ms, as when the reporter gravely states that "Mr and Mrs. Blank were at home delightfully on Wednesday evening." Why "delightfully" should be introduced no one could quite understand, but the very uselessness of its presence provokes the laugh denied to the obvious jake. Or it may appear among the obituaries, as when one reads that "the custain was dropped on the morning of life, and the young soul of Ella F. Smith fled to the kindred stars on the 17th of February, agod eight." Or it may be in a glowing account of a ball at which, the emusing reporter tells us, "among the guests were Mr. and Mrs. Blane (born Black) in pourl gray satin and duchess lace, Mr. and Mrs. Blue in crimson velvet and dismonds," etc., etc. How charming Mr. Blane (born Black) must have looked in poarl gray satin, and how quite too lovely Mr. Blue must have been in his crimson velvet gown and diamonds.—Boston Advertiser.

Diphtheris has often been cured with Johnson's Anodyne Liniment, when the dectors gave it up,

BOOK GOSSIP.

The Century for March is a fine number, Napoleon's face in profile forms The Century for March is a fine number. Napoleon's face in profile forms the frontispiece, and an article entitled "Napoleon's Deportation to Elba" will be read with interest. A paper descriptive of Westminster Abbey with excellent illustrations, A Sketch of Artist Life by the North Sea, good poetry, bright short stories, the continuation of the serials now running, with many other good things make up a most attractive number.

The Seasc 1 for April is full of seasonable designs for ladies' and children's garments. The new crinoline skirts are of the fixest shape and of varied styles. The wraps suitable for these skirts are also handsomely copied from 1830 styles, and are attractive and new for the present. Buth the colored and new olored designs in this number are very handsome, and a

the colored and uncolored designs in this number are very handsome, and a large number of misses' and children's costumes are given. Methers will appreciate the many and varied styl s to choose from for the family. The art work and home decertions are fully up to the high standard of The Season's illustrations in this department, making this number one of the very best home fashion journals before the public. Yearly, \$3.50. Single copies, 30 conts. The International News Co., 83 and 85 Duane St., New

Worthington's Illustrated Magazine comes to hand with a generous supply of good things for the entertainment of its rapidly growing circle of readers. The April number of this vigorous young magizine is the best that has yet been published, its table of contents showing great diversity of material and a most excellent list of contributors. The interest and value of its leading articles, the exceptional literary quality of its stories, proms, and department matter, are admirably supplemented by the fine press work and artistic illustrations which make this number as attractive as it is read-

Dr. George E. Ellis opens the March number of the New England Magazine with an article embodying his reminiscences of Dean Studey and Phillips Brooks at Plymouth. Dr. Ellis was a friend of the Dean and Phillips Brooks, and, on the occasion of the former's visit to this country, he accompanied the two famous divines to the old historic town of Plymouth. His piper, therefore, has a strong personal interest. It is illustrated with portraits.

In dainty-tinted cover with suggestive illustration of a flower-crown of maiden surrounded with tiny birds, comes the Eister number of the Ladies' Home Journal. The contrast in outward appearance of this number to them of the Lenlen Journal is very striking, be he being most appropriately chosen. The latest number is well up to the high standard of excellence attained by the clover journalists, who month after month through this publication reach the hearts and homes of thousands of women all over the land, with their elevating thought and helpful words. In very truth no woman or girl can well affort to lose the practical suggestions and valuable instruction given in the Journal, and the extremely low subscription price of one dollar per year leaves small excuse for its absence in any home.

"Columbus in Love" is the title of the story in the April number of Lippincott's Magazine. The hero, as may be supposed, is no other than the great and only Columbus, whom the American world of 1893 is delighted to honor. This April Lippincott is very Coumbian in its tone, and contains much interesting reading. J. B. Lippincott Co., Philadelphia.

INDUSTRIAL NOTES.

A BIG ENGINE.—The Burrell Johnson Iron Co., of Yarmouth, have just turned out a fine engine for the new mill of the Yarmouth Duck & Yarn The engine is a Corliss cross compound, having cylinders 17 and 30x 30 inch stroke, making 90 revolutions a minute, with a belt fly-wheel, 10 feet in diameter, with 30 inch face, fitted for two belts. This fly-wheel is the largest ever turned in a lathe in the Maritime Provinces. It weighs about 62 tons. The engine is so constructed that it can be worked separately as a condensing or atmosphere exausting, but when working together is a jet condensing compound machine. The crankpins, box s and other wearing parts of the engine are large, with liberal bearing surfaces. It will develope about 1200 horse power. It is supplied with strain from two large steel beilers, manufactured by the above firm, carrying 90 lbs pressure. These beilers also supply steam for heating the building. The water to supply the condenser is taken from the harbor, 350 feet distant, being drawn by an independent air pump of Patten's patent valve motion. entire machinery is of a massive and substantial character, and is in every way adapted for the purposes and economical working of the mill.

Picrou Biscuits .- Messis. G. J. Hamilton & Sons, of Picton, are adding a new oven to their already well equipped fictory for the further manufacture of biscuits. It will cost about \$3,000, and is being built under the superintendence of an expert in this line from Toronto. The Mosers. Hamiltons are noted for their push and enterprise, and are meeting with wellearned success in their business.

A Piorou Finn.—Messrs. Hogg, Craig & Co., grocors and lobster packers of Pictou, N. S., report business good. Their wholesale and retail grocery business affords employment for twelve hands, and during the lobster packing season their Picton Island factories give work to one hundred people.

OF COURSE YOU READ

The testimonials frequently published in this paper relating to Hoods' Sarasaparilla. They are from reliable people, state simple facts, and show beyond a doubt that Hood's Gures. Why don's you try this medicine? Be sure you get Hood's



Simply Awful

Worst Case of Scrofula the **Doctors Ever Saw**

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Worst Case of Scrofula

they ever saw. It was simply nwful! Five years ago I began to take Hood's Sarsaparilla. Gradually I found that the sores were beginning to heal. I kept on till I had taken ten bottles, ten dellure? Just think of what a return I got for that hoestment! A thomsmad per cent? Yes, many Prosand For the past 4 years Phave had no sores. I

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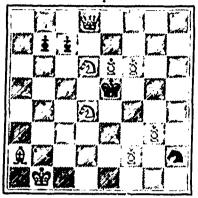
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CHESS.

SOLUTION TO PROBLEM 155. Q-QKt2. Solved by D.A.G. and

> PROBLEM 157. Black 4 pieces.



White 9 pieces.
White to play and mate in three moves

GAME No. 159.

Played in Dublin betwen Porter-Eeld Rynd, the Irish champion, and Mr. Harvey.

WHITE.	Black.
P. Rynd.	E. L. Harvey.
1 QKt—B3	P—Q4
2 P_Q4	P—QB4
3 7 - 64	
3 B—B4	P-K3
4 P—K3	P—QR3
5 P x P	BxP
6 Q-Kt4	P—KKt3
7 Q-Kt3	QKt—B3
8 Castles QR	P—QK14
9 Kt-K4	Q.—K2
10 B—Q6	BxB
10 D-Q0	
11 Kt x Bch	K—Beq
	Kt—B3
	Kt—Krq
14 P—KR4!	Kt x Kt
15 P x Kt	Q—B3
16 Kt—B3	B-Q2
17 B-Q3!	P K4
18 Kt—Kt5	$Q \times QP$
19 B—K4	B-K3
20 QB3 1	$P \times B!$
21 Q—B6 !	Resigns.

COMMENTS.

We have received a copy of the tri weekly Gleaner, published at Kingston, Jamaica, with some choss articles enclosed. In a "Novelty" contest lately held by the British Chess Magazine, the chess ed tor of the Gleaner, who is evid ntly a

problemist of no mean order, received second prize for the fine position given below. Being a "Novelty" contest, composers were allowed to employ any number of pieces, provided they could have been fairly obtained by promotion. Can anyone send in the solution 1

White—K at KB sq; Q at KR3; R's at K sq. KKt3, QKt3, KB7; B at QKt7; Kt's at KKt6, KKt7, KB2, QB2, QB8, QKt2, QR4; Pat K2.
Black—K at Q4; R's at QR4, QB3,
Q7, KKt4; B at KR8; Kt at
QKt eq; P's a K6, KKt5, KR7.

White to play and mate in two moves.

To those of our readers who may find the ordinary problem too difficult we offer the following easy position, which we will call

PROBLEM 158.

White-Q at K4; R's at QR eq and KR8; K at KB6. -R's at QR2 and QKt eq; P at

QKt2; K at QR eq.

White to play and mate in two moves. The solution will appear in a fort-

JUHNSUN'S ANDDYNE UNLIKE ANY OTHER For INTERNAL as EXTERNAL COS. Originated by an Old Family Physician. Think Of It Years, and still leads. Oene ration after Generation have used and blessed it Every Traveler should have a hottle in his sai hel Every Traveler should have a bottle in his sate hell Every Sufferer From Ilheumatism Serrous Heada he, Diphtheria could be attended to this Asthma, Cholera Storbus, Distribus, Laincheas Soreness in Body or Limba, Stim Johns er Strains will find in this old Ausbing relief and specify cure

value of the treaty to Canada. It was understood, for instance, that this country was to have access to the French markets under the minimum tariff, which would give us an advantage over non-treaty nations, but it seems that under the treaty now awaiting ratification there is some doubt as to what articles will be accorded this privilege. Another point that does not strike us favorably is that goods to enjoy this privilege must be shipped by a direct line of steamers. To ship by a line running out of New York, or by way of England, would mean furfeiture of the right to go in under the minimum tariff, while on the other hand French wines could come into Canada by any route whatever. There is also some ambiguity in regard to preserved fish and canned lobsters that needs elucidation. Still another difficulty presents itself regarding wooden sea-going vessels. Under the treaty these were to be allowed the privilege of the minimum teriff, but during the progress of the negotiations a law has been passed granting bountles to French vessel-builders. The value (1) of the minimum trriff to builders and owners of Canadian ships under such conditions is obvious. It appears quite certain that, with all these object onable features in the proposed tariff troaty before him, Mr. Foster setted waterly in declining to submit it for ratification until all the obscure points are cleared up, even though Canada has thereby to defer her hopes for extended trade relations in that direction.

The failure of Congress to repost the silver law causes far more apprehension and distrust among the people of the United States than is voiced by the press of that country, lost, at the present time, a crisis should be brought on that might prove dissatrous in its consequences to the whole trade of the country. Owing to the continued purchase of silver by the United States Government and the exportation of gold, much uncasiness and want of confidence have been created in financial circles, which have in in turn caused a general desire to heard capital, and thereby tend to bring on a monetary stringency which should, if possible, be avoided at this season of the year when merchants begin to require more accommodation from the There can be no doubt that the gold reserves have been trespassed upon. Great caution will have to be observed by the banks of the United States, as they cannot assist the Government and attend to the needs of their customers at one and the same time, at least not in the present emer-

gency, without one or the other party suffering.
Weekly Financial Review of Henry Clews and Co., New York, March 25, 1893.—"In the Wall Street market, there has been, through the last week, a distinct tendency towards recovery of tone and strength. Reaction and compensations have naturally done their work, and the result appears in an important recovery of confidence. The large outflow of ourrency to the West and other points which came so suddenly and unexpectedly has as suddenly abated, and the indications now are that, so soon as we have turned the 1st of April, money will flow back to this centre in considerable volume. Borrowers herefore feel assured that, so far as concerns the local money market, it is now only a matter of bridging over for he next two weeks; which is an assurance worth much as a contribution towards confidence.

There is a drawback to this encouragement, however, in the fact that a fall in the local rates for loans might restrict the present disposition to temporarily employ foreign funds here, which might cause a revival of the exports of gold That liability is a real one and no good purpose can be served by ignoring it. No doubt the late decrease in the exports of species of the control of the c has been largely due to our temporary borrowings of foreign capital; and to that extent the stoppage of gold shipments has been a postponement rather than a cessation of the movement. Besides, we are now entering a four mouths' period during which, in normal times, we usually ship several millions of gold per month; and, in respect of that prospect, the only question is whether there are any influences likely to vary these remittances from the usual average amount.

In respect to that question, there are certain facts that deserve special consideration. In the first place, during January and February, the export of our leading exportable products was hindered in an extraordinary degree by speculative withholding of those articles from the market. In the next place, this swelled our shipments of gold for those two months to possibly the extent of \$20,000,000 over what they would have been had the exports of produce taken their usual course. And, in the next place, the country is now flooded and the money market oppressed with an altogether extraordinary surplus of products awaiting export, and which, it would seem, must now begin to go out in large volume. The comparative magnitude of this surplus is shown by the fact that the visible supply of wheat is now 38,000,000 bushels groater than that of a year ago (following the extraordinary crop of 1891), and of corn 3,500,000 bush. groster; while the market value of the home visible supply of cotton is about \$5,000,000 above that of a year ago, notwithstanding its smaller quantity. The difference in value of the visible supply of these three articles combined, compared with a year ago, is fully equal to the normal averagenet export of gold from this time to June let. This is a fact that demands much credit in considering the probable movement of gold during the spring months.

The most important offset against this substantial factor is the fact that Austria has completed her loan for the reconstruction of her currency Charles Tupper, ad been a little too hasty in signing it. Some of the with the sensitive state of financial affair; now prevailing here, but would

COMMERCIAL.

The past week has been one of the quietest in wholesale circles that has been experienced for a considerable time. Of course this was to be expected for the closing week of the Lenten sesson, and besides the spring weather still hangs back. Cold nights with hard frosts have prevailed, and, though fine weather obtained for a few days, it has been succeeded by rough and cold winds and storms that have checked the hopes of dealers in all lines of trade. Retailers have felt the unfavorable influence of the past few days' stormy weather in diminished sales, more especially in spring fabrics. Country trade has also suffered from the breaking-up of winter roads, and remittances are reported poorer in consequence. All these causes can have but a temporary effect, and as the spring advances they must gradually wear

The proposed new treaty with France has been again the subject of a semi-conversational debate in the Dominion Parliament. Mr. Foster has system, and that the procurement of gold for that purpose will take effect found it necessary to make a further explanation in the House, the sum and immediately. The balance now remaining to be turned over by the substance of which was that he did not in the first instance say that he Rothschilds to the Austrian Government on account of this operation is would not ask Parliament to ratify the treaty this session, but that what he about \$15,000,000. Under ordinary circumstances the Rothschilds would did say was that unless the conditions were changed he would not do so. probably have sought to get this required sum of gold from the United In the cross-questioning that followed two facts were elicited, viz: that the States, as some \$12,000,000 was taken from us in January last for the like treaty was somewhat different in some important particulars from what the purpose. But it is at least supposable that a banking house with such Government spected, and that in the opinion of the Government Sir important direct or indirect interest in this country would not wantonly triffe "conditions" ref. ared to have have really an important bearing upon the look to unusual stocks elsewhere, and especially to the Bank of France,

On the whole, therefore, the prospective movement of the foreign exchanges, so far as may be inferred from existing factors, hears a hopeful aspect rather than a threatening one. And this is really, at present, the control ing consideration. For, both at home and abroad, we have gotten over the effects of the failure of Congress to suspend the purchases of silver, and all sides will regard that as a sleeping factor until the next assembling of Congress; which, from present appearances, seems unlikely to occur before next December."

I'my Goods.—The sudden check in the advance of spring has caused corresponding stoppage in the course of the opening seasonable trade in dry goods. The city retail trade has been very dull during the week, and the entry rooms of the wholesale houses have been nearly idle. Travellers are out on the road, but as yet their orders are very meagre. Occasionally a good-sized order is secured, but this is where some buyer is "struck" who has not been on the market nor ordered previously. Dealers will not order until the warm weather causes brisker buying by customers. Still considerable time is used in most of the houses in executing letter orders. These orders are mostly for staples and small wares of various kinds. Silks of all kinds have advanced in prices, but advance in the price of the manufactured product is not commonsurate with the advance in the price of the raw material. It will pay all dealers in silk goods to keep stocks well assorted and full. The raw material has advanced 61 to 71 per cent within the past year and everything indicates that it will further advance.

BREADSTUFFS.-In this market dealers report a very quite trade passing in flour for local consumptive wants—strong rollers and strong bakers receiving most attention. Values are easy though not quotably changed. Oatmeal moves in small jobbing lots for retail requirements at prices about the same as last week. The feed market is firm under light stocks and a good local demand. The feeling is reported easier in the West, but values are not sensibly affected here. In Chicago wheat advanced \$\frac{1}{4}c\$, to \$\frac{1}{2}\times\$, but there is no life in the grain trade, as both bulls and bears are waiting for a break, each believing that it will benefit them.

Provisions—The local provision market continues dull In the

Provisions.—The local provision market continues dull. In the absence of any transactions of importance, quotations remain about the same, but prices would undoubtedly be shaded considerably to induce trading. There is about the ordinary turnover in smoked meats and lard. Dressed hogs are in slow enquiry and values are easy.

BUTTER continues much the same in this market, there being no material change in the position of affairs. Good parcels in the several grades of butter bring firm prices for local retail requirements. Jobbing trade is fairly brisk at steady figures. In London, butter has been very slow at the recent advances, for arrivals have been heavy of Australian and bugers will not make too large purchases with the spring weather they are having there, bearing so apparently permanent a character. Not a cwt. of Canadian went into Great Britain in Feburary. There is a Canadian creamery on the London market and is quoted on the Produce Exchange there at 98s. to 104s., but no business is passing.

CHEESE. - The cheese market here is unchanged in tone. The small stocks in store are all firmly held, as they will all be wented for home consumption and cannot be replenished from Ontario or elsewhere. In London, cheere is a dull but strady market and prices remain unchanged for Canadian, holders sticking for current rates if they can get no more. For American there is a slow demand, but very few fine are offering anywhere, so that the top range is rarely made, and 55s, mainly marks the transactions for parcels said to be top quality. Night skims 42s. to 45s. New Zealand have gone as far as 56s., but agents have, themselves, been thereby surprised. But all this cheese is far from being fancy, and white skims remain neglected on the floor. Full creams realise with difficulty 52s to 54s. Even thus they hold the break on Canadian. Bar them, nothing could stop the later going up to 62s. or 64s.

Ecos.—Hens are laying pretty freely, as they have had a long rost all through the winter in consequence of the steady cold weather. Hence prices continue to ea-e off, although there is a moderately fair demand for good stock. Really good eggs in this market may be quoted at about 16c. Buyers in the country are paying 11c. to 13c. A report from London says that buyers are coming in with eagerness at the late reductions, heavy as they were, and though every steamer from the Continent pours in the evoids, prices remain steady and unchanged, for they are all taken. There is not a Canadian egg in the country.

APPLES. - Returns of the cargo of Nova Scotia apples per the Labrador, which arrived home on the 7th instant, show that they sold fairly well. Baldwins up to 20s per bbl., as also some splendid Russets, Spies and Ben Nevis 15s. 6d., Greenings 16s. 6d., No 1 Kings 18s. 6d., and Nonpareil 19s. Any more coming will do well, as all fruit is in small compass, and

alocks abroad are running very short. Dried Fruit.—Buciness continues much as before. The movement is not large, but prices rule steady. Some lines have, if anything, evinced a little more firmness. Valencies are fairly strong in New York, where prices are about to a pound higher than they were ten days ago. Demand on the local market is only fair, but, in view of the condition of outside markets, higher prices are probable before long. The current market continues to rule strong. The demand is still fair, and the next two or three weeks will probably see a much brisker movement.

-There is no change in this market for granulated or yellow SUGAR. augars, but there is more enquiry under the recent decline, and after April let, whou the lower rates of freight come in force, more business still is looked for. Raw suger is firmer, beet being cabled firmer and higher at 14s. 9d. Java is up to 16d. 9d. The N-w York market is strong, sellers of centrifugal being firm at 34c. cost and freight. Granulated in the same market has advanced to 42c., other grades of refined being up ic.

Molasses.—There is not much stirring in molasses at the moment, the price of Birbades at the Librads having declined to 12s. first cost, but it is said the advance in freights has about offset the rise in the price of goods. Triuldad molasses is very low, having sold at the Island at 7c. per gallon first cost.

TEA.—Teas continue to at ract attention, but nothing new has developed in them during the week. The characteristic is still the strong position of the market. Damand continues good, particulary for low and medium grades. The desirable lines are being picked up rapidly and the market is getting into aplendid shape for the new test, old stocks getting so reduced. The general opinion in England as fir as Assams and Coylons are concorned is that the bottom of the market has been seen for some little time, and these t-as are not expected to be any cheaper for some months to come

Fisu. -There is nothing new or noteworthy in the local fish market. Stocks on hand have now been well worked down, and there is no possibility of new supplies for several weeks yet, but in the absence of any outside demand, and only a very moderate local consumptive enquiry, there is no life in the business. There is no:hing special to note in any of the outside markets this week.

"I could not get my coat on, but Johnson's Andoyne Liniment cured my rheumatic pains."

MARKET QUOTATIONS.—WHOLESALE SELLING RATES. Our Price Lists are corrected for as each week by reliable merchants.

Out Lince Piece are corrected to	or as each week by reliable merchants.
GROCERIES.	•
SUGARS.	BREADSTUFFS
Cut Loaf	,
Granulated	. I Union to 7 to cold weather and many
Cirole A	11 10F ICS WIDLEY 'the Hillor States with a
Waite Extra C	
	there is every enc tragement now to look for
Extra Yellow C 3½ :	o 3% stronger markets. This advance of wheet
Yellow C	o 3% stronger markets. This advance of wheat
THA	would be equivalent to 22c. advance in flour.
	o land it is not at all uplikely that we shall see
Yalr 201	I A IUU CIUCUL ID IIIO DRICA OF HOUP SUITE AL.
	1029 next few days. In fact, the markets are
" Choice 31	033 already stronger.
Extra Choice 351	036 Unte remain very firm at the advance re-
Unlong Choice 871	and Courty notes, and will to the Edvance Ic-
MOLASIES.	039 cently noted, so do mill-feeds. The tendency
Barbadoes	is rather upward on oatmeal and oats and
	30 mill-feeds, corn and cornmeal quiet.
Diamond N	47 FLOUR
Porto Rico 30	35 Manitoba Highest Grade Patents & (0106.00
	none High Grade Patents 4.10 to 4.18
Trinidad	
Antigua	
Tobacco, Black	A 67 I UDDO DECOROS
" Bright 47t	
Biscuits	[Ukmes]
	BUUI KOHEGAAAAAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAA
Boston and Thin Family	636 Kiln Dried Cornmeal 2.65 to 2.95
Sode	RMAI IN INCIDENT OF COLUMN ASSESSMENT OF COLUMN ASS
Fancy 8to1	
	Shorts
HOME AND BODDION DOWN	
HOME AND FOREIGN FRUIT	S. Ground Oil Cake perton " and 30 66 to 31 10
Apples per bbl., No. 1 2.00 to	278 Moulee 44 44 52.000.24.00
Oranges, Jamaica, bris., New 6.00 to	
Lemons, per case \$ 3,50 to	on White Bears , Der bushel 1.75.03 on
Cocosa s.new per 100	t on I POL Bariey, Derbarrel 9 onto 4 cm
Onions crib.	Canadian Oats, choice quality. 421/ to 43
per lb, Canadian 236 0	Canadian Oats, choice quality 42% to 43 3 P. E. Island Oats 42% to 43
Dates poxes new 5 to	J. A. CHIPMAN & Co., Head of
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Figs. Eleme. 51b boxes per lb., new. 1010	II Control TITL C TY 114
1 ' imaliboxes orai	
Prunes Stewing, boxes,	9]
Bananas 2.00 to	2 50

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" American	181014
Hams, P. E. I., green	11
Prices arefor wholesalelotsonly, an	d are liable
to change daily,	

BUTTER AND CHEESE

Nova Scotia Choice Fresh Prints	28
" in Small Tubs	\$2 to 24
Good, inlarge tubs, new	2010 29
Store Packed & oversalted _	. Rope
Canadian Township	22 to 24
Western. "	18 to 20
Cheese.Canadian	11
" Antigonish	11%
	/-

SALT	•
, from st	\$1.50 ore
	SALT

MADE IN HEAVEN.

(Concluded.)

Then there was more haloing, polling and pulling this way and that in the shadow; and then Nicholas, in his long boots, was standing in the shallow water and stretching up his long arms, and the moon over the horizon, smote a long glorifying beam through the mist full on the streaming black hair, the face with all its flush of color and sparkle of eye, and then the mist rolled back on a puff of wind, and in the darkness Nicholas had Belle Burden in his grasp, carrying her to the stern of the gundalow, clasping her close, close to a plungirg heart, feeling her face droop on his, holding her suspended for a moment with one long kiss, taking her into the shelter of his arms after he had clambered back to his place, and holding her, wordless, almost breathless, silent, amidst the singing of the rollicking crew, till they had reached the meadow whatf aud sparated.

And then he walked home, still in that dream of bliss, to encounter the dector and the minister and Serena at the dying woman's bed-ide, and without time for explanation, expostulation or relusal, to find everything taken for granted, a slight shape clinging to him in the midst of sobs, the words being uttered that made himself and Screen husband and wife; and then all else put aside and overshadowed by the death agony of the mother, who had waited only for this to close her eyes and be away with all the shadows

the night.

"It ought to be a good match," said the doctor, "for it was made close upon the edge of heaven." And he motioned for the woman to close the blinds and shut out the moon, that lay now on the dead woman's forehead

like a glory.

If that moon shone anywhere upon a maddened, desperate man, it was a cruel fact. The upon Nicholas. But there was no help for it. It was a cruel fact. The women were calling Serena Mrs. Leavitt; the doctor had called her so to the people who came in. He went out in the barn and lay with his face Lidden in the new, sweet hay, fighting a fight with fate, failing miserably; touched, when he came in, and in spite of himself, by the sight of Serena's pailor and her effort at repressing her grief for his sake; confessing to himself that he had been a scoundrel, that he was properly punished, and that two women were being punished with him. He must not think of Belle. He put the remembrance of her far from him. He could not be brutal to Serena in her auffering.

The silence and depression and moodiness that wrapped Nicholas were all a part of the behavior proper to the time. And while it soothed Serena to see him apparently caring so much for her mother, it reproved her, too, for the little flutter down underneath all the grief in her heart, and made her love him and respect him all the more and turn to him more tenderly.

Perhaps nothing could have helped him sooner than the sight of Belle Burden's eyes flashing scorn when he went out at the funeral with Screna on his arm. If she could come there, if she could feel scorn and anger instead of pity for such a loss as Serena's, such wretchedness as his, it made him scornful and angry, too, and supported him amazingly. He decided to take Serena away far a few days while the women set the house in order; and when they came back he had reconciled himself to his lot with what grace he could.

He heard, within a few months, that Belle Burden had married a wealthy old farmer of the name of Rhives, on Tabard Hill, some fifty miles away. He could not tell whether the pang that shot through him was most of relief or of indignation; but he thought, as he glanced at his wife: "Serena would not have done that! Serena would have faded away and died if I had served her so !" And, gradually, as he saw Serena joyous once again, singing soltly as she went and came, trusting, innocent, tender, he felt again something of the content that he had felt in the beginning; and Serena, believing him happy, was wrapped herself in a gentle happiness that it

seemed no trouble could dissolve.

It was early in the second year of their marriage that Nicholas heard that Belle Burden's husband had had a stroke. Sererna had never even heard of the existence of Belle Burden. It was idle for Nicholas to pretend not to hear, to ask no questions, to say to himself that it was nothing to him. He did hear; he conjectured everything. The fact grew and grew and became all the world to him, and the sky darkened over him, the air around him, he was beset by unrest; he had no words for any one; he answered Screens with a monosyllable. If she caressed him ever so slightly, he put her aside. He saw her wonder, her bewilderment, her pain; it hunt had no hunt her and then he was lost incide him over and then he him that he hurt her; and then he was lost inside his own atmosphere of blackness, and neither knewnor cared for Serena's hurt, for the sign of tears upon her sweet face, for snything but a wild, unconquerable longing to see

Belle Burden and to know if life and the world held any hope for him.

Hope of what? Vague ideas of flight, of disgrace ignored, endured, lived down, of life to be spent in rapture, flitted about him without becoming positive, but in the long months a plan of action slowly took shape;

and one day Nichelis was gone.

It was the next day that a man with gray hair and eyebrows, and his face half hidden in a thick gray beard, applied for board at the house of Mrs. Rhives, on Tabatd Hill. Some books under his arm and a scoop net

1892, "THE CREAM OF THE HAVANA CROP."

"La Cadena" and "La Flora" bran la of cigarcare undoubtedly superior in quality and considerably lower in price than any trand imported. Prejudiced amokers will not doubt thin to be the case. The complessor throws it. S. Dayin & Song Jostreel,

in his hand gave him the appearance of one of the naturalists who sometimes explored the country; and, as he offered payment in advance, his request was granted, and he began to look about him scrutinizingly after

the first eager sens: of delight.

But what a place was this beside Serena's calm and orderly house-a best room gorgeous with tapestry carpet, gilt paper, chromos, plush upholatry, lace curtains, where one could write one's name in the dust; a living room unswept, unaired, smelling of all the dimers ever cooked; wall paper and ceiling smoked and stained; a child, a miracle of dirt, crawling on the floor; a drooling old man in his chair in the corner, peevishly complaining and receiving a harah taunt in reply; a slatternly servant-maid disregarding old man and child equally, and flirting at the back-door with a farm hand; the mistress of the house off about her pleasure the best of the day; the dishes tossed about the table, the soiled and tumbled cloth awry, the bread sour, the tex lye, the butter bitter, the talk only a wrangle, alternating between reproach and definite. But Belle herself! The stranger looked at her over his glasses, and his heart swelled; he saw her as he had seen her—not as she was; it took many days before he recognized that she was larger, redder, coarser, and that that voice of hers was more like a clarion than ever.

But his thought was that all this would be different if she were happy; that she married this old man in desperation; that she was wretched; that she defied circumstances; that she forgot her misery only when out of the house, and was reckless when in it. It took many days again to show him the truth here. It took many boisterous parties of young people making merry there tid late at night, dancing, rude jollity and fun disturbing the old man; keeping the neglected child exiled; Belle the noisiest and gayest at night, hardly rising before noon next day, crumpled and disheveled, unwashed, uncombed, auswering the remonstrances of her fretful husband with a jeer, paying no heed to her child at all—it took at last the night of the child sick, and shaken when it cried, and left to what care it could get —it took a noisy quarrel and a glass of water dashed by the wife into the face of the helpless old man—to wake the sleeper from his dream.

The gray-branded stranger gathered his books and his schop-net, paid

his bill and left the place.

"I guess he's sick of his birgaio," said Belle, looking after him. "But he won't come fooling round here any more! He thinks I didn't know him. I reckon he's seen whether I care!" Then she caught up her biby

and washed its face and kissed it.

What was the reason that Nicholas could not go home at once? D.d. he feel as if life were a pricked bubble and he must find some hole in the ground and creep into it? Did he feel a definit batred of ail womankind together and a desire to separate himself forever from the sight of them? Did no feel that he was not fit to cross the threshold of his pure and gentle wise? He burned his gray disguise and went down to the shore and ship-ped before the mast on a coaster bound south. And in the long watches of the nights on deck, kept company by the stars and waves and winds, it may be that he wrestled with the dark spirit, that memory of gentle ways and loving touches and tender eyes haunted him, that old feelings began again to stir in him as life stirs in the earth at the coming of the sun, inspired and wormed and strengthened into something that he had not known before, that he begin to long for what he had thrown away, that Serena's face was hovering ever before him like that of some Madonne, that the home he had left seemed heaven and he the most wretched exile to whom it had ever been forbidden.

Serena sat beside the hearth one twilight, the low light of the fire flickering over the pale, pure face gently rocking and softly weeping over the little baby at her breast, when the door opened and a tall, dark shadow lingered there; and then, in another moment, Nicholas was beside her and upon his knees, with a cry of joy, of autprise, of grief and shame. She did not say a word, but put her other hand about him and gently drew him

down and laid his face beside the biby's and bent and kissed it.

"My wife! My child!" he criel, and his arms were about them both.

"I don't deserve it! On, I never shill deserve it!" he subbed. "My life, my love, to-morrow I wiltel you all, but to-night only forgive me!"

—Harriet Prescott Spayord in New York Ledger.

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CHANGE OF AIR ORGANIZED

The following suggestion is made to Americans to Scribner's Magazine, but it is equally applicable to ourselves :- Let aix families possessed of approximately equal incomes and imbased with mutual confidence and good-will, engage five sets of summer quarters and one suitable lodging in Chicago. The summer quirters should embrace such variety of allurement and climate as should promise to satisfy the greatest variety of tastes, and may be known as A, B, C, D, and E. On the first of May family No. 1 shuts up its city house and goes to Chicago for a month, leaving its infants and school-children with family No. 6. On the first of June family 1 returns, and families 1, 3, 4, 5, and 6 go respectively to summer houses A, B, C, D, and E. Family No. 2 goes to Chicago, sending its children to A with family No. 1. On the first of July family No. 2 returns to A, gets its children, and goes to B, where family No. 3 have been spending June. No. 3 leaves its children with No. 2, and goes to Caicigo for July. August i family No. 3 returns to B for its children, and takes them to C, where family No.

has been, and family No. 4 goes to the Fair leaving its children with

family No. 5.

On the first of November all the families will have been thoroughly to the Fair, erch family will have been relieved of all domestic cares and expenses during its mouth's absence, and will have enjoyed besides its fairing a more diversified experience of summer resorts than it could have got in any other way at anywhere near the same cost. It will be seen that by a simple variation of the arrangement suggested, the rotary system can be easily made to provide fresh summer scenes and a change of air for each family once a month from June to November. Indeed its adaptation to Fair purposes is only incidental, its original design being to slake the summer testleteness of American families, and afford an economical and pleasint vent for the national propensity to move on.

The system is as elastic as it is simple, and leads itself to all sorts of modifications which will readily suggest them elves to the ingenious nind It is not impossible that in the course of the summer the bilongings of the various families will get more or less mixed up, and it might be as well to hold a rill: at the end of the season whereat property rights in children and movables of disputed ownership would be set hed by the allutment of chance. That detail and many others, however, would provide for themselves. The plan is fessible; that is self-evident. It might not work with

perfect smoothness; but at least it would buing along.

IMPERIAL FEDERATION.

To many Canadians, the subject of Imperia Federation is a live one, and Mr. F. Blake Crist in secret comity "Scrept and Suals" in the Morth number of the Diminion Illustrate I Monthly of the position takes by Sor Charles Tapper in connection with the searm; will no double be read with interest. Mr. Crofton says:—'There is a difference between those two prominent imperial federa-insists, Mr. G. R. Parkin and Sir C aries Tap per. Mr. Parkin tells the Canadian people they must contribute to the imperial establishments if they wish to secure imperial representate nand part nership, and the improved status and security accoung the reto-Charles is not content with asking that fair allowance be made for Canada's contribution to the empire in the shape of hartranse attitudal rullway. He tells Canadians they are already contributing enough or almost enough. He asks for imperial representation with ut taxation—he wants somethis for nothing or next to nothing. In Sir Charles the matrices of the practical politician apparently predominate. Our purantic status, if undegnified and precirious, is cheap; and economy may outweigh all other considerations in unaroused constituences.

Mr. Parkin feels the humiliation and danger of incomplete citzensia. more deeply; he sees inevitable change impending and argues that parenership with the empire is the most economical of the future conditions that are open to our choice. He has a higher opinion of his countrymen than Sir Charles. He trusts that ambitious manhood is not dead, but only sleeping, in the average Cavadian constituency, and his vital concern is not that it be aroused in time for the next election, but in time to secore the unity of the empire. In this respect he shares the faith of the greatest statesman of Nova Scotia, the Hon. Joseph Howe, a faith that is noble even if it should happen to be proved false. 'But I will not fer a moment,' wrote Mr. Howe, in his 'Organization of the Empire' (London 1866), 'do my fellow-colonists the injustice to suspect that they will decline a fair compromise of a question which involves at once their own protection and the consolidation and require of the ampire. consolidation and security of the empire. At all events if there are any communities of British origin anywhere, who desire to enjoy all the privileges and immunities of the Queen's subjects without paying for and defending them, let us ascertain where and who they are—let us measure the proportions of political repudiation now, in a season of tranquility, when we have leisure to guage the extent of the evil and to apply correctives, rather than wait till war finds us unprepared and leaning upon presumptions in which there is no reality."

CONFIDENCE.

"I promised never to say anything about that, so you must not mention it." How eften after 8 me particular confidence do you hear this remark, the speaker evidently not seeing how his own words are accusing him of a lack of loyalty and a breach of trust. He has given his word that what was told him should go no further, and yet at this, perhaps his first apportunity, he tells the whole story to some friend, without ever st. pping to think whether he has the right.

His help or advice might have been sought, and that only after much hesitation, als friend fearing to trust his secret to anyone, but encouraged by the thought that no one else need know it. Yet this unworthy confidant, without a second thought, betrays his trust. Even if told that he was doing so, he probably would look very much surprised, and say: "Oa, no! mide Jones promise to say nothing, and of course he wont."

But why "of course"? In all probability what he himself has done is exactly what his friend will do. So the story goes, until the pour man to whom the story means so much might just as well have called together a company of his friends, and some who were not his friends, and confliced in them in a body.—Harper's Bazar.

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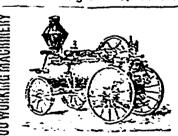


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MINING.

MINES REPORT.

On Monday last the Commissioner of Works and Mines laid before the house the financial returns of the mines department and the report of the department of mines. Mr Browne, the accountant of the department, has compiled several tables showing at a glance the sources of revenue as condensed from the financial returns, and through his courtesy we are able to lay these before our readers—The report on the mines of Nova Scotia by Doctor Gilpin, Deputy Commissioner and Inspector of Mines, is as full of useful information as usual, all carefully selected and presented in the most

The mineral production of the year 1892 compared with 1891, is contained in the following table:-

-			1891.	1892.
Gold	. Ounc	08	23 391	19 998
Iron Ore	.Tons.		57,311	75,000
Manganese Ore	. "		41	111
*Coal raised			2,044,784	1,942,780
*Coke made	. "		34,148	55,000
†Gypsum			161,934	162,285
[Grindstones, etc			19,800	11,792
Moulding Sand	. "		230	175
†Antimony Ore		• • • •	10	
Limestone	66		18,000	
Copper Ore		•••	900	26
Lead Ore		•••		1
*Tone of 9940 the +1 mos			A titalna i	n dellens

†Amount exported. The coal trade returns show a sale during the past year of 1,752,934

tons, against 1,849,945 tons in 1891.

The falling off was due to decreased home consumption, lighter sales to Quebec and the United States, while the shipments to Newfoundland and New Brunswick remain about the same as in 1891.

The gold returns in 1892 show a decrease when compared with 1891 of 3393 ounces. To quote the report "the returns for the year 1892 show 32,552 tons of quartz were crushed, yielding 19,998 ounces of gold for 193,761 days' labor, as compared with 35,212 tons of quartz yielding 23-301 ounces of gold for 149,381 days' labor. It is to be regretted that small as our annual returns are, there is again a decrease as compared with the year 1891."

Since the completion of the table, returns have been received from Waverly showing 1051 tons of quartz crushed, and 332 ozs. of gold for November and December, and returns from Truro mill, Caribou, showing 30 tons yielding 750 ounces for the month of December, making the actual total amount of gold mined in 1892 21,080 ozs.

The Oldham district leads in the return of gold, the total being 3093 ozs. from 2259 tons crushed, being an average yield of one ounce seven pennyweights and nine grains per ton. The Malaga district comes second with a yield of 2656 ozs from 2720 tons quartz, and the Stormont district third, with a yield of 2462 ozs. from 3652 tons quar z. The district showing the highest average yield per ton of quartz is the Uniacke, the average being 2 ounces 18 pennyweights 12 grains, or a total of 2300 ounces from 786 tons of quartz.

There has been a marked increase in the production of iron over 1891copper shows no improvement, gypsum continues much the same, manganess shows an increase, and a shipment of one ton of lead ore is noted. future issues we shall go more into the details of the report, but have to curtail our remarks to give space to the tables of financial returns.

THE MINING SOCIETY OF NOVA SCOTIA.—The Annual General Meeting of the Mining Society of Nova Scotia was held at its rooms, 129 Hollis St., on Wednesday, and was largely attended.

The morning session was called to order by the President, Mr. H. S. Poole, F. G. S.. of Stellarton, the other officers present being J. E. Hardman, S. B., Oldham, Vice-President; H. M. Wylde, Secretary, and Charles Archibald, Cow Bay; G. W. Stuart, Truro; and B. C. Wilson, Waverley, of the council; and the following members—Dr. Gilpin, Joseph H. Austen, Duncan McDonald, George E. Francklyn, Geoffrey Morrow, Alfred Woodhouse, F. G. S., R. G. E. Leckie, W. G. Matheson, C. S. Harrington, J. M. Reid, Wm. Smaill, T. R. Gue, Howard Clarke, Captain G. Macduff, A. A. Hayward, H. Graham, D. W. Robb and Captain W. R. Thomas

After routine business and the admission of new members Mr. W. G. Matheson read his paper on "Fuel Economy," which was highly commended by Messrs. Hardman, Poole, Reid, Hayward and other members in the discussion that followed. Not having been received in time to be printed in advance of the meeting this paper will be open for discussion at the next

A very interesting and instructive discussion followed on Mr. Alfred Woodhouse's paper on "The Occurrence and Reduction of Gold," in which the President, Mr Hardman, Capt. Macduff and other members took part, the President, Mr. Hardman, Capt. Discoull and other members took part, the opinion being that the principles laid down in the paper were so general and so indisputable as to call for little or no comment. This paper appears in our present issue and the others will be printed in succeeding issues Mr. B. C. Wilson's very able paper, "Netse on some Special Features in Lode Formation and Deposition of Gold as presented in the Waverley Gold District, Halifax, N. S.," was being discussed when the meeting adjourned. Pressure on our space forbids us to do more than mere'y refer to the proceedings. At the afternoon session the following officers were elected: ceedings. At the afternoon session the following officers were elected:

President, H. S. Poole, F. G. S., M. E., Stellarton, N. S.; Vice-Presidents,

1. E. Hardman, S. B., Oldham, N. S., R. G. Leckie, Londonderry, N. S.;

The continuation of the article on "in Yeins" is crowded out of this issue.

David McKeen, M. P., Sydney, C. B.; Treasurer, T. R. Guo, Halifax; Secretary, H. M. Wylde, Halifax. Council—Chas. Archibald, Cow Bay; R. H. Brown, Sydney, C. B.; D. W. Robb, Amherst; Chas. Forgio, Westville, N. S.; A. J. Sjostedt, Bridgeville, N. S.; B. C. Wilson, Waverley; J. H. Austen, Halifax; G. Fraser, New Glasgow; G. W Stuart, Truro. The dinner at the Halifax in the evening was a very enjoy; ble ending to the most interesting meeting the Society has yet hold

Mr. Dickman, of Cleveland, Ohio, who is taking a look at our gold mines. was present at the meeting.

mines, was present at the meeting.

MINING FINANCIAL RETURNS.—We are indebted to W. H. Browne, Chief Clerk and Accountant of the Dept. of Public Works and Mines, for the following tabulated statements:-

Amounts received from various sources as revenue by the Dept. of Mines for the year 1892. Also showing a comparison with 1891.

joi inc year 1003.	THE SHULL	ey to compan	toon with 10	J1.
Source.	Year 16	91. Year 18	over 91.	Decr. of 1892 with '91.
Prespecting Licenses	\$10,133 37	\$ 7,371 9		\$ 2,761 59
Rents (Gold Lease Appl)	1 622 00	1,926 0		
Gold Rentals		1,653 !	0 244 00	******
" Royalty	8,360 49	8,199 4	2	161 07
Licenees to Search Mnl. other		•		
than Gold and Silver	4,340 CO	5,040 0	0 700 00	******
" Work and Leases, do.	1,600 00	1,925 0	0 325 00	*******
Rentals, do.		3,030 0	0 630 00	•••••
Iron Royalty	•••••	180 5	0 180 50	••••••
Coal "	143.572 10	135,962 8	0	7,609 30
Foes for Searches, Registra-		•		•
tion, etc	215 50	408 1	0 192 60	

\$173,652 96 \$165,697 30 \$2,576 10 \$10,531 76

Memo showing the amounts received from the undernamed sources (in connection with the gold product) by the Dept of Min s during years 1891 and 1892 from counties mentioned herewith.

1032 jroin as								
i e			Licens				Gold Lea	
	183		189:		183	31.	189	2.
Yarmouth \$	127	50	158	63				
Cumberland	179	00	10	00				
Victoria	351	01	341	77	48	00	91	00
Kings	575	00	2	00				
Queens	1185	18	793	Gŧ	142	00	92	00
Guysboro	1259	89	1892	19	380	00	897	00
Hants	1457	01	419	74	196	00	154	00
	1534	62	870	31	128	UO.	136	00
Halifex	1541	73	2375	21	578	00	540	00
Colchester	1633	05	367	01	142	00	14	00
Other Counties	289	38	141	48	S	00	2	00
1 ===							-	
\$10	133	37	S7371	98	Şī	622	SI S	926
G	iold R	entale			Ro	yalty	on Gold	
1891.			1892.		1891		189	<u>"</u>
Colchester8202	50	SI	16 00	\$	6 :	39	••••	••••
Lunenburg 195		1	76 00		9 8	37	S 4	53
Guysboro 236		3	13 00		527	12	1,073	23
Hants 206		3	24 50]	,239	73	1,157	41
Queens 189		1	75 50	•	2,195 (69	1,281	77
Halifax 347 (5	13 00	4	1,381	10	4,657	08
Yarmouth 33	.0		27 UO			•••	25	40
Other Counties	•••		8 50		******	•••	••••	••••
\$1,409		\$1.6	53 50	88	3,360 4	13	\$ 8,199	42

Memo. showing amounts received by the Department of Mines, Nova Scotia, during years 1891 and 1892, from various sources in connection with Minerals other than Gold and Silver in undernamed Counties.

W. 11 14 11111										
	Licen	ses t	o gearch.	Licenses to w	ork and l	casse.		Ren		
	189	1.	1892	1891.	1882	_	1891		1803	2
Cape Breton			\$1,590 00	\$150 00	\$ 450 (200	\$ 600	00	\$30,00	00
Cumberland			750 CO	425 00	1,025	00	S10	00	SIO	00
Pictou			750 60		75 (570		730	00
Inverness			510 00	125 60				•		-
Anticonish			120 00	120 00	120	••				
Richmond			210 00							
		w	60 00							
Yarmouth Other Counties.		66	1.029 00	225 (0	250	60	500	00	450	00
Oraci Ovanaci.		<u> </u>				_		_		_
•	\$1,310	00	\$5,040 00	\$1,000 00	\$1,925	00	\$2,400	00	83,030	00
			Cox	L ROYALTI	E3.					
			-						10013	
					1831	L			1892	
Capa Breton.		_			974 406	28 6		337	994	GS
Octation Diction	•••••	• ••••	••••••		42 04	3 17			696	
Cumberland										
Pictou					26 11	l 80		27	235	68
						25		-	35	an
Other Countie	5		•••••••		11			_		30
				•	142 5"	10	6	125	962	en
				\$	143 57:	ű IU	ð.	133	303	οU
			7	D	_					

IRON ROYALTY.

Received during 1892 from John Cameron, Esq., of East River, Picton County, being the first royalty from iron received by the Dept. of Mines.....\$180 50

The continuation of the article on "The Occurrence of Manganese Qre

The Island of Cape Breton is becoming thoroughly advertised. American capitalists are seeking information in all directions, and our own people are fast acquiring an edge for speculation. A strong company was organized last week in Montreal for the purpose of mining coal at Port Hood, Inverness county. The areas there are reported to contain a large amount of coal and of good quality. Our Inverness friends will in a very short time appreciate the full meaning of the Fielding Government's efforts to introduce capital. Give Inverness county the necessary capital and a free market in the United States, and in less than five years the development of her great stores of coal and iron will astonish Canada. Inverness county has advantages which have never been appreciated .- Island Reporter.

THE OCCURRENCE AND REDUCTION OF GOLD.

BY ALFRED WOODHOUSE, F. G. S. Mem. Inst. Mining and Metallurgy. Read before the Mining Society of Nova Scotia.

In this paper I propose to deal with points of interest that have struck me in the Gold fields of India. Africa and Nova Scotia, and as my acqueintance with the latter is very short, I put forward my views with considerable dissidence, trusting that other members with far greater experience of this Province will not hesitate to criticise and explain the errors I fall into, for,

in my opinion, it is the discussion and not the paper that educates.

The subject Gold has a fascination for every one, and if termed the "root of all evil," is decidedly a blessing to civilization when properly employed. Gold is, I believe, the only mineral for which a market is always ready, and is the standard by which all products are valued.

Although Gold occurs usual y in very small quantities compared with other manual, it is probably one of the widest distributed as traces of Gold.

other me als, it is probab y one of the widest distributed, as traces of Gold

are found almost everywhere, but not gen rally in payable quantities. My experience in different countries has shown that the profitable working of Gold does not necessarily follow the exist-nee of the metal in payable quantities, and I therefore propose to point out in this paper some of the causes of failure.

This King of metals occurs in three forms as follows:

1. In voins of quartz or other hard substance embedded in the matrix. 2. Associated with sulphurets of Iron, Copper, Lead, etc., either chemi-

cally combined or otherwise.

3.-In alluvial, that is in the detritus formed by the erosion of auriferous rocks from action of weather, sun and a:mosphere, by which the particles of gold have been liberated, and owing to specific gravity, the lighter grains of ground or powdered rock are carried away, leaving the heavier mineral near the original source. I do not purpose entertaining the disputed question of auggets, as their origin is practically theoretical.

These three occurrences of gold are far to extensive to be dealt with in one paper, and I will therefore confine myself to the first, or occurrence

in quartz and other hard sidicious matrix.

Although one continually hears that gold occurs in some particular district in quite a different way from any other country, my experience tends to prove that practically the same Laws of Nature govern all districts in different parts of the world, and I have found practical knowledge in

any one country proves invaluable in new field.

The miner, however, must expect to find local characteristics, and probably no two districts have the same, but if parallel veins of quartz occurring in identically the same formation and lying only a few feet apart, differ so entirely not only in yield of gold, but actually in the nature of matrix, we may reasonably expect very great differences in two districts thousands of miles apart; and to sum up. I wish to convoy the probability that go d occurs in veins of quartz in all countries, following certain laws of Nature, affected by certain local characteristics, and that the difference in yield of two parallel vains in similar formation tends to prove that our knowledge of the origin of gold is even to day very limited.

A visitor to Nova Scotia hears a great deal about the Anticlinal (or Anticline) Angulars etc., but does the antic ine affect the richness of the ore or do the veius nearest this point prove richer than those farther away ?

think we must look further for the cause of rich streaks or deposits.
"Angulars" is a good local name for the numerous veins, strings or droppers of quartz that fall into and in some cases cross the true or formation veins or leads. These small angulars are not confined to Nova Scotia, but are generally found in all countries under the name of Feeders, and have leeched the country rock of mineral matter and fed them to the Mother or Formation veins.

All Angulars, however, do not bring in a deposit of gold, and therefore certain Angulars must have special advantages, if these are really the only source for introduction of gold, which theory I cannot agree with.—Owing to the entire absence of a system of cross cutting in settled ground below, little is known of parallel veins except from surface indications, which are usually most deceptive, but I think it probable that it will be found many of these angulars are merely strings of quartz connecting two paral of veins. Angulars do not al says terminate on contact with Formation veins, but pass clear through and continue on the opposite side, or they may continue parallel with the vein for several feet and then cross over; in these cases they should. I think, be called "Cress Courses," and these cross courses do in my opinion play a very considerable part in the occurrence of gold, and I have found by experience the nearer the cross course approaches

to a parallel with the true vein the richer the deposit of mineral matter.

In the Montagu district the gold "Chutes or Streaks" usualy occur from 200 to 250 teet apart and dip to the west at an angle of 43" to 45°, and their irregularity indicates that the "Chutes" owe their origin to some-

thing more than angulars or cross courses.

If it is acknowledged that the precipitation of gold and metals is caused owner.

by certain laws of nature, and not by chance, then we have reason to expect that the same laws have placed the gold in Nova Scotia mines that occasioned the deposit in other countries.

The following will illustrate one theory how gold may have been de-

posited in "Chutes" or "Streaks" :-

All will admit that originally the formation of Slate and Quartzite was in a horizontal position as it was deposited under water probably containing mineral matter in solution, now it follows that this mineral matter would be precipitated provided certain foreign elemens were introduced, say for iustance, some vegetab'e matter.

No doubt everyone has seen the peculiar streaks or lines of seaweed on the ocean carried in comparatively parallel lines by currents, the water between these lines of seaweed being entirely clear of foreign substance. Precipitation of mineral matter will be far gr ater on the line of seaweed or foreign substance than in the clear water. This illustration merely shows the possible theory of Gold Deposits in stresks by vegetable or o her matter carried in parallel times by currents over the new y deposited mids, since converted into slate and quartzite.

Interesting as the theory of formation may be. I propose confining myself to the practical and profitable side of go'd mining, that is, following and

extracting to the greatest advantage this valuable metal.

In commencing mining operations the Engineer's first work is to very thoroughly inspect his ground, locating as much as possible his different leads and learning where gold has been found by former owners, making careful notes of past resu ts (though in all probability no two accounts will entirely agree) but from his notes he will be able to make a rough plan and form some fair idea where gold may be expected below. With this knowledge he locates the position of his first attack, by Adit if possible, if not by Main Shaft, selecting a position as convenient as possible to the Mill Site which should be cho en well above the flat ground, so that no trouble will account the future from Tollings. trouble will occur in the future from Tailings. As the main workings and mill site form the centre of all future operations, too much care cannot be given to the selection of a place which offers the greatest facilities for permanent works, as the past proves. Managers often forget to look ahead to the future, when the mine requirements may assume very great proportions, and icstead of adding to the original works, a fresh start has to be made on a more suitable site.

The works should be laid out originally with a view to future contingencies and the plan of operations carried out by degrees systematically as funds will permit. Above all things 'be reckless cutting up of the surface by what are termed trial shafts should be avoided, as these become reservoirs to catch water and flood the future workings, necessitating cost y pumping machinery, and once the mischievous work is done, it can never

be repaired.

Having located the Main Shaft, the manager should decide to sink a certain depth, say 120 seet for first level, and steadily continue to this depth, no matter what rich rock is met, the gold will not run away, and can be far more cheaply raised by overhand stoping from below, than from the system of burrowing or underhand stoping so common in the Province.

I very strongly advise following the value of the rock passed through by saving "the drillings," the miners being supplied with marked tins for this purpose, and it should be the Foreman's business to see these are delivered regularly to the Manager, who should pan them off and enter result in a book kept for the purpose. Many rich deposits have been found by this method when the gold occurred too finely dis ributed to be visible and would possib'y otherwise have been overlooked.

As a rule the gold, or rather the payable portion of the lead, will be found to occur principally in Chutes or Streaks, the quartz rock between two Strocks proving unpayable, and yet too often this unprofitable rock is taken out and crushed, not only with a loss on the work, but also to the wear and tear of the machinery.

It is true every mine carnot maintain an assay department, but the manager can always follow his ere with the pan, and I am surprised to see the pan so seldom used in Nova Scotis, knowing from experience its great value

as a guide.

The question of vertical or inclined shafts is one that is attracting practical attention, the inclined shaft for prospecting work has the advantage that the lead is tested as sunk upon, but any fault, slide, or change in dip of the vein at once causes trauble, and with the numerous quartz leads found in most districts of Nova Scotia which must be cross out afterwards, I consider vertical she fits are most desirable for permanent works, as it is only the one rein and that at one point which can be tested by the incline following the lead. When the vertical shaft has been sunk to a level, it is easy to rise up or sink a winze on the vein which must be carried out before stoping can be commenced.

Working cipital is provided to carry out the dead work which opens a mine, that is, sinking a shaft and drifting on the various leads as met in the cross cutting, and further, when the mine is proved, for the purchase and erection of the necessary machinery. When this has been accomplished, the cost of developing fresh ground to replace that extracted should be added to cost of breaking and crushing a ton of ore.

With the shaft down to first level the pan should prove the value of rock passed through, and the result cirefully noted on the large working plan of the mine, so that the position of the gold streaks on the next level may be fairly located And my experience has shown, that once the occurrence of the gold is determined, that nature is wonderfully true to herself and unless from some fault or intrusion of trap, the gold will be found where looked for. It more careful attention was given to this matter, much useless work would not be attempted to the greater profit of the

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MINING.

(Continued from page 15.)

In some mines of the Province, notably Montsgo, "Nuggets" so called are feur d within the line of the Streak or Chute, and often contain from two hundred to three hundred ources of gold in a few hundred weights of quar. These nuggets apparently of our with some regularity 10 or 12 feet apart, and very naturally greatly increase the yield, but as it has been the custom in the past to crush all ore throughout the mine the average value of the rich Chute is much reduced by the addition of the unprofitable rock between the Streaks worth possibly only two or three dwist per ton, and, as there would be fully ten times as much of this poor rock crushed compared to the truestreak ore, it proves the richore has to pay the losson treating unprofitable rock for an incressed tomage which must return a lower yield per ton throughout.

When the developments of Montagu enable the manager to attack only the Streaks, Icaving the poorer rock in situ the returns should greatly exceed those of the past, especially as by that time more of the occurrence of the gold will have been learnt by experience under systematic workings.

The mines I have seen in the Province appear unusually free of water,

The mines I have seen in the Province appear unusually free of water, except such as is derived from surface where the numerous pits and cuttings form attractive recervoirs, and I have reason to think that if the shafts were puddled with clay well tamped behind the lagging, very little water would be found below.

Considering the minute proportion of gold to the bulk of rock, too much care cannot be given to avoiding unnecessary handling of the ore, from which there must be loss in gold and expense. The rock as broken should fall into passes connecting with the level, when a truck after being filled carries it to the shaft, and is hoisted to the surface on the cage and delivered by tramway to the militouse. When tipped, the ore is shot through a grizzle into the ore bins which supply the self feeders, and the large lumps which fail to pass through, are put into the stonebreaker. By this method, handling of quar z is reduced to a minimum.

Too often the first object of a manager is to make a good show on surface, and starts on eiting substantial works before he has learnt the value of the mine, this is surely putting the cart before the hors, for surface works do not pay the dividends, and it is far wiser to expend working capital *first* in development and proving what the mine contains, merely executing such plant as is absolutely necessary to compete with the requirements of the developments, lesion launching out into handsome buildings and expensive machinery, a system which has brought many a good mine into liquidation.

Ample working capital is most essential, and I do not consider Nova Scotian mines as a rule have had a fair chance. What could have been accomplished in other countries if they had had only the few hundred pounds available, that has been the history of this Province? They would have anticipated failure, and I consider very great credit is due to the mining men here to have done so much with the small means at their command.

Again, owing to the fact that many of the mines have been opened by men with small Capital, the prefits have been distributed without building up a reserve fund for developing new grounds when the rich ore they worked yielded smaller returns, and in consequence many mines that have yielded hander me profit in the past, are now closed down for want of funds to open out rich one lying below. With ample working capital the mines can be worked not only on a larger state but drawing one from a dozen defferent points, the temporary falling off in yield at one or two places does not materially affect the return.

affect the return.

With the experience of Indian mines, having a working capital of at least \$100,000, and those of the Transvarl, where half a million dollars is for from an uncommon working capital for machinery and mine development, the small system of working in this Province cannot be considered a fair comparison, and yet I am convine d, from my own personal experience, that Nova Scotia mines will amply repay the outlay of large capital provided it is judiciously expended, I mean in bona fide development and not for show on surface.

The quartz occurs principally as bedded veins in a country formation of Talcose or Argillaceous Slate and dense quartzite tilted almost on edge, and the leads are likely to continue gold hearing to great depth, in fact, as deep as the slates. It is however, probable that the sulphurets will increase as greater depth is reached. And as considerable gold is associated with these sulphurets of iron, copper, arcenic, lead and zinc, more attention should be given to their concentration and treatment, a subject that has received little thought in the past and generally they will be found a welcome asset.

The ore having been delivered at the mill, the next process is to extract the gold as effectually as possible, and I would impress upon mining men that am Igamation is a science, and that it does not mean feeding so much rock under stampers with the addition of water to splash out the crushed particles, which are then conducted over some amalgamated copper plates. Any school boy or ignorant man can do that and catch a certain percentage of the gold.

The science of amalgemation is arreating and separating the last particle of gold that can prefitably be extracted from the quartz rock, and I mean by this, that there is a point of gold-saving beyond which it casts more to extract the extra percentage than the value of the gold recovered.

The two first of jects are to get the particles of crushed rick out of the mortar box, when reduced sufficiently to pass the acreens with all unnecessary pounding, and secondly to retain the gold in or as near the box as possible, and with this i los an analysimated plate is generally placed inside the mortar box—quicksilver being introduced at intervals— on the crushed ore or pulp leaving the box, the great object is to check the forward flow of pulp as much as possible without causing it to silt, the tendency of a check

being to precipitate any particles of gold either floating on the water or held in suspension, on to the amalgamated copper plate.

The advantages and disadvantag s of introducing quickeliver into the mortar boxes, are much disputed, but I have found that with most ores it answers well, provided a copper plate is securely fixed at the brek in a recors cast for the purpose, but in case of introduction, it should be used cautiously, otherwise it will be floured and sple shed out onto the plates and probably a good deal will pass away into the tarlings, as it is is found floored quicksilver will not readily remain on the c pper plate.

In care of grosso and oil getting into the box with the quartz, it is advisable to intraduce common caustic soda every few hours, as this dissolves

the grease and keeps the inside sweet.

For ordinary quartz, I find a drop of 8-9 inches 80 to 85 times a minuto most effective, and with coarse gold a steel wire screen with 1000 holes per square inch. In some cres however, the gold is so finely disseminated, that 2000 holes is not too fine but the capacity of the mill is naturally reduced with the smaller mesh.

The pulp as splashed through the screens, falls on a plate 10 inches wide inclined towards the battery, with a pitch of 1 in 10 or 12, and is thus directed over a series of two ripples of quicksilver with a third one below empty, so as to catch any quicksilver washed over, and thus protect the plate which shoul ! be 4 feet long with two ripples below, the upper one only being filled with quickeilver, from here the pulp passes over a second plate 4 feet long, and then is conducted to the concentrator.

Although there are numerous putents for concentrating they are mostly very expensive, and often decidedly complicated, and I find the old fashion ed straight throw Australian percussion table answers very well, and has the

great advantage of cheap construction by the mine carpenter.

This concentrator consists of a solidly built wooden table some 8 feet This concentrator consists of a solidly built wooden table some 8 feet long with two divisions. The first with a copper plate set at a low angle say 45 degrees 18 inches long, from which with a rise of 1½ inches in 2 6" is built the floor up which the ore must ascend. The lower half of the table is similar. This table is hung by four strong iron arms and is hel! firmly against a bumping block by a powerful spring, with a treble cam the table is pushed forward about one inch to be pressed back by the spring when free of cam, from 180 to 240 times a minute.

The jer naturally settles the heavy pyrites, the lighter sand passing off with the water. Any straying particles of gold or amalgam are caught on the copper plate, while floured quicksilver is again united by the continuous action. The machine is capable of taking 5 to 7 tons every 24 hours. The concentrates are removed with a small shovel by the amalgamator when

necessary.

A frequent less of gold occurs from using too much water over the tables, there should only be just enough to make the black and and pyrites

drag along without actually silting.

Plates should be dressed every four hours, and at that time the battery and water should be stopped, as a piece of amalgam once moved is liable to be swept away with a ru-h of water. In dressing the plates, a very weak solution of cyanide of potassium may be used to remove any oxide of copper, but on no account should a plate be touched by the naked hand, a piece of t chamois leather should always be used.

The quick-liver in the ripples should be retorted once a month, as retorted equick-liver has a greater affinity for the fine particles of gold than that which is charged, and the gold produced from retorting well repays the cost and

The use of Sodium Amalgam and Cyanida is not to be encouraged, as both are very dangerous to the ple es and quick-liver, unless theroughly understood, but a very small piece of Sodium Amalgam, say the aizs of a pes, may be placed in each ripple once or twice a week to liven up the quick-Bilver.

Samples of tailings should be drawn every hour, water and all, and fallowed to settle, and fire assays should determine the daily loss of gold per

All details of Millwork, such as stoppages, length and cause, time yearliver introduced to mortars, speed of stamps, delivery of ore, etc., should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book, which should be signed at end of shift manual in the Mill-book manual in they should be attended to when a valuable mineral like gold is concerned

It is not po sible to enter into the question of the various chemical prosees for treatment of concentrates in this paper, but I have found very Effective results from simply grinding them to a fine clime, more especially if they have been spread out on floors, and expessed to the action of the sun and weather for several months. If a little salt is added, the material kept materially moist and turned over once a week, decomposition is rapidly ected, and a very considerable proportion of the gold is liberated on troatant and is rapidly absorbed by quicksilver.

In grinding, I have found it advisable to add very little water for some bules, which however are not in the form of floured mercury, and to assist process, I usually add a little salt, caustic sods and cyanide, and after process, I usually add a little salt, caustic sods and cyanide, and after adding for three or four hours a stream of water is turned on and carries the slime to a percussion table, when pyrites not sufficiently ground is lined. The quickeitver remains in the grinding pan, which after the er is syphoned off, is ready for a fresh charge of concentrates, say 5 or 10.

Also object in dwelling on the concentrator and grinding process for

My object in dwelling on the concentrator and grinding process for twent, lies in the fact that both can be carried out on most of the mices

he Province at low cost and are fairly effective, but should practical bulk tment provo the suiphuro's to have the value I believe they have, it then be time for the manager to look about for a more effective and ern process.

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DRAUGHTS-CHECKERS

All communications to this department must be addressed directly to the Checker Editor, Mr. W. Forsyth, 36 Grafton St.

A match was recently played in Providence, R. I.,—where a good deal of playing seems to be going on just now .- b tween Mr. William Lowis, of Providence, and Mr. Wales, of Woonsocket, for the championship of that state, and resulted in a score of 3 to Wales against 2 to Lewis, the latter thus losing the championship, which he till then held.

SOLUTIONS.

PROBLEM 322.—The position was: black men 5, 21, kings 27, 28; white kings 18, 19, 20, 26; black to play and white to win. As none of our checkerists have yet sent in a correct solution to this fine end game we withhold it for another week

PROBLEM 323 .- As we published this problem and its solution come months ago, we do not reserve the solution for two weeks as usual, but give it below to-day. The position was: black men 1, 3, 5, 7, 10, 11, 15, 16, 20; white men 12, 13, 14, 18, 22, 26, 28, 30, 31, 32; white to play; what result?

12 S a-20-27 13 9 15-10-17 32 23 28 24 3-12 5-14 26 3 2 13 w. wins a If 3-12, then 13 9, 5-23, 22 13, 20-27, 26 3, and white

GAME 209-" DOUBLE CORNER."

As played be ween Mr. Egan and another amateur, and sent to the E. TV. GETTINGTO. Toronto.

Liverpool Mercury by Mr. D. Sugden to show that the problem that he submitted in competition for the end-garne class was based on actual play. notes appended are by the checker editor of the Mercury.

14-21 11-20 c-20-24 18 15 31 27 28 19 9 - 1422 18 5-- 9 6 - 911-18 -17 25 22 23 22 13 4-8 11-16 10--14 -15 24 19 22 18 19 15 19 10 -11 a-20-6 - 3129 2527 20 25 22 13 16-20 8. -11 -10 d-1-21 17 6-20 16 15 11

a Mr. Barker Woolhouse was, we heliove, the first to recognise the posibilities of this sacrifice. It is very subtle and will win five times out of six.

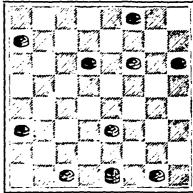
b But white has a true rejoinder at this point. He should play 18 14 followed by 26 23 and await developments.

c The better play ceems to be 12-16. Doubtiess, however, black wanted to see the result of the tricky little stroke.

d Which result will be discovered it the solution of his problem which we present as our

PROBLEM 325.

By Mr. Thompson Sugden, of Armley, who with it won the two-guinea prize in the Liverpool Mercury tournament for the best original problem, not exceeding five pieces a side. Blick men 3, 10, 12, 21, king 31.



Wnite men 5, 11, 23, 30, 32.

White to play and win. sight this problem seems far too easy to be entitled to win a first prize, but the student will find on closer examination that its surface presents only a 'will o' the wisp" to lure him from the correct solution.





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CITY CHIMES.

AN OPPORTUNITY TO PRACTICE WHAT YOU PREACH.—The employees at the Deep Water Terminus and the railway ticket agents have had a busy time for the past few weeks, receiving and despatching to their destinations the rush of immigrants who are coming to make homes among our people in this great Dominion. That a large number of these foreigners do not sottle in Canada is very true, but it is equally true that a large number do, and, so far as one can judge, will prove an acceptable addition to Canada's population. The Pominion liner Labrador, which arrived here last Saturday, brought three hundred and fifty boys from British refuge homes. The boys went on to Ontario and the Northwest, where they hope to find good homes, profitable employment and a warm welcome. If they possess homest determination to succeed, with good charact re and industrious habits, they will find Canada a fruitful land, and will whon men bless the day when they landed upon her hospitable shore. I would like to improve upon the Christian men and women of Halifax who are ever upon the watch to do good the importance of the opportunities afforded for kind deeds upon the arrival of the English steamers. The crowd of men, women and children who are classed as immigrants and too often thought of as a crowd of strange peop'e, in reality are objects worthy of compassion, and should not be permitted to feel the lack of sympathy and kind words, which must add not a nit e to the desolate homesickness that strikes to the heart of a stranger in a strange land A p'easant smi'e, a kind word, some small attention shown to a worsan or little child costs little, and may have a lasting impression upon the future life of the recipient of your kindness. King's Daughters, Christian Endeavorers and all who would cheer lonely hearts, here is a grand chance for the exercise of your phi anthropy. The scene presented upon the arrival of an Eng'ish steamer at the Deep Water Terminus is an interesting one grand see it, but don't stand idly by, take the suggestions given above, enlarge upon them and find your reward, if reward you seek, in the pleasure you receive in helping your fellow-beings whose lives have not been cast in as pleasant places as your own have been.

THE FISKE SINGERS.—Next week we are to have the Fi-ke Jubilee Singers at the Academy of Music for one evening only. There will no doubt be a crowded house, every one who has heard these famous songsters wishes to again listen to their sweet voices, and those who have not as yet enjoyed the genuine pleasure of a Fiske entertainment will surely be anxious to take advantage of the coming opportunity. I think Manager Clarke is justified in anticipating a big audience on Monday evening, and I feel quite certain that no one with any love for music who attends the concert can fail to thoroughly enjoy the programme that will be performed.

The ladies are in clover, figurative'y speaking. The day of spring openings is at hand. The millinery establishments have already thrown open their doors, and have invited their patrons to come and see the marvellous confections of the milliner's art displayed in their showroums. Truly this is to be a gay season, if one may form an opinion from the variety and brilliance of color which is to crown the heads of the fair sex. Blue and green, pink and brown, yellow and heliotrope, are to be seen in every conceivable shade. Some of the combinations are lovely, and several of the imported hats show evidence of much artistic tiste and skill on the part of the makers. I wonder what is more fascinating to a woman who loves to look well than a display of millinery. How many during the past week who went merely to see, stayed to purchase. I heard one fair little woman declare that she never thought of buying a new bonnet, but really felt herself unable to resist the temptation to secure "the simp y perfect one that was so becoming." Weak, are they, these women folk? Perhaps so. The lords of creation smile at the folly, so-called, of their wives and sisters, but certainly if foly it be to admire beauty and to aim to present as good an appearance as possible, it is a pardonable weakness, and, compared with some of the failings of the stronger sex, exceedingly harmless. At any rate the fine spring days and the tempting "openings" of the merchants are being enjoyed to the full by the Halifax ladies and next Sunday being the day when everyone is supposed to wear smething new, weather permitting, there will no doubt be lots of fine clothes displayed.

The Leicestershires have gone and the Liverpools, or King's Own, are now well installed in this garison. The Jelunga, with the Leic ster regiment on board, bound for the West Indies, left Halifax on Saturday afternoon, the band of the regiment playing the suggestive old song—"The Girl I Left Behind Me," and later the plaintive air of "Auld Lang Syne," as they steamed down the harbor, while hearty cheers of farewell went up from the crowd assembled to see the departure of the red-coats. On Sunday morning the route of march to the Garrison Church was lined with prople, some anxious to see the new soldiers, others to hear the new band and all prepared to criticize. The band is generally pronounced not up to the standard attained by the Leicestershire band-master, but perhaps it is not fair to judge from first appearances. We have became accustomed to the grand music furnished by the regiment that has just left us, and are no doubt but too apt to find fault with anything less pleasing. That the defenders of Her Majesty's possessions now stationed in our city will prove worthy their calling while here and will command the respect of our citizens is after all the chief thing to be looked for. Probably the newcomers' impressions of Halifax and Halifax weather are far from favorable, but Halifaxians can assure them that there is a good time near at hand, and that the chiling winds will cre very long give place to delightful balmy breezes, when Halifax and Halifax weather cannot be chermise than most pleasing.

A friend in need is Johnson's Anodyne Liniment, and more families should know it, and use it.

The Caders' Concert.—The concert to be given in Orpheus Hall on Thursday next, April 6th, under the auspices of the Halifax Academy Cadets is, I think, going to be a most interesting affair. Among those who will take part in the programme that has been arranged for the occasion, are Mrs Haggarty, Mrs. J. McD. Taylor, Mrs. Bor, Herr Klingenfeld Dr. S'ayter, Mr. Gillis and Mr. Dodwell. These names are familiar to Ha'ifaxians, and are an assurance of succession any programme. Those who find it convenient to attend this concert, and I trust every seat in the hall will be occupied, will without any doubt onjoy a very pleasent evening, and at the same time will aid a worthy cause, as the proceeds of the concert are to be used in providing accountements, etc. for the Academy Cadets. This company of boy so diers, forty in number, has been driving for about a year under the efficient leadership of T. C. Woodworth, Captain of the Corps, assisted by W. Gordon, Lieutenant. The boys have made good progress, are interested in their work, are done oping fine muscles and show a decided improvement in physique. Captain Woodworth is very ambitious for his little regiment, and in this effort to provide suitable uniforms, etc. the boys deserve practical support.

Another Month.—March goes out to-day. The month has been a decidedly typical one, chilling winds and warm sunshine, but pleasant withat bringing to us the first breath of Spring. To-morrow, beware of the small boy who will be on hand with his facetious jokes in fuel readiness to trap the unwary.

THE LYCEUM.—Professor Zera Semon is again to the fore, and will open up the Lyceum Theatre on Easter Monday evening with the Wallace-Hopper Company. The first play to be put on is 'Reclaimed,' and I understand that Zera intends giving a change of bill every evening. The large number who on former occasions have paron zed the entertainments provided by the popular Professor will no doubt bladly welcome the coming attractions at the Lyceum.

THE END OF LENT —The season set apart for fasting and prayer for this year is almost over, and on Sunday next the joyous Eistertide will begin. Social affairs have been exceeding y quiet, with the exception of numerous "farewells" for the officers of the Loicestershire regiment and card parties. In fact card playing has been generally resorted to among "the 400" to help pass the evening hours during the calm of the penitoutial season. Now, however, we may expect to hear of much gaiety, and judging from the number of amusements that have been planned for "after Eisser" there is to be no lack of merry-making from now on.

C (F E. INSTITUTE CONCERT.—The next concert of the Church of England Institute course is to be held next Thursday evening. A good programme is in course of preparation and a pleasing entertainment is anticipated by the friends and parons of the Institute.

Сигра.

Constitution, and all troubles with the disestive organs and liver are cured by Hood's Pills. Unequalled as a dinner pill.

THE SCAPEGOAT.

"The heart and mind of the Count de Lesseps on the rack for months, gave way at 'ast, and when condemned to prison (calling for his son), he cried in his despair that he wou'd go to England, where the Queen at least would recognize his work."—Daily Papers.

Aye, could'at thoucome, O martyr'd pioneer
An eagle's wing is England's flag outspread
To shield the unse fish soul that soars. A mark
For eavy's venomed dart. On great Lessens
Your sentence, Judge, seems somewhat taint with spite
And chafe of those who miss a chance of spoil.
Should your Judge look as lenient hence on you,
Still more you'll chafe.

For golden deeds, you burled Him iron words, whose sad brow's only casque Is now a hard-earned laurellesf o'er-fleck'd With snow. What! Had the rocks he hewel been hard As now your heart—O! France he ne'er had brought You fame—and us our India's golden key To thwart the grasping Czar.

The brightest gem
On England's great and well-mourn'd statesman's broast
Was wedding England's wealth, in Israel
To that great Christian work. Suez! whose tide
Hath brought our wounded warriors home from Death,
And grief-racked mother to her dying child.
Hath he not earned a year or two of peace
Before his memory is maimed with crime?
Is France's later Fame-roll of to day
So full, you needs must sear with felon's brand
The bravest breaking heart—so soon to die?
In this you play the brutal boorish knave
Who tracks some bright-plumed bird, come weary-wing'd
From fair far skies—to shoot him down.

But Time
That grieves to write your words, shall blush to see
The stain, and take your curse from that bowed head
And place it home—upon your stunted brow.
THE MARQUIS DE LEUVILLE.

Our readers who have sympathised with the aged Count de Lessops, the maker of the Suez Canal, who after his long life of toil was conducted to prison, will appreciate the above poem, which was considered worthy to be sent to America by cable, word for word. This is an unprecedented event both in poetry and telegraphy.