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Por Piles, Blind, Bleeding or Itch-ing, it is the greatest known remedy. For Burns, Scalds, Wounds, Bruisee and Sprains, its unequalled—stopping pall and healing in a marvellous manner. man healing in a marrelious manner.

For Kaffamed and Sore Kyes.—Its effect
upon these delicate organs is simply marvellous.

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complaints yield to its wondrous power.

For Theors. Old Sores, or Oven
Wornds, Toethacke, Faceacke, Bites
is most remarkable.

PROOFINENDED BY PHYSICIANS; USED IN HOSPITALS?

Considers.—POND'S EXTRACT has been embassed. The genesine has the words "POND'S EXTRACT" blown in the glass, and our picture the second of the consideration of the second It is never sold in bulk or by measure.\
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Prices 50c., \$1, \$1.75. Sold everywhere.



SOMDON, OHT. Friday, July 10, 1885.

THE PURIFICATION OF SEWAGE.

from sewage water is very fully discussed, two to produce myriads of these organisms. and this journal says:-

ing water surface of the Thames would shape will be present. be likely to develop typhoid fever on any Not less remarkable is the exceeding ra-

istence creates, even in London and on the salts of his calculations in another way, by saying that 'the bacteria issuing from a single germ would fill the ocean in five cays."

Thames. If there is a danger that must be saying that 'the bacteria issuing from a single germ would fill the ocean in five cays. Steam under pressure is the cays."

The same observer has expressed the results of his calculations in another way, by saying that 'the bacteria issuing from a single germ would fill the ocean in five cays. Steam under pressure is the cays. Steam under pressure is the cays. The same observer has expressed the results of his calculations in another way, by saying that 'the bacteria issuing from a single germ would fill the ocean in five cays. Steam under pressure is the cays. The same observer has expressed the results of his calculations in another way, by saying that 'the bacteria issuing from a single germ would fill the ocean in five cays. created to remove it. At Birmingham and Manchester the defecation system, by the use of lime and settling vats, removes the dangerous mass completely. In America it would be requisite to carry the sewage beyond the limits of large cities for such beyond the limits of large cities for such the climate height of the first or several the climate height of the first on secular during the several any other disease by means of rags which are shipped as merchandise. The opinion there are shipped as merchandise. The opinion only reliable agent for disinfection of rags."

This takes for granted no suggestion was great rapidity. The arswer is, that their lacrease is limited to their supply of food. As soon as the food material in a liquid containing them is exhausted, they perish.

(Reside multiplying by self division they are shipped as merchandise. The opinion only reliable agent for disinfection of rags."

This takes for granted no suggestion was great day, when the finest birds are brought out, any danger existed of spreading cholera or any other disease by means of rags which are shipped as merchandise. The opinion of them to suggestion was great rapidity. The arswer is, that their lacrease is limited to their supply of food. As soon as the food material in a liquid containing them is exhausted, they perish.

(Reside multiplying by self division they are shipped as merchandise. The opinion of page and the supply of and the properties of the fights on secular days, who could not the fight them is exhausted. treatment, the climate being more extreme. But it would be entirely practicable increase by means of spores. These are minute bodies, comparable to seeds, which form in the substance of a bacterium and subsequently develop into new beings.

"Beside multiplying by self division, they increase by means of spores. These are minute bodies, comparable to seeds, which form in the substance of a bacterium and subsequently develop into new beings."

"Beside multiplying by self division, they increase by means of spores. These are minute bodies, comparable to seeds, which form in the substance of a bacterium and subsequently develop into new beings. treatment, the climate being more exto carry the waste by deep-lant conducts to other parts, where the treatment could be safely made and the solid matter be of the greatest value as a fertilizer. The saturation of soils in England, resulting from a too free use of sewage, could not the treatment could subsequently develop into new beings. These spores remain alive after the death be caused by the drying up of the water in which they are living or by subjecting it to a boiling temperature. It is occur in our dry climate, and on the porous soils of which we have so many tracts available. The whole belt of these lands along the Atlantic coast invites this

Under this condition of urgency there would scarcely seem to be any question fication and the defecation of sewage. Any city can apply the requisite tests of what will become practicable, and private entermore pressing than that of municipal puriprise might contract for the erection of defecating works, the usual appropriations for sewer construction and street cleaning for the sewage must be removed. The preparation of a valuable product is incielental, but it is also certain if we follow the examples set by Birmingham and Man-

lainments what they may.

WHAT ARE BACTERIA?

This word is in common use just now, have more to dread from these little plants garded as accurate. teria cause all kinds of true putrefaction portation of wines from 1877 to 1884, inclusive, is as follows:—

gallons, epidemics and epizootics. Bacteria is the plural of Bacterium, a name given to a very low form of plant life, which is never seen except with the microscope, as they are only one twenty-thousandth of an inch in diameter. The engraving shows the sare is and most of those decompositions which are of a kindred character; they regularly decay, are the direct cause of many diseases, and floating in the air they cause epidemics and epizootics. Bacteria is the plural of Bacterium, a name given to a very low form of plant life, which is never seen except with the microscope, as they are only one twenty-thousandth of an inch in diameter. The engraving shows the same language of east Greenland is entirely differences, but the average was as follows:—

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A della A

BACTERIA, HIGHLY MAGNIFIED. appearance presented by the different ms as seen under the microscope. A single bacterium is shown at C. A number are most commonly joined end to end, as in A and B, to form rod-like bodies. They get their name from this peculiarity; the Greek name for a rod or a cane, is bactrys, and thus these rod-like forms of miroscopic life were named Bacteria.

It is supposed that influenzas, scarlet tever, cholera, and other "catching" maladies are caused by them, also that contagious ailments among animals come from the same source. Foot and mouth disease, hog cholera, chicken cholera, roup, Texas duction of wine, and value. fever, pleuro-pneumonia, and many other seases of animals are supposed to be caused by different kinds of bacteria. Conumption in man is of similar origin, caused by bacteria.

It is only necessary to add a few leaves or stems of hay or shreds of meat to a glass In Bradstreet's last issue the danger of water and allow it to stand for a day or Those who prepare them in this way for The danger to several of the larger cities microscopic examination would do well to New York Alabama from the poisonous waste carried to the examine the infusion at stated intervals rivers has become very great, greater with after the time of preparation, for there are our hot summer climate than it is in over- very many species of bacteria, and each populated London, and the first necessity species has its own time of generation. In for the production of wine, the average brances and his first questionings, he reis to provide for a system of defecation by about twenty-four hours after the infusion settling and cleaning the drainage water. has been made, a small drop of it placed The same authority considers now is the under the microscope will usually be que, the annual produce of a hectare of time to awake public attention to dangers found to be teeming with exceedingly which, even if developed in the small min- minute organisms of a spherical shape. 113 successive years, 1,779 litres, approxiing town of Plymouth, are seen to be a Twelve hours later many others of a rod deadly scourge. An experimenting shape, either straight or wavy, will proba-«commission that subjects its members to bly appear. In the course of two or three severe diarrhea from a visit to the nauseat days still others of a spiral or cork-screw

river shore, in July or August of our pidity with which these organisms multi-

high fertilization, and under it would yield the richest returns in vegetable gardening. Absorbent earths, lime, and possibly other fertilizing materials are abundant enough as vehicles for the fertilizing waste, and could be handled cheaply direct to the lands where they would create a value not now found.

Under this condition of urgency there.

"These spores are known to be present all ordinary atmospheres, floating about like a fine dust. It is they which cause all

The London Advertiser says:-"The people of this country as well as the N

members of the House are tired of the session All are anxious to see it come to an end." Our contemporary begins to see the mis-

mess those long dry speeches are mistakes, and none know it better than the orator's own friends. The age of long editorials, long sermons and long speeches is past. The man who does not recognize this fact is and make even the Opposition wish them.

The man who does not recognize this fact is and make even the Opposition wish them. The man who does not recognize this fact is and make even the Opposition wish them. The man who does not recognize this fact is and make even the Opposition wish them. The man who does not recognize this fact is and make even the Opposition wish them. The man who does not recognize this fact is and make even the Opposition wish them. The man who does not recognize this fact is and make even the Opposition wish them. The man who does not recognize this fact is and make even the Opposition wish them. The man who does not recognize this fact is and make even the Opposition wish them. selves were out of it.

AMERICAN WINES.

The following statistics are taken from ut most people appear to have a vague the report of the Chief of the Bureau of Montreal entitled "The American Clean Denmark next fall with the information borne in mind that this bacteria question is getting to be a serious one, for, according to the latest developments of science, we letc. The imports of course may be report of the Eureau of the Bureau of McDireal entitled. The American Clean Towel Company." For twenty cents, payable weekly, they furnish every morning a clean towel of their own, delivered to any part of the city. to the latest developments of science, we etc. The imports, of course, may be re-

than anything else, for it is said that bac- The average annual production and im-

The production in 1880 was abnorma

400 per cent., while the average annual ship. importation during the past four years has been but 171 per cent. greater than it was Portage la Prairie Tribune:-The ranche

In 1880 returns were obtained by the De partment of Agriculture from thirty five taking its place as the leading grazing district of any of the American or Canadian States, giving the acreage in vines, the pro- states or territories.

. 181,583 acres. . 23,453,827 gallon . \$13,426,175 The smallest acreage was fifty five acres. in Rhode Island; the largest was 32, 368 ginia creeper, one of the most popular acres, in California.

The largest yields were as follows: It will be seen that in those States, as

California, New Mexico, Georgia and yield is about 400 gallons per acre. Ac- plied that he remembered the lizards on que, the annual produce of a hectare of vineyard in the district of Volnay was for the vineyard in vineyard in the v mately 196 gallons per acre.

IMPORTED PAPER AND RAGS. Owing to the prevalence of cholera in different parts of Europe, restrictions were Not less remarkable is the exceeding rapidity with which these organisms multiply. A correspondent of the Country Gen age, and consequently the conclusions of the International Sanitary Conference recently discussing the form of the earth. One affilmed that it was round be earth. One affilmed that it was round be earth. One affilmed that it was replied in a straight line and come back to the same place. To this it was replied that men were apt to travel the minent German investigator, that a bacterium divides into two (they multiply by self-division), in the space of an hour, and that each one thus formed, distinct above it with the worst combination of offensive gases. Although ultimately purified, as all organic matter does and must decay, it renders the whole surround and faith each of a week, it will have amounted to about sixteen millions and half; and at the end of a week, it will have amounted to about sixteen millions and half; and at the end of a week, it will have multiplied to the incredible extent of requiring a number of fifty-one figures to express it. The same observer has expressed the results of his calculations in another way, by laid upon the importation of paper and

> "Beside multiplying by self division, they are shipped as merchandise. The opinion find time for the fights on secular days, are textile fabrics or in old dry linen, where it cannot find its necessary ailment unless there is a strong fermentation caused by moistening the articles with water the carried with the migrahe. The transporcharged with the microbe. The transportation of dry rags from an infected locality to another place does not present any dan. moisture the rapid multiplier of the American Union with impotence fo microbe. If cities pay attention, therefore, to the purity of the water which their in- tably to the most sanguinary and destrucwill disappear never to return.

> > THE FAILURE RECORD.

Canada are:-

In the first quarter of the year the total number of failures was 393 with constituting a part of the cost of conduct ing them, and the salable fertilizers making up another part. The direct duty of the city is the first thing to be considered, the city is the first thing to be considered, the city is the first thing to be considered, the city is the first thing to be considered, the city is the first thing to be considered, the city is the first thing to be considered, the city is the first thing to be considered, the city is the first thing to be considered, the city is the first thing to be considered, the city is the first thing to be considered, the city is the first thing to be considered, the city is the first thing to be considered, the city is the first thing to be considered, the considerable length, to the present distinct of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the second quarter 297 failures and liabilities of \$2,827,782; in the being:-

Toronto World:—Mr. Blake's latest take which was made by Messrs. David the first six months of 1885 is greater ship. The present distress has also been than in the same period of 1884 is Mani-largely brought about by extravagance shows that he is getting a little tired him-continued obstruction to the Franchise toba. The figures are, 1884. \$460,560, which appears to be a national character self. His hearers and the Globe's readers were fatigued long since In all seriousness those long dry speeches are mistakes, lo lions less than in 1883. °

CURRENT TOPICS

A new company has been started in to crack when Lieut. Holm returns to

The Canada thistle is causing no little worriment to Morris County (N.J.) farmportation of wines from 1877 to 1884, in- ers, who are to hold a meeting to devise

in diameter. The engraving shows the statistics of importation by decades since 1840 are given:

CELL-SACS.

Per cent. of Gallons imported.

Gallons imported.

Gallons imported.

4.748.362

96.5

American girls. There were 30 Marys, ed colonies on the east coast. He intended to winter at a large settlement in 65° north latitude, which Europeans have never visited. In all his wanderings along the coast he had not found the slightest tributed a large variety of names.

Toronto News:-One episode of the debate put Mr. Blake in an awkward posi-

in 1840, and is about 40 per cent. less than prospects of Alberta this year are brighter it was in 1860 and 1870. It appears, there- than they have ever been since ranching fore, that domestic wines are not only was introduced into the country. The meeting all the demands of increased consumption, but have already displaced a very large percentage of the wines hither to imported.

In 1880 returns were obtained by the De

> Many house-owners in Washington have tastefully decorated their house fronts by growing vines of various kinds. The Virplants for this purpose, is usually selected, harmless as well as a beautiful plant. A lack of botanical knowledge, however, seems to be shown by many citizens who have selected the similar but very poisonous plant known as the poison ivy for this correspond to the corresponding the University came well into play in New Zealand, and enabled ornamental purpose.

> In answer to a question put to Fred 'Why am I a black boy and why is Dan Floyd white? Why can he strike me and why must i never strike back? Why do some of us live in the cohier. ome of us live in the cabins and go lungry, while some live in the big houses and have enough to eat? If God is good, why did he make me a slave ?

Two Indians in a village near Quebec

The colony of Queensland, says, the St. James Gazette, is threatened by the plague ger. Water is the true progagator and which smote the fruitfullest regions of the generations; which led directly and inevihabitants use, and when they drain and tive civil war of modern times; which make wet localities salubrious, the cholera which at this day perhaps constitutes the greatest menace to the social and political future of the United States. The report The record of failures for the first six anoths of the current year, presents a tribingly forwardly forwar months of the current year, presents a tained as to the true nature of the trade strikingly favorable contrast to that of the two preceding years. The figures for labor" system of North Queensland is a system of isgaised slavery. It is slavery, limited by time; but, with that single exception, it would seem to involve all the worst horrors of the worst days of the South African slave trade.

The Japan Weekly Mail calls attention has not been without evil. The old system never witnessed such extreme poverty or destitution as exists at the present time. Quebec. 125 704,510 75 718,850 destitution as exists at the present time. Nova Scotia. 32 288,025 24 162,390 Taxation, though low, is rigid and never maintoba 22 320,685 16 167,999 Temitted, though in former times taxes were even abandoned during bad seasons. which the amount involved in failures in the first six months of 1885 is greater instead of kind, which adds to the hard

expedition up to the beginning of last winter has recently been received. He says the East Greenlanders have nothing whatever in common with the Esquimaux. The

When the true history of the late campaign in the Eastern Sudan comes to be tion. When the Premier read the Brown written, says the London Globe, it will be the annual average for 1881 to 1884, both Blake correspondence he played a trump found that the Sikhs played a most distinguished by the state of the sikh played a most distinguished by the sikh played by which was 23.3 per cent. of the total consumption.

The total consumption of wine in the United States has increased since 1840 fully 400 per cent., while the average annual of the total consumption of the average annual of the total consumption of the average annual of the total consumption of the total consumption of the total consumption of the consu saving the life of an English soldier, and the writer himself saw a non-commis the writer aimself saw a non-commissioned officer rush to the front and kill three Arabs with the bayonet before he was speared through the body. In a desperate fight on the 22nd of March the aide-de-camp to General McNeil would have lost his life, being wounded in the sword hand, had not a Sikh soldier slain the Arabs who were surrounding him; and it is executed. were surrounding him; and it is asserte that on this occasion several Sepoys be longing to the Fifteenth Sikhs accounted for seven or eight of the enemy apiece. Too valuable stuff, truly, to be left to waste away with disease and home-sickness on the horrible Red Sea littoral.

> Rev. Myron W. Reed, in a sermon on physical culture, in the First Congregaonal Church of Denver, Col., lately, said: "Selwyn, late Bishop of New Zealand, was an oarsman at Cambridge. He was the founder of a swimming association. owing to its bright green colors in summer the founder of a swimming association. and its scarlet leaves in the fall. This is a Only those who were in the river five days early training at the University came well into play in New Zealand, and enabled him to endure the hardships of a missionary life. He swam the rivers, pushing be fore him his clothing in a rubber sack During the five months' voyage he learned the new language, and was able to preact to the natives the first Sunday after landhis grandmother's fence, the well sweep, do, and do it better. It costs as much to

> Sir Stafford Northcote's change of name o Earl of Iddesleigh, a village in Devon with about 600 persons, will not be so marked as that of Mr. Gladstone's would have been had he accepted a peerage. Mr. were recently discussing the form of the Gladstone's refusal was a wise one. Other

> > sufficiently remarkable to be the subject of special comment in the Registrar-General's report. Up to 1841, nearly 931 in every hundred marriages came under this description; but since then the decrease has gone on year by year, until the percentage has fallen to a trifling fraction over 71 per cent.—the lowest point yet recorded. The figures show also a further decrease in the proportion of mornings by crease in the proportion of marriages by icense, and a corresponding increase in marriages by banns, the comparative number of which has been rising continuously since the quinquennial period 1856-

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IT WILL SURELY CURE * CONSTIPATION, PILES AND RHEUMATISM. causing FREE ACTION of all the organs as CLEANSING THE BLOOD estoring the normal power to throw off diseas THOUSANDS OF CASES the worst forms of these terrible diseases ha een quickly relieved, and in a short time

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