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THE TRUE WITNESS
Published by The Post Printing & Publishing Company, 761 CRAIG ST., Montreal, Canada.

THE TRUE WITNESS
Advertisement rates and subscription information.

CATHOLIC CALENDAR
August
Thursday, 24. St. Bartholomew, Apostle.
Friday, 25. St. Louis IX., King of France.

TO SUBSCRIBERS
We have mailed to all those who are in arrears for subscriptions, &c., to THE TRUE WITNESS a statement of their indebtedness.

ADmiral Nicholson, of the American Navy
who commanded the "Fleet" of the Republic at Alexandria—is most anxious to contradict the reports that he steamed round the British ships after the bombardment.

THE ANdacity of a N. Y. Herald correspondent
Interviewing the Sublime Porte—the Padiſhah, the Commander of the Faithful, &c.—is unprecedented.

MR. SExTON is in possession of affidavits
showing that several of the special (meaning packed) jury which convicted Hynes of murder were drunk beyond all doubt.

THE AMerican rifle team, soon to compete
with the English, is practicing assiduously at Creedmoor every day. It shows a decided improvement on last year, but then so does

the British, and if the Americans would win their best marksmen, as selected from Thursday's firing, must do still better.

IT is hard to please our profound contemporary, the Montreal Herald. While abusing Parnell and the Land Leaguers so fiercely during the local elections last December it took occasion of every opportunity to praise O'Connell, whereas now it is abusing the same body once more for erecting a statue to O'Connell.

THE British are now in military possession of the Suez Canal, having on Saturday occupied both ends of it, which are Suez and Port Said.

AFTER years of negotiations between Germany and the Vatican no settlement of the matter in dispute has been arrived at.

ADMiral Nicholson, of the American Navy—who commanded the "Fleet" of the Republic at Alexandria—is most anxious to contradict the reports that he steamed round the British ships after the bombardment and cheered them one after another.

JUDGE LAWSON'S spirit of vindictiveness has for the second time placed the British Government in an ugly position, and for the second time the action of this bigoted judge has to be discountenanced by the interference of his superiors.

now departed. Any legal action or sentence of his will in future be viewed with the gravest suspicion. He has been condemned on all sides, and the next thing we shall hear of him, in all probability, is that he has resigned or been expatriated.

CATTLE REVENGE.
Mr. O'Dwyer Gray, M. P. for Canlow, High Sheriff of Dublin, and proprietor of the Freeman's Journal, has been sentenced by Judge Lawson to pay a fine of five thousand pounds sterling and to undergo an imprisonment for three months.

According to cablegrams from Egypt battles on a small scale have been fought wherein hundreds of Arab's warriors have been killed without any loss to the British.

SOMETHING ABOUT ATHLETICS.
The presentation by the Shamrock Lacrosse Club last night to Mr. John Hoobin, one of its founders—if we may say so—reflects honor on the donors, equally with the receiver.

To the Editor of THE POST and TRUE WITNESS.
DEAR SIR.—A great deal has been said lately concerning the arrest of Mr. Dwyer Gray, and Judge Lawson is receiving great praise from many quarters for his courageous upholding of the dignity of the law.

ly a great lacrosse player retiring on his laurels to make room for one of the rising generation—a man who has won the respect and esteem of his fellow-players in the field of lacrosse in which he is versé.

At the celebration of the 25th anniversary of the ordination of the Rev. James Lonergan, which took place in St. Mary's Church on Sunday, the following address was presented by the Rev. James Lonergan, M. P. St. Bridget's: To Rev. James Lonergan, M. P. St. Bridget's: Rev. Sir.—The members of the St. Bridget's T. A. & B. Society avail themselves of the happy opportunity presented on this 25th anniversary of your ordination, of approaching you with a renewal of their sincere love and attachment, and to hope that your golden wedding will find you illustrating the virtues of your manhood and the labors of your youth.

COMMENT on the Toronto Mail for calm frontory. During the past three years, since the Irish agitation commenced, that organ of ultra-Anglicism has so shamelessly, so falsely and so persistently abused the Irish people that Mr. Bunting, its proprietor, had to withdraw from the contest in Toronto.

PRESENTATION TO MR. JOHN HOOBIN.
At nine o'clock last night the Shamrock Club and their invited guests assembled in the private dining hall of the St. Lawrence Hotel to present a testimonial to one of their number—Mr. John Hoobin—who retires from the field of lacrosse covered with laurels.

MR. McSHANE, in presenting Mr. Hoobin with a magnificent gold watch and appendages worth \$225, and the sum of \$175 in gold, made a brief but appropriate speech.

OBillington Hall, in England, has been the scene of great rejoicings at the birth of a son to the Obillington family. This is the first-born on the property in 23 years.

of verdict of guilty. He was refused food, although supper was sent to the rest, and with it liquor on which they got heavily drunk.

MONTRIAL, August 18th, 1882.
ADDRESS.
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ABOUKIR.
Its History.—Battle of Aboukir—Napoleon, 1798.
On two occasions in modern warfare Aboukir has been rendered famous and historical. It is probable that before long Aboukir will be famous and historical yet a third time. Following the railway line which skirts the Mediterranean shore from Alexandria, the traveler proceeds through Bahieh and thence past several insignificant fishing villages, the chief of which is El Mandara, until he reaches the point of Aboukir, at a distance of between thirteen and fourteen miles from what was once the Grande Place of Alexandria.

It was in 1798 that the British fleet set out to lock for Napoleon Bonaparte. Lord Nelson, then Sir Horatio, hoisted his flag in the Vanguard, seventy four guns, and was despatched by Lord Vincent from Gibraltar to Toulon where Napoleon was believed to be fitting out his expedition for Egypt.

On the night of the 1st of August, 1801, the Vanguard was disabled in a gale, and with weather continued, and Rear Admiral Brueys was enabled to escape successfully from Toulon, together with Napoleon and his troops.

On the night of the 23rd of July, 1798, Napoleon, fresh from his victory over the Mamelukes at the Battle of the Pyramids, encountered the Turkish army under Mustafa Pasha, who had 19,000 men under his command.

SHOT BEFORE THE CZAR'S EYES.
A curiously tragic story is told this week of the Czar, that, being interested in the operations of some laborers at work in the park at Peterhoff, he beckoned one of those who at once ran towards him, but reaching him fell dead, shot by the Emperor before his eyes.

Several sons of famous fathers are living their parentage in London. All the York Round is still conducted by Charles Dickens. This magazine was the domain of the personal property, and was left to the present Charles Dickens with the proviso that the name should be placed at the head of its pages.

HE RIDES UPON THE STORM. All Nature wears a wild and savage air, As if the universal end were nigh; The clouds are piled in angry wrath, The deep-toned thunder rends the vault above...

THE IRISH EXHIBITION. The O'Connell Monument! NO ROYAL PATRONAGE. HISTORY OF THE MOVEMENT!

The Dublin correspondent of the Herald sends the following:—This is the first exhibition of exclusively Irish industry and art that has ever been held in Dublin, and on its success or failure very much more depends than is apparent on the surface.

The proposal that the Queen should be nominated as president came from Belfast. It had a twofold object—in the first place to lend eclat to the big show and in the second to obtain from South Kensington Museum a large loan of works of art of every description...

on Earlport Terrace. But here a bitter dispute awaited them. Mr. Cecil Guinness, who purchased the building from the old company, had just disposed of it, the permanent portion, to the Senate of the Royal Irish University and the glass buildings to Mr. John Orwell Lever, M. P., who intends to remove one of Dublin's finest ornaments to Battersea Park.

Intending exhibitors were in a state of great uncertainty. It was feared that the question of a site might ultimately bring about another catastrophe. At last it was determined to build a new Exhibition Palace, and the Gardens behind the celebrated Rotunda were selected as the most suitable building ground, not only on account of their central position but because the large rooms of the Rotunda itself were available as auxiliary space for the accommodation of exhibits.

In the gallery at the northern extremity of the hall will be the first class refreshment bar and dining rooms and ladies' coffee room, from which there will be communication with the veranda approached from the garden by a staircase. Beneath the portion of the gallery which the restaurant will occupy will be built a kitchen.

This portion of the premises is devoted exclusively to the exhibition of machinery, and the Great Southern and Western Railway have already placed here a locomotive made at their works at Inchroche. In this department a powerful steam engine will be kept by the Exhibition Company constantly at work for the purpose of supplying, by means of shafting extending the entire length of the transept, the motive power to any exhibits which require to be driven.

lar and Concert Rooms are also to be used for exhibits. Altogether the space at the disposal of the company, after deducting porches, passages, &c., is about sixty-three thousand square feet, all of which it is expected will be fully occupied.

THE O'CONNELL MONUMENT.

Our Dublin correspondent sends the following:—Twenty years ago the movement, which has resulted in the erection of a truly national memorial to O'Connell, was started in Dublin. In October, 1862, a meeting of prominent citizens was held in the Mansion House, under the presidency of the Lord Mayor, and an influential committee was formed for the erection of a national memorial in a prominent position in the metropolis.

DELAIS.

It was fondly anticipated that the unveiling of the national monument would form a leading feature in the centenary celebration of August 6, 1875, but this was found to be impossible. The magnificence of the design, the care bestowed by Foley on the details of his work, and the number of commissions entrusted to him, retarded unexpectedly the progress of the O'Connell memorial.

speedily forgotten in the magnificence of the demonstration which marked the national holiday. Years rolled rapidly past, however, and there was no sign of the long talked of and long looked for memorial. Carlisle Bridge was rebuilt and renamed O'Connell Bridge, and then the contractor set to work on the base of the monument—a task which was dragged slowly along toward completion during the last two years.

THE MEMORIAL.

consists of three distinct parts—the square solid base or podium, which includes two gradients; the cylindrical drum, resting on the base, with fifty allegorical figures in high relief, and above, crowning the whole, O'Connell. The pedestal is of granite, with the arms of each of the four provinces in the centre of each of the respective upright faces.

Oh! where's the slave so lowly,

Condemned to chains unholy, Who, could he burst His bonds at first, Would pine beneath them slowly?

Next in the group come the artist with his kit of tools, the soldier and the sailor side by side, the peer and the commoner on equal footing, discussing the act of emancipation and its effects, the doctors of law and medicine in their academic robes, the men of science, the architect, the merchant, the representative of civic authority in municipal robes, and the passerby of various types.

KIDNEY WORT

IS A SURE CURE for all diseases of the Kidneys and LIVER. It has specific action on the most important organs, enabling it to throw off torpidity and excite the stimulus of the healthy secretion of the bile, and by keeping the bowels in free condition, effecting its regular discharge.

AMERICA AND EGYPT.

VOLUNTEERS ASSEMBLING IN THE SOUTHERN STATES TO AID ARABI. The following letter has been received by a gentleman in Toronto from an old friend in Texas. They served together in the Confederate army, and were both with General Morgan in his memorable raid through Ohio.

"You have no idea how delighted I was to receive your letter of—last. It is a little over ten years since you and I met. We often talk old times over here, and you may be sure your name is not left out. Every Christmas day brings up for conversation and comment that memorable dinner of Christmas, 1864. I have not had 'roast mule' since, and I don't expect to. When I commenced this letter I intended a great deal, but it has just struck me that I shall confine myself to giving you the information you desire in the matter of our expedition, and as I am going to insist on your coming to see us on board ship, we can then talk 'old times' over again.

BECAME INTIMATE WITH ARABI.

their military views agreeing, and I think Arabi has consulted him on most questions of importance. However, to-day he stands at Arabi's right hand. Two months ago he went to Virginia for—, who was with Morgan's Brigade, and afterwards commanded a Georgia regiment. On his return we were all brought together at—, and hence our little expedition. From all I can hear of Arabi he is a great man, a well educated soldier, a thorough statesman, politic and strategic. He has managed to interweave some of the national questions of Europe with the Egyptian question, so that he has secured the sympathy of one first-class power and tied the hands of two others. We have all decided anyway to

CAST OUR LOT WITH HIM.

(Here follows the arrangement that has been made, amount of pay, titles to be conferred on each, in case of success, which the recipient of the letter thinks would be unfair to publish). The letter goes on to say—"You see what an opportunity it is, and if you were not so wedded to your old foggy ideas of the 'British flag, &c.' you would come with us. It is only your flag by courtesy anyhow. You are neither English, Scotch, nor Irish, but simply a colonist. You have a wrong idea of this fight altogether. You will find it will last a good while, and at the end Arabi will be proclaimed, while to-day he is denounced. We are not for general distribution in the army, but intended for one brigade. We have our pick of men, horses, and arms, and will be detached and operate as Morgan, Gilmore, and Mosely did in our war, principally on foot. Think this matter over a little more, and come with the party in September. It is the opportunity of your life." The letter concludes with a denunciation of England for interfering in the matter, the writer declaring Arabi to be the choice of the people and the leader of the National party, who, he says, are in the majority.

"Twenty-four years' experience,"

says an eminent Physician, "convince me that the only cure for 'Nervous Exhaustion and weakness of the generative organs is to repair the waste by giving Brain Nerve Foods, and of all the remedies I have used Mack's Magnetic Medicine is the best." This remedy is now sold by all our Druggists at 50 cts per box, or 6 for \$2.50, and on receipt of an order for 12 boxes, accompanied with \$5.00, addressed to Mack's Magnetic Medicine Co., Windsor, Ont., they will forward the goods free by mail, and send their "written guarantee" to refund the money if the treatment does not effect a cure. See advertisement in another column. D3824W

THE GREATEST BLESSING.

A simple, pure, harmless remedy, that cures every time, and prevents disease by keeping the blood pure, stomach regular, kidneys and liver active, is the greatest blessing ever conferred upon man. Hop Bitters is that remedy, and its proprietors are being blessed by thousands who have been saved and cured by it. Will you try it?—Eagle.

MOUNT ROYAL COLLEGE.

115 Cadieux St., Montreal, P.Q. Under the patronage of St. Joseph. An International Business and Collegiate Institution for Boarding and Day Pupils. English and French Courses, and Teachers, with Preparatory, Business, Classical and Musical Departments. DIRECTED BY Prof. T. Russell. For many years Principal Teacher of the graduating Commercial classes at MONTREAL COLLEGE, TERREBOUNE, and ST. LAURENT COLLEGE, St. Laurent. CLASSES are taught through the medium of ENGLISH—Special Short Courses UNPARALLELED SUCCESS for the "OPENING YEAR" The United States and Canada highly represented. THE COLLEGE is Catholic in Principle and Practice. The Catholic Pupils are required by Rule to attend Regularly to their Religious Duties.

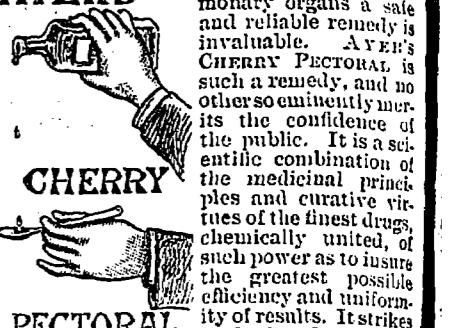
MOUNT ROYAL COLLEGE

aims to give its pupils, not only a Thorough Preparatory and Refined Social Education, but also a Sound Practical Business one; its founders will constantly endeavor to instill into the minds and hearts of those committed to their charge, principles of honesty, Sobriety, Integrity and Morality. A high standard of Integrity, Politeness, and Morality will be required of the Pupils. TERMS—Board, per annum, \$100; Tuition, English and French, Junior Department, \$20; Tuition, English and French, Senior Department, \$30; Tuition, the Department of Music, \$10. For Prospectus or Catalogue, which gives full information, address, PROF. T. RUSSELL, MOUNT ROYAL COLLEGE, MONTREAL, P.Q.

New Advertisements.

THE BEST REMEDY FOR

Diseases of the Throat and Lungs.



In diseases of the pulmonary organs a safe and reliable remedy is invaluable. AYER'S CHERRY PECTORAL is such a remedy, and no other so eminently merits the confidence of the public. It is a scientific combination of the medicinal principles and curative virtues of the finest drugs, chemically united, of such power as to insure the greatest possible efficiency and uniformity of results. It is especially adapted to the foundation of all pulmonary diseases, affording prompt relief and rapid cures, and is adapted to patients of any age, or either sex. Being very palatable, the youngest children take it readily. In ordinary Coughs, Colds, Sore Throat, Bronchitis, Influenza, Clergymen's Sore Throat, Asthma, Croup, and Catarrh, the effects of AYER'S CHERRY PECTORAL are magical, and multitudes are annually preserved from serious illness by its timely and faithful use. It should be kept at hand in every household for the protection it affords in sudden attacks. In Whooping-cough and Consumption there is no other remedy so efficacious, soothing, and refreshing. Low prices are inducements to try some of the many mixtures, or syrups, made of cheap and ineffective ingredients, now offered, which as they contain no curative qualities, can afford only temporary relief, and are sure to relieve and disappoint the patient. Diseases of the throat and lungs demand active and effective treatment; and it is dangerous experimenting with unknown and cheap medicines, from the great liability that these diseases may, while so trifled with, become deeply seated or incurable. Use AYER'S CHERRY PECTORAL, and you can confidently expect the best results. It is a standard medical preparation, of known and acknowledged curative power, and is as cheap as its careful preparation and fine ingredients will allow. Eminent physicians, knowing its composition, prescribe it in their practice. The test of half a century has proven its absolute certainty to cure all pulmonary complaints not already beyond the reach of human aid.

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. SOLD BY ALL DRUGGISTS EVERYWHERE.

MRS. LYDIA E. PINKHAM, OF LYNN, MASS.



LYDIA E. PINKHAM'S VEGETABLE COMPOUND.

For all those Painful Complaints and Weaknesses common to our best female population. It will cure entirely the most obstinate of these complaints, all ovarian troubles, inflammation and irritation, Falling and Displacements, and the consequent Spinal Weakness, and is particularly adapted to the change of Life. It will dissolve and expel tumors from the stomach at an early stage of development. The tendency to cancerous humors there is checked very speedily by its use. It removes fatness, flatulency, de-troys all craving for stimulants, and relieves weakness of the stomach. It cures Bleeding, Headaches, Nervous Prostration, General Debility, Sleeplessness, Depression and Irritability. That feeling of bearing down, causing pain, weight and backache, is always permanently cured by its use. It will at all times and under all circumstances act in harmony with the laws that govern the female system. For the cure of Kidney Complaints of either sex this Compound is unsurpassed.

LYDIA E. PINKHAM'S VEGETABLE COMPOUND is prepared at 235 and 237 Western Avenue, Lynn, Mass. Price 50 cts. Six bottles for \$2.50. In the form of pills, also in the form of lozenges, or receipt of price, \$1 per box, or \$5 for a year's supply, freshly answered all letters of inquiry. Send for pamphlet Compound is unexcelled. Address as above. Mention this paper.

No family should be without LYDIA E. PINKHAM'S LIVER PILLS. They cure constipation, biliousness and torpidity of the liver. 25 cents per box. Sold by all Druggists.

THE GREAT CURE



SOLD BY ALL MEDICINE DEALERS

GIVEN UP BY DOCTORS.

Is it possible that Mr. Godfrey is up and at work, and cured by so simple a remedy? I assure you it is true that he is entirely cured, and with nothing but Hop Bitters, and only ten days ago his doctors gave him up and said he must die?

Agriculture.

THE FARM.

GUANO.—The original Peruvian deposits best known in these countries were those of the island of Iquique, the hill of Ploa, and the three Chincha Islands. These deposits are now wholly or in great part exhausted. But within the last ten years another group of islands, also in the rainless region, was discovered, containing large quantities of guano, though not altogether of such good quality as that on the Chinchas. This guano consists not only of the exuviae of sea-birds, but also of those of seals and other aquatic animals, as well as of their dead bodies. Large caves inhabited by bats in Jamaica and elsewhere are continually being discovered, containing large accumulations of their dung, which, by being protected from the weather, is very little inferior to the genuine Peruvian guano, so that the fear of the proximate exhaustion of the supply of guano of fair quality is unfounded. Farmers may, however, apprehend that on account of the value of good guano an inducement to unscrupulous persons will be presented to adulterate the product, and that as knowledge and science advances greater facilities will be afforded such persons to carry out their nefarious designs. This is why agriculturists should make themselves acquainted with the more simple tests of the quality of this fertilizer. We shall now accordingly indicate for their information the principal of these tests: The first is that by drying, and applies principally to the Peruvian and Chilean varieties, which is usually, or ought to be, in a uniformly powdery state. Spread a portion of the guano on a sheet of paper, and let it lie for a couple of days in a dry and rather warm room. It should be weighed before and after spreading. What it may have lost in weight may be estimated as superfluous water. This is a test for moisture. The second is one by combustion. Four half an ounce of the dried guano into an iron ladle, and place it over five coals until nothing but a greyish white ash is left. The guano should be weighed before and after burning. The best sorts of Peruvian guano do not leave more than 20 to 33 per cent of ash, while the inferior kind is of Patagonian, Chili and African leave a residue of 60 and even 80 per cent., and those which are intentionally adulterated with sand and other mineral substances leave a still greater residue. When the ash left is yellowish or reddish it indicates a large mixture of earthy matter. While the guano is burning, if of good quality, the smell from it will be pungent, like spirits of hartshorn; but if inferior it will be more like stung horn shavings or hair. The third is called the lime test, and gives a rough-and-ready means of determining the relative quantity of ammonia in the guano. Take two or three wine glasses, and into each put a teaspoonful of the different samples of guano. Then put in an equal quantity of slaked lime, add two or three teaspoonfuls of water, and mix the substances together with a glass rod or a bit of dry stick. The slaked lime must have been kept from the air in a dry and well-corked bottle. The better the guano the stronger and more pungent will be the smell of the ammonia liberated by mixing it with the lime and water. The next is called the hot-water test. By this we may either boil half an ounce of dried guano in five or six ounces of water, and while still hot filter the solution, or, having placed the guano on a filter, we may continue to pour boiling water through it till such time as the drops that come through, being caught on a slip of glass and held over the light of a lamp, cease to yield any residue when dried up by the heat. Here again the insoluble residue is greater in proportion to the inferiority of the guano. The acid test is for detecting chalk and lime in Kooris Moorina and other inferior guanos. Mix the powdered guano with some water, and add a little strong vinegar. If chalk or carbonate of lime is present the mixture boils up. The last of these ready tests is by the weight. Good quality Peruvian guano varies in weight according to the moisture present from 60 to 70 lb a bushel. If heavier than 70 lb it is adulterated with sand, clay, marl, chalk, or some similar substance. The following is Way's analysis of Peruvian guano of good quality, being the average of 78 samples:—Moisture, 13.67; organic matter and salts of ammonia, 62.05; earthy phosphate, 22.78; alkaline earths, containing 3.34 phosphoric acid and equal to 6.89 soluble phosphate of lime, 9.67; sand, etc., 1.83. In the above the percentage of ammonia was 16.62, but we cannot at present expect this large percentage even in the best; 10 to 13 percent is reckoned very fair, and Peruvian is generally guaranteed about that. If such guano costs £13 per ton and has 13 per cent of ammonia, the price is a good indication of its real value to the farmer when judiciously applied to the land. The ammonia in guano has been valued at different times from £56 to £100 a ton, but it is evident that the source from which it is derived, and its chemical union with the other constituents of the fertilizer must very much modify its value to the agriculturist. An analyst determines the amount of ammonia and of soluble and insoluble phosphates which ammonia contains; he seldom takes into account any circumstances connected with it. At present prices the cost of the principal constituents of artificial manure in the wholesale market is per ton—ammonia, £30 to £100; soluble phosphate, £15 to £18; bone phosphate, in bone ash, £10, and in bones, £12; and sulphate of potassium in kainit, £14. In the trade these substances are bought by what is called the "unit," that is, each per cent. of the ingredient is multiplied by 20, and the product is said to be the unit of a ton. This is plainly incorrect. Other organic matter is generally reckoned worth from 10s to £1 a ton, and gypsum and sodium salts, 30s. In reckoning the value of an artificial manure from an analysis the latter is supposed to represent 100 tons, and then the proportionate part of each constituent being taken and multiplied by the price as given above, and the whole of the products totted up and divided by 100 an approximation to the value of the manure is arrived at, after adding carriage and the profits of the manure merchant. This of course does not take adulteration into account, the guaranteed analysis being supposed to preclude its possibility.

THE GARDEN.

ON HYBRIDIZING PLANTS.—The greatest triumph which gardeners have achieved in the management of plants is that by which almost innumerable and beautiful varieties of flowers have been raised from the weeds of our fields, as in the hellebores and tulips; and

what in exotics are comparatively little better than the single dahlia, the daffodil, pelargonium, and several other genera. This is effected by what is technically designated hybridizing and cross-breeding, by which process the properties in dissimilar but allied species (and, in some cases general) are so intermixed that the seedling produced will partake of the character of both plants, and the flowers be frequently superior to either. Nature, unaided by art, has accomplished much, and has produced the golden pippin apple from the wild crab, and the damson and other plums from the common sloe; yet, it must be confessed that art, properly directed, has effected and will afford more in a few years, than nature dependent upon accidental circumstances would do in a long life-time. As an operation to fill up the leisure hours of the lady gardener and amateur, we do not know anything more pleasing, for there is something akin to creative power in it, as we are bringing new forms into existence; and though all the offspring may not be equally interesting, some may be very pretty and others superlatively beautiful. No one but a parent can have a parent's feeling, it is a trite saying, and certainly the pleasure of an enthusiastic florist in viewing a first-rate flower of his own raising amounts almost in some cases to a species of idolatry. To explain the method of artificial fertilization it will be necessary to offer a few remarks on the formation of flowers. In all flowers, when divested of the petals or corolla, there will be found standing in the centre, and attached to the flower-stalk—a tubular, for illustration—a small pin-like substance, which is called the pistillum, or female organ, and surrounding it a number of shorter pins of various lengths, with rather large heads, which are called stamens, or male organs. A slight examination of various flowers will show a very beautiful nature has provided for the multiplication of the different species of plants; as, in some cases, the farina falls from the anther upon the stigma, while in others it is deposited there by an elastic force in the filament, as is exemplified in the flowers of the helleborus. The pistillum consists of three parts, viz., the ovary, the style, and the stigma, and has been likened to a column, as the first will represent the pedestal, the second the shaft, and the third the capital. The stamen also consists of three parts, which are called the filament, anther, and pollen or farina, a sort of mealy powder which the anther throws out, and which, when it falls upon the stigma, or top of the pistillum, fructifies it, and a production of seed is the consequence. Now, when gardeners wish to produce hybrid or cross-bred plants they divest the flowers which it is intended to produce seed from of their stamens, and proceed to fertilize the stigma with farina taken from some other plant; thus if we wished for a family of plants between fuchsia globosa, and F. Venus victrix, we should take the stamens from the flowers of the latter directly the flowers were open, and fertilize the stigma with farina taken from F. globosa, and the result would probably be plants resembling F. globosa, in habit, and partaking of the color of Venus victrix in the flowers, as the habit of the plant generally resembles the male parent, and the flowers those of the female; and for this reason particular attention should be paid to the choice of parents if we wish to make decided improvements in the habits of our plants. After the stigma is fertilized it should be guarded from the contact of honey seeking insects by a muslin bag placed over the flower, or by keeping the plants in a pit or frame covered with strong gauze or fine canvas. The best instrument to convey farina from one plant to another is a camel-hair pencil, and the best time to apply it is early in the morning, when the flower is full grown and the stigma is covered with its own mucus; but, to make assurance doubly sure, it is well to apply the pollen for several days successively. As it is reasonable to suppose an highly organized seed will produce a stronger plant than an improperly ripened one, no plant should be allowed to produce more than six pods of seed, but should be encouraged, by proper attention, to grow as healthy as possible. While it is convenient to fertilize the flowers as they open, and many should be allowed to produce seed, best kinds should be selected from the six best specimens known, would produce more good flowers than the seed from six hundred different kinds.—Dublin Freeman.

MOTHERS! MOTHERS! MOTHERS!!!

Are you disturbed at night and broken of your rest by a sick child suffering and crying with the excruciating pain of cutting teeth? If so, go at once and get a bottle of MRS. WINSLOW'S SOOTHING SYRUP. It will relieve the poor little sufferer immediately—depend upon it; there is no mistake about it; there is not a mother on earth who has ever used it, who will not tell you at once that it will regulate the bowels, and give rest to the mother, and relief and health to the child, operating like magic. It is perfectly safe to use in all cases, and pleasant to the taste, and is the prescription of one of the oldest and best female physicians and nurses in the United States. Sold everywhere at 25 cents a bottle.

REST AND COMFORT TO THE

"BROWN'S HOUSEHOLD PANACEA" is as equal for relieving pain, both internal and external. It cures Pain in the Side and Bowels, Sore Throat, Rheumatism, toothache, Lumbago and any kind of Pain or Ache. It will most surely quicken the Blood and Heat, as its acting power is wonderful. "Brown's Household Panacea" being acknowledged as the great Pain Reliever, and of double the strength of any other Balm or Liniment in the world, should be in every family handy for use when wanted, "as it really is the best remedy in the world for Cramps in the Stomach, and Pains and Aches of all kinds," and is for sale by all Druggists at 25 cents a bottle. [G26]

THE IRISH MILITIA.

All the regiments going from Ireland are to be replaced from England. I have reason to believe that in the contingency of militia regiments being embodied, the Government will consider a considerable number of the Irish auxiliary battalions to be called out, and immediately after the moment of assembly transferred to the continent of Europe. One of the Dublin battalions, probably both Tipperary regiments (the 4th battalion of the Royal Irish and the Artillery), the Lincolns Regiment and one of the Corks are in the running for service. Great interest is being used by the colonels of several Irish regiments. The Catholic chaplains of the force told officers for service in the field are Father Bellard, Brindley and Corbett. Two Presbyterian, two Wesleyan, and four Church of England chaplains are also going. The names of the chaplains are: Rev. J. H. Veale, G. O'Leary and J. McDowell, together with Surgeon-Majors W. Tanner, J. Warren and J. Beatty. The names of the chaplains are: Rev. J. H. Veale, G. O'Leary and J. McDowell, together with Surgeon-Majors W. Tanner, J. Warren and J. Beatty.

Medical.

Medical. ST. JACOB'S OIL. THE GREAT GERMAN REMEDY FOR RHEUMATISM, Neuralgia, Sciatica, Lumbago, Backache, Soreness of the Chest, Gout, Quinsy, Sore Throat, Swellings and Sprains, Burns and Scalds, General Bodily Pains, Tooth, Ear and Headache, Frost-bite, Feet and Ears, and all other Pains and Aches.

HEALTH FOR ALL. HOLLOWAY'S PILLS. These Famous Pills Purify the BLOOD, and act most powerfully, yet soothingly, on the Liver, Stomach, Kidneys & Bowels.

HOLLOWAY'S OINTMENT. Its Searching and Healing Properties are Known Throughout the World. FOR THE CURE OF Bad Legs, Bad Breasts, Old Wounds, Sores and Ulcers!

HOPE FOR THE DEAF. Dr. Peck's Artificial Ear Drums PERFECTLY RESTORE THE HEARING and perform the work of the Natural Drum, always in position, but invisible to others.

McSHANE BELL FOUNDRY! Manufacture those CELEBRATED CHIMNEYS AND BELLS for CHURCHES, ACADEMIES, &c. Price-list and circulars sent free.

BUCKEY BELL FOUNDRY. Bells of Pure Copper and Tin for Churches, Schools, Fire Alarms, Farms, etc. FULLY PATENTED. Catalogues sent free.

CLINTON H. MENEELY BELL CO., SUCCESSOR TO MENEELY & KIMBELLY, Bell Founders, Troy, N. Y.

WELLS, RICHARDSON & CO'S IMPROVED BUTTER COLOR. A NEW DISCOVERY. For several years we have furnished the Dairy of America with an excellent artificial color for butter, so meritorious that it met with great success everywhere.

Mowers and Reapers. COSSITT'S MOWERS, REAPERS & RAKES. Over 10,000 farmers in the Province of Quebec alone have bought our Implements and are satisfied they are the best they could have.

Musical Instruments, &c. THE WEBER BABY GRAND. RECEIVED HOME. "THE WEBER PIANO" Is generally acknowledged the grandest instrument of music which has ever appeared in the household, or adorned the Lyric Stage.

NEW YORK PIANO CO., ST. JAMES ST., MONTREAL. SOLE AGENTS WHOLESALE AND RETAIL. SEND FOR THE NEW ILLUSTRATED CATALOGUE.

NEW ADVERTISEMENTS.

NOTICE.—The Canada Advertising Agency, 250, St. King St. West, Toronto, W. W. Burton, Manager, authorized to receive advertisements for this Paper.

PROVINCIAL EXHIBITION

MONTREAL, SEPTEMBER 14TH TO 23RD. Agricultural and Industrial. \$25,000 IN PREMIUMS.

Will be paid for the detection and conviction of any person selling or dealing in any bogus, counterfeit or imitation Hor Bitters, especially Bitters or preparations of the word Hor or Bors in their name connected therewith, that is intended to mislead and cheat the public, or for any preparation put in any form, pretending to be the same as Hor Bitters.

A PERFECTLY RELIABLE ARTICLE OF HOUSEHOLD USE IS THE COOK'S FRIEND BAKING POWDER. It is a preparation of pure and healthy ingredients, used for the purpose of raising and shortening, calculated to do the best work at least possible cost.

Professional Cards. DR. J. L. LEPROHON. OFFICE AND RESIDENCE 237 ST. ANTOINE STREET.

DR. KANNON, M.D., M.C.P.S. Late of Children's Hospital, New York, and St. Peter's Hospital, Albany, etc. 219 St. Joseph Street, opposite Colborne Street.

ROYAL DYE WORKS, 706 CRAIG STREET. N.B.—We have no Branches or Agencies in the city. Established 1870.

BRISTOL'S SARSAPARILLA & SUGAR-COATED PILLS. THE BEST BLOOD PURIFIERS. PREPARED BY LANMAN & KEMP, NEW YORK.

St. Laurent College. COMPLETE CLASSICAL COURSE AND COMPLETE COMMERCIAL COURSE. English and French.

TO SAW MILLERS! The British Canadian Lumbering and Timber Company, Toronto, wish to contract with parties who will erect one or more Water or Steam Saw Mills on the Upper Ottawa, and saw under contract for a term of years about 15,000,000 feet of Lumber annually; the logs to be furnished by the Company.

GLASGOW DRUG HALL. 400 NOTRE DAME STREET. Warner's Safe Kidney and Liver Cure; Safe Diabetic Cure; Nervine and Tonic Bitters; Supply just received at the GLASGOW DRUG HALL.

IRISH AMERICAN COLONY LATION COMPANY (LIMITED). Farms of all sizes for sale in South Western Minnesota, on time contracts or for cash.

WITH FIVE DOLLARS YOU CAN BUY A WHOLE Imperial Austrian 1000 Government Bond. ISSUED IN 1861.

INTERNATIONAL BANKING CO., No. 150 Broadway, New York City. ESTABLISHED IN 1874.

COLLEGE OF OTTAWA. OBLATE FATHERS OF MARY IMMACULATE. COURSE OPENS 6TH SEPTEMBER.

CANADA, PROVINCE OF QUEBEC, DISTRICT OF MONTREAL, Superior Court. Dame Josephine Lehoue, of the City and District of Montreal, wife of Etienne Salomon, machinist of the said City and District, duly authorized to appear in judicial proceedings.

THE WAR IN EGYPT.

British Forces En Route for Ismailia. Arabi's withdrawal from Ismailia. Gen. Macpherson's arrival at Suez. Port Said, Aug. 21.—It is stated that all the Arab laborers have fled, and the ships traversing the Suez Canal must be crewed by their own crews.

THE PRINTER'S WOOING.

The printer told of the "galley" loved, To his friend both tried and true; "And 'Ed it may seem 'comma' cal,— But I'll give the 'case' to you."

All the People of the Dominion of Canada are Concerned.

Here are some more of the many hundreds of the leading men of the Dominion of Canada who have been cured of Catarrh, Bronchitis, Asthma and Lung Disease by Dr. Souville's Spirometer, an instrument which conveys medicinal properties direct to the seat of the disease.

ARABI'S SENSE OF HONOR.

A romantic story, designed to illustrate at once the delicate sense of honor of Arabi Pacha and his hatred of the English, is published in a Vienna newspaper.

A CONVENT FOR RICHMOND.

The enterprising people of this thriving town are making every effort to induce the Nuns of the congregation to establish a convent in their midst.

FINANCE AND COMMERCE.

FINANCIAL. TRUE WITNESS OFFICE. TUESDAY, August 22, 1882. Rates of money on this market are unchanged. Commercial paper is discounted at 6 to 7 per cent, and call loans on stocks are obtained at 5 to 6 per cent.

1834; 75 do 1834; 150 do 1834; 100 do 1834; 235 City Passenger 156. Montreal stocks, with few exceptions, were 1/2 to 1/4 easier this afternoon.

COMMERCIAL.

Speaking generally, business continues in satisfactory volume for the season of the year in all the leading lines. The total imports of goods at Montreal for the month of July were valued at \$4,615,003, an increase of \$720,057 compared with the imports of July, 1881.

ON SALT.

ON SALT.—Steady and in moderate demand. Lined Oil is at 70c to 72c for raw, and 73c to 75c boiled.

HOOPS.

In consequence of the failure of the English crop, as previously reported, the hoop market is firm, and dealers quote from 40c to 50c for good to choice Canadian of 1881 growth.

NEW ENTERPRISE.

TORONTO, Aug. 17.—The Globe's special cable dated London, August 16th, says:—another Canadian enterprise has been launched upon the market here.

HOW TO TELL GENUINE FLORIDA WATER.

The true Florida Water always comes with a little pamphlet wrapped around each bottle, and in the paper of this pamphlet are the words, "Lanman & Kemp, New York," water mark, or stamped in pale transparent letters.

LOUISIANA STATE LOTTERY COMPANY.

INCORPORATED IN 1868 FOR 25 YEARS BY THE LEGISLATURE FOR EDUCATIONAL AND CHARITABLE PURPOSES WITH A CAPITAL OF \$1,000,000.—which a reserve fund of \$500,000 has since been added.

KNABE PIANOFORTES.

UNQUALIFIED IN TONE, TOUCH, WORKMANSHIP & DURABILITY. WILLIAM KNABE & CO., No. 204 & 206 West Baltimore St., Baltimore, Md.

MONTREAL CATTLE MARKET—Aug. 21.

At Vigor market this morning there were about 825 cattle, 800 of which were from the West. We quote choice heaves at 50 to 55c, second at 45 to 48c and third at 40 to 43c.

SHIPMENTS OF CANADIAN LIVE STOCK.

The shipments of live stock from Canada to Great Britain for the week ending 19th August, 1882, as reported by C. H. Chandler, Insurance and shipping agent, were:—

Table with columns for Cattle, Sheep, and various breeds like Jersey, Friesian, etc. with corresponding counts.

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NEW ADVERTISEMENTS.

SCHOOL TERM OF 1882-83.

SCHOOL BOOKS.

A COMPLETE ASSORTMENT OF ALL THE STANDARD SCHOOL AND COLLEGE TEXT-BOOKS, NOW READY.

EMBRACING WORKS ON.

- ALGEBRA, ANATOMY, PHYSIOLOGY, HYGIENE, ETC., ARITHMETIC, ASTRONOMY AND METEOROLOGY, BOOK-KEEPING, BOTANY, CHEMISTRY, COMPOSITION AND RHETORIC, DICTIONARIES (English and Foreign Languages), DRAWING, ELOCUTION, FRENCH, GEOGRAPHY, GEOLOGY, MINERALOGY, AND METALLURGY, GEOMETRY, TRIGONOMETRY, SUVEYING, NAVIGATION, ETC., GERMAN, ENGLISH GRAMMAR AND ETYMOLOGY, GYMNASTICS, CALISTHENICS, PHYSICAL EXERCISES, HISTORY, ITALIAN, LATIN, LITERATURE AND ART, LOGIC, MECHANICS AND ENGINEERING, METAPHYSICS, MYTHOLOGY, MUSIC, NATURAL HISTORY, NATURAL PHILOSOPHY, OBJECT AND KINDERGARTEN TEACHING, PENMANSHIP, POLITICAL AND SOCIAL SCIENCE, READERS, PRIMERS, SPANISH SPELLERS, TEACHERS' AIDS, AND ZOOLOGY.

EARLY CLOSING.

S. CARSLY'S stores close at 2 o'clock on Saturdays, and at 6 o'clock on other days.

WE OPEN TO-DAY.

Another class of Ladies' Silk Underwear which will be sold at a reduction even on former prices.

EXTRAORDINARY DEMAND.

S. Carlsley's Black Dress Silks are selling as fast as they can be made.

TWO GREAT REASONS.

Firstly—S. Carlsley's Silks are the right make to wear. They always give entire satisfaction.

S. CARSLY, MONTREAL.

CULTURE.

THE NEW ENGLAND CONSERVATORY opens September 14th, in its NEW and SPLENDIDLY EQUIPPED HOME, in the heart of Boston.

KNABE PIANOFORTES.

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