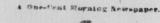
2 R.B. TORONTO 'WORLD' theory disease is a struggle for existence beween the parts of the organism and a per-





arws from all Quarters Free of Bias.

SUBSORIPTION OVE YEAR OUR MONTHS.....

ADVERTISING HATES. FOR BACH LINE OF NONPARBIL.

al advertising, each insertion.... nts, meetings, etc. f annual meetings and financial statement Special rates for

WEDNESDAY MORNING SEPT 12. 1888

visit Toronto to-day, and make a short so- decomposition of all organic substances is j urn among us. The reception accorded he distinguished visitors will no doubt be there would be no putrefaction. But very cordial, as it is the last official visit the bacteria of putrefaction are not necesthe present governor-general will make to sary identical with the bacteria of disease, a this city. Inferring from her ostensible indifference to Canadian life, we should say has materially retarded the progress of germ that Toronto will perhaps never have the honor of again receiving the Princess Louise. Prince G orge, son of the Prince of Wales, also accompanies the vice-regal party. The presence among us of the daughter of a which appear to require a special soil for queen and the son ank brother of a future their growth. Thus, some parasites which king ought to be enough to make the day will flourish and multiply in dead blood at pass off with unusual eclat.

ANOTHER NUTORIOUS CRIME The murder of Rose Ambler at Stratford, Connecticut, will probably add another to the list of notorious crimes, and the history of this mystery seems destined to cause as much general excitement as that raised by the murder of Jenny Cramer and of Mary Stanmard, both of whom mysteriously met their end in this same state of Connecticut. The New York papers are devoting columns to the circumstance, and with all the search that has been made up to the present. the mystery connected with the unfortunate victim's death, is as far from solution as her husband up to the time that that home parently immortal spores. Relapsing fever was in existence. Norman Ambler lays all is another disease definitely proved to arise his trouble at the door of this man Lewis. Although their previous relations might be a cause why Norman Ambler might desire to kill his wife, now in love with

trap of the Plaquemine gallows last Friday, "not to fool too much with whisky." It did not kill the map; it was whisky." It is certainly true that Dickerson had been drinking heavily when he murdered his yictim for refusing to give him a dime. asite invading it. Modern research has rendered it likely that the diseases due to is certainly true that Dickerson had been external violence, improper food, poisons victim for refusing to give him a dime. and other influences are not so numerous as

and other induced by the invasion of the body by parasites.
Of these parasites few are known to be animals, the majority belonging to the vegetable order commonly known as bacteria, which is the lowest form of fungi. Of course there are three classes : the rod shaped, being termed bacilli ; the granular, microcoed, and the screw shaped, spirilla. Becteria are all about us. The water we drink and the air we breathe are teeming with these minute forms of life. They are deposited on all objects exposed to the air, and although in a dry state they are not readily recording in a dry state they are not readily record, n'z: d, even by the aid of a microscope, the fort of the rote state they are not readily record. those produced by the invasion of the body The eleven ministers who took turns in-

two young bacteria within the period of a town owned by a great many individuals single germ, if not stinted for food, will during which the vehicles remain idle, and

The marquis and his royal consort will teria live upon the fluid of their soil. The tem has much need of being placed on a teria live upon the fluid of their soil. The decomposition of all organic substances is due to their preserce. Without bacteria there would be no putrefaction. But the bacteria of putrefaction are not neces-ary identical with the bacteria of disease, a that the principal measures of the governnisapprehension which Dr. Gradle thinks ment at the next reassembling of the British parliament will be devoted to alterations theory. Each disease has its special in the franchise laws. A bill will doubtless parasite, and can be produced by no other be introduced dealing with an extension of species. Hence rotting refuse may and may the franchise in the counties, and making not contain disease-producing germs most of once die themselves if introduced into living

blood. Nevertheiess, the agents of corruption may cause grave sickness when introduced into the blood in any quantity. Experiments made with the most rigid requirements demonstrate that many of the liseases of man are clearly traceable to bacterial origin. Among these is the disease known as malignant pustule, the parasite in this disorder consisting of minute rods, which germinate again under favorable circumstances. Consumption has lately been ever. Rose Ambler was a divorced woman, engaged to one William Lewis, who had the animals experimented upon could with-the animals experimented upon could stand. This bacillas likewise produces ap- capable of no mean results. from the presence of bacteria, and abscess(s) the land of the place is deeded on condition

upon a school system already tco cui

in a dry state they are not reachly teers n'z:d, even by the aid of a microscope, the fact of their existence is easily demonstrated by their power of multiplication. In a suitable soil, says our author, each bac-terium grows and then divides into two young bacteria within the period of less than an bour, which progeny continue the work of their ancestors. At this rate a single germ, if not stiuted for food, will produce astounding numbers within twenty-four hours. During their growth the bac-teria live upon the fluid of their soil. The

them over protestants (although in so put-ting it I do not wish to assert that they did), and that we, the protestants, were the sufferers by it, have we been very badly hurt? And do christians gain no ad-vantage by "suffering with Christ" for the benefit of others, or, if it is thought best to

the franchise in the counties, and making the qualifications there like those now ex-isting in the boroughs. It is also probable that a general redistribution of representa-tion will be agitated, though both the con-servatives and Irish representatives will bitterly oppose it. The more general the reforms in the election laws in England the reforms in the election laws in Eugland the more the aristocratic class privileges will be endangered, and it is not certain that the liberal party will hold together for any im-portant reform bill.

contrary to the desire of many, many chris-tian people of our province who would re-gard such a proceeding as a calamity to the schoo's and to the bible itself — Do not chop On Yonge street last night three different illuminators were vieing brilliantly with one another. The electric light disit and hack it, for the sake of making the instrument of any state law whateve played the purity of the diamond, coal oil cumstances. Consumption has lately been added to the list of unquestionable bacterial origin. Here, also, the rod-shaped bacillus has been found to be the inevitable com-panion of the disease, and which none of the animals experimented upon could with-stand. This bacillus likewise produces ap-Toronto, Sept. 11, 1883.

Parry Sound is a prohibition town. All METHODIST AND PRESBYTERIAN UNION.

To the Editor of The World. SIR: Your Saturday article must please solue proof is as yet lacking. Many dis- The contrast between it and Parry Sound is all christians, who are christians first a





355 YONGE STREET, OPPOSITE ELM, And examine his stock of CHOICE FALL GOODS. No Trouble to show goods. Prices Reasonable.

We have a few Choice Lots for sale at West Toronto Junction, each 50 x 160 to a lane. These Lots are part of the block of land purchased by the Ontario and Quebec Railway for their workshops and are the best Lots in the market for speculation. T&RMS : 25 cash, balance payable as may be desired.

LAKE & CLARK, 79 Yonge St.

BUILIER

Yon cannot invest \$25 better.

THE SPORTING he World will at all tunes

referring to sporting de throughout the cou

The Wellingtons of Toron with the Barries at the exhi on Saturday next for a silver A typographical omission yesterday's edition, respect Jessie, rendered it likely to be The paragraph should read will not match the dog again against the reputed champ workd."

The Campon Competition, u of Col. C. E. Mon'isambers, w yesterday at the Woodbine Wellington (of Guelph) and cultural college) batteries w titors for the day, the form and the latter 444. Below the total score of each indi-of the contesting batteries : Wellington battery-Cor 29, Lieut. Tuck -, Corpor Capt. McDonald 32, Serg 20, Major Hood 21, Corpor Sgt. Hood 37, Sgt. McIntosh 7. Gunner Bruce 18, Gunn 22, Sgt. J. McIntosh 33, Br Br. Eddington 17, Gunner M Ontario Destroy-Corpon Qr.-Master McNaughton 2 Wellington (of Guelph) and ss 12, Gunner Baldwell 18 Ross 12, Gunner Balaweit 10 11, Captain Mutchison 44, I Sgt. Major Young 39, Sgt. Gunner Waypher 33, Gunner Gunner Spaulding 32, Gun 29, Sgt. Cameron 35, Corpor poral Cowan 37. The sho o-day.

Toronto Yacht Club

The Geneva left Tinning's .m. yesterday to convey th o witness the regatts to the ides the ladies mentioned in sue were Mrs. Owen, Port Hall, Miss Boyd and Miss Ev was fine and the races are have been the best that hav for some time. First class yachts—Capt challenge cup.—For this th entries, the Condor and Very atter 10.86; No. 2 buoy, U Verve 11.15; No. 3 buoy, n aken. Second round-No.

No. 2, Verve 1.25.

ere were two

THE FISKE WILL

various other

r Mrs. Fiske's of 1882, the d the universit

Mr. Fiske a

vision was surreptition university, and he is to his wife's es

The child of the second

ras worth about \$2,

to connect him in any way with the murder. On Sunday night, the weather being semewhat stormy, Rose Ambler returned to her home after a visit to her lover Lewis. Next morning she was found dead by the roadside without any indications of how or by whom the murder had been committed. The mysteries, however, that are connected with the murder, time may serve to clear up after many bushels of facts and surmises have been written in the newspapers.

another man vet

THE TWO PACIFICS.

Here is what Rigolo, the well-known financial critic of the New York Sun, has to say of the two new Pacific railways : The golden spike of the Northern Pacific, although driven to the accompaniment o usic and the popping of champagne corks, did not in any way improve the market value of its stock. There seems also to be way Rufus Hatch's expedition has come to an end. Neither he nor any of his guests an end. Arether he hor any of his guests has written anything about it, and one of them Mr. Le Sage, manager of the London Daily Telegraph, skipped away very quietly in Saturday's steamer. We shall probably hear a good deallabout the far Northwest and the Vallowritne your Mr. Hath's start the Yellowstone upon Mr. Hatch's return, out Wall street does not take much interest in descriptions of the beauties of nature. What it looks a'ter is the cash, and there are very ugly rumors of a floating debt of some \$17,000,000 in this case. It is also at that the two tunnels, which are now dispensed with by hauling the trains over the mountains at an enormous expense, will cost \$10,000. The Concedian Pacific makes much less of the beauties of nature.

And the London Canadian Gazette says :

The Northern Pacific has a share capital of \$90,000,000, and a funded deut to date of \$32,000,000, while the Canadian Pac fic w.ll have 900 more miles of railway, with a share which will be in that able to the Can-acres of land. It is the policy of the Can-adian Pacific board to steadily press on with their task, and not to waste their with their task, and not to waste their

aid to be marked. eases not considered contagious, such as pneumonia and Bright's disease, have been We commend to the attention of those found to be associated with parasites. Why nterested in the question of the bible being they are there, and what part they play, is used in public schools the letter in another column signed C. The communication is uncertain There is little doubt that generally disfrom the pen of a minister, who discusses

ease-producing germs enter the body by way this vexed question from a somewhat new of the lungs, and the reason why all who standpoint. are alike exposed are not alike affected is A proof of the profitable nature of farm explained to be due to the resistence or ing in Ontario, is furnished in the fact want of resistence which the body opposes to its invaders. But why a person who has that the will of an old farmer in Vaughan

township near this city, showed personal once had a contagious disease is not likely to be similarly affected a second time is property exceeding seventy thousand dollors in value, besides his real estate. shrouded in mystery. If the cells have proved unable to withstand the parasitital Ottawa Citizen: It is officially announ ravages once, why should they resist a second attack? Such is a fact however, ed that mails for places east of Toronto are despatched only once a day. This arrange and as the experiments of Pasteur prove that ment is not in keeping with the spirit of each kind of disease-producing germ may be the times. It is retrogressive. cultivated in an enfeebled form and be transformed into a vaccine virus, we may BELIGION IN SCHOOLS. look forward to the day when it will be To the Editor of The World. possible to vaccinate against all diseases in SIR : It seems a pity that the discussion

which one attack grants future immunity. of important questions such as the above, "The most direct outcome of the germ theory," says Dr. Gradle, "is the ability to should be mixed and marred by person act more intelligently in limiting contagious alities. 1. Our public schools are state schools, diseases. Knowing the nature of the poison I think I am not wrong in assuming that emanated, and studying the mode of its distribution through nature, we can prevent it they were created by the state for state from reaching others, and thus spare them | ends. Could the state be just as good without them, it is presumable that it would not trouble itself with them. The state.

The Cauadian Paoific makes much less fussover its enterprise, but seems to be much better off in money matters. It ob-tained from the government some 435 miles of road between Port Arthur and Winnipeg for nothing. It also secured a money subsidy of \$25,000,000 and no end of land. The stock pays a regular divi-dend, yet it is selling about twenty points below the Northern Pacific prefered. And the London Canadian Grantic term. The maximum as a freight train more than And the London Canadian Grantic term.

anything else. Those of our people who live amount of religion or religious training?" in Oakville and Port Credit feel this delay This question assumes different shapes, keenly, and it is driving some into the city but they all amount to pretty much the who otherwise prefer the country. We do same in the end. "We are a christian peonot see any reason why the fast expresses on ple or state, why not compel the use of nave soon mites of mi this line could not stop at the Credit and at the bible in our public schools which is the the rail. At all events Mr. Hickson ought the rail. At all events Mr. Hickson ought 1. The bible is not christianity although

methodists or presbyterians by name and second or subservient to their christianity. At the same time those of us who are mid dle-aged to-day will not live to see any such real advancement in the principles of christianity as such an union would exhibit. Such a consummation must be reached step by step, and as a step in the forward direction 1 would suggest that the two churches, especially as the methodists must

are nive otherent denominational courteness and each has a different hymmsl, and as the villagers and the citizens generally attend the services of all the churches (sometimes of two or three in one day) they require to have each five different hymnals as as to be able to engage intelligently in the service. Surely this is an absurdity and not very christianlike, and it could not involve any

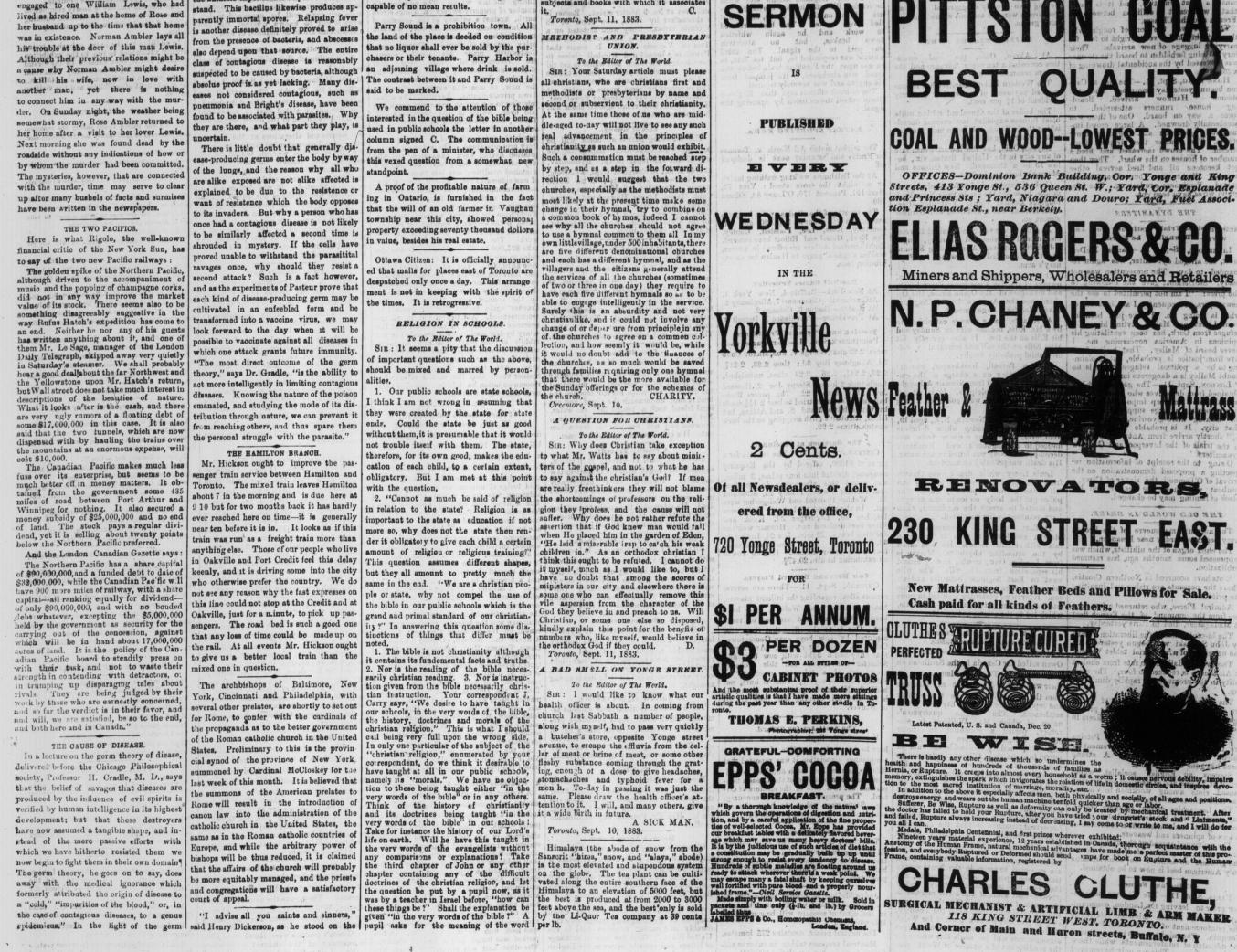
change of or depart ure from principle in any of the churches to agree on a common col-lection, and how seemly it would be, while it would no doubt add to the finances of

it would no doubt add to the hances of the churches, as so much would be saved through families requiring only one hymnal that there would be the more available for the Sunday offerings or for the schemes of the church. CHARITY. Creemore, Sept. 10.

A QUESTION FOR CHRISTIANS.

To the Editor of The World. SIR. Why does Christian take exception

super. Why does he not rather reinte the assertion that if God knew man would fall when He placed him in the garden of Edon, "He laid a miserable irap to ca'ch his weak ohidren io." As an orthodox ohristian I think this enght to be reinted. I cannot do it myself, much as I would like to, but I have no doubt that among the scores of ministers in our city and elsewhere there is some one who can effectually remove this vile aspersion from the character of the God they believe in and preach to us. Will Christian, or some one else so disposed, kindly explain this point for the benefic of numbers who, like myself, would believe in the orthodox God if they could. D.



118 KING STREET WEST, TOBONTO. And Corner of Main and Haron streets, Buffalo, N. Y tion more than one-half of his fter payment of debta ()) The Fiske will case promise THE ENGLISH NO