

Scientific and Useful.

NICE FRENCH CAKE. Two cups of sugar, one-half cup of butter, four eggs, one cup of milk, three cups of flour, one teaspoonful of soda, and two teaspoonfuls of cream tartar. This makes two loaves.

NICE MOLASSES COOKIES. One cup molasses; one-half cup cold water; one-half cup of lard or butter; one heaping teaspoonful of vinegar; one teaspoonful of ginger.

GOOD DOUGHNUTS. Two cups of sugar; two cups of sweet milk; two eggs; one teaspoonful of saleratus; two teaspoonfuls of cream tartar; one teaspoonful of ginger; little nutmeg.

CURE FOR POISON FROM IVY. Steep pokeweed in hot water, and bathe the parts affected with the resulting liquor.

TO PICKLE GREEN TOMATOES. Cut in thin slices a peck of green tomatoes sprinkle with salt, allowing a pint to a peck; let them stand twenty-four hours, and then drain them. Slice twelve onions, a quarter of a pound ground mustard seed, one ounce whole allspice, one of whole cloves, one ounce ground black pepper. Put in the kettle a layer of each—one of tomatoes and one of mixed spice and onions—until all are in alternately, then cover with vinegar and let them boil until clear. Sprinkle a cup of sugar with the tomatoes and spice just before they are done. It makes a very savory pickle, and will keep over a year.

WATERMELON-RIND PICKLE. Peel the outer rind from ten pounds of the melon. Put the pieces, cut in such fashion as you may fancy, into your preserving-kettle well covered with water. Let them boil a few minutes. Then lay on dishes to drain and cool. Pour out of the kettle in which you par-boiled the fruit, and return to it the rind as soon as cooled. Cover with vinegar and three pounds of sugar seasoned to your taste with mace, cloves, and allspice. For three or four mornings successively pour off the vinegar, bring it to boiling heat and pour over the pickles, when it will be ready for use.

SPICED FRUIT. Among the delicacies of the table are spiced currants, eaten instead of currant jelly, with meats. Any other acid fruit, as pears, apples, and peaches, are very nice put up in this manner. To seven pounds of fruit add three pounds of sugar, one pint of vinegar, and a tablespoonful of every kind of spice—cloves, cinnamon, allspice, and nutmeg.

KEEPING HAMS. Farmers' families are often troubled about how to keep hams in the summer. We have tried a good many ways, and have always failed in keeping them nicely. The smoke house, though hidden away in among the apple trees that lay their limbs lovingly over, above, and around it, is still too warm; the wide, roomy cellar too damp; and the shop, though cool and airy, being the large third story of the "old house," is too light.

A good neighbor, who knows all about it, tells me that he always packs away hams in the early spring time, before the flies come, in a box, with all the interstices between the ham, filled up with some coarse, dry salt, that he has used for many years for the same purpose—salt that came out of fish barrels. He washed and dried it thoroughly first. He keeps the box in his barn, in a cool, airy place.

AS TO BOTS. Bots are the larvæ of the horse gad-fly (Estrus equus), and are in a condition exactly equivalent to that of the caterpillar of a moth or butterfly. They, therefore, cannot breed or reproduce themselves in the stomach of a horse, being imperfect insects and incapable of breeding. It is easier to prevent their presence in the horse's stomach than to get rid of them. If the yellow nits or eggs which may be seen upon horses' knees or shoulders in July or August are washed off with warm water, or scraped off with the edge of a knife, the horse cannot lick them off and carry them to their temporary resting-place. Every farmer should learn the natural history of the insects and animals with which he comes in contact; then he would know how to treat them with propriety.

SALT FOR STOCK. While a certain amount of salt is absolutely necessary for the health of stock, it by no means follows that its indiscriminate use is either needful or safe. On the contrary, salt used in excessive quantities is highly dangerous. It then acts upon the stomach and intestines as an irritant poison, and cases of death have occurred through permitting cattle and hogs to consume too much of it. When stock are allowed free access to it they will take a small quantity very often, but if denied a frequent supply they become ravenous for it, and are in danger of eating it to excess. The safest way is to use a small quantity regularly in the food; a quarter of an ounce daily being amply sufficient for a cow or a horse, and a fourth of that quantity for a hog or a sheep. If stock are salted once a week, no more than one ounce at a time should be given to a cow, and a quarter of an ounce to a sheep or hog. It should also be given in such a manner that no one animal should eat more than its share. It may be given scattered thinly in the feeding trough with more safety than in any other way, excepting when it is mixed with the food. Regularity in its use is the most conducive to the health of the cattle. We find it necessary to give this caution, because some of our readers have been led to suppose, very erroneously, that as it is a good thing, stock cannot have too much of it.

No man ever sank under the burden of to-day. It is when to-morrow's burden is added to the burden of to-day that the weight is more than a man can bear.

Miscellaneous.

HAMILTON COLLEGIATE INSTITUTE. CLASSES RE-ASSEMBLE AUG. 14. Candidates prepared for Matriculation in University in ARTS, MEDICINE, LAW, AND ENGINEERING. For the Preliminary Examination in the Law Society, for Provincial Candidates, and for the Civilist Scholarship GEO. DICKSON, B.A., Head Master. For Circular containing all information regarding the Institute, apply to the Head Master.

FOR THE HOLIDAYS! Pic-Nic, Excursion, and Camping Parties. Supplied with all requisites CANNED FRUITS, CANNED FISH, CANNED VEGETABLES, &c. MILLS BROS., Cor. of King St., and East Market Square.

R. A. REEVE, B.A., M.D., OCUList & AURIST, 22 Shuter Street, corner of Victoria, TORONTO.

BLAIE & ALEXANDER, WILLIAM ALEXANDER JOHN STARR, 10 KING ST. EAST, TORONTO. Members of the Stock Exchange.

STOCK BROKERS & ESTATE AGENTS Stocks, Bonds, Debentures, Houses, Lands &c., bought and sold. MONEY loaned on Mortgage. Mortgages negotiated. Investments made. Orders by letter or Telegraph will receive prompt attention.

D. S. KEITH & CO., PLUMBERS, GAS & STEAM FITTERS BRASS FOUNDERS AND FINISHERS, Manufacturers of

PETROLEUM GAS WORKS, Engineers and Plumbers' Brass Work, &c., Conservatory and Green House Heating. Importers and Wholesale Dealers in Iron and Lead Pipes and Plumbers' Materials.

109 KING STREET WEST, TORONTO. SPRING FASHIONS, 1874.

NEW YORK PATTERN HOUSES, 110 Yonge Street, Toronto. MILLINERY, DRESS MAKING, And Ladies' Outfitting Establishment Mantles, Staple and Fancy Dry Goods, Berlin Wool, &c. UNDER-CLOTHING MADE TO ORDER J. SUTHERLAND, Agent for Mme. Demorest's Reliable Pattern. The assortment comprises all the standard and useful styles, together with New and Elegant Designs in Spring Goods.

MILCIN IN GOLD AND SILVER CASES. WATERPROOF WATCHES. THE COMPLETE GUARANTEE WITH EACH WATCH. W. WHARIN 23 KING ST. WEST TORONTO

A LARGE ASSORTMENT OF GOLD & SILVER WATCHES AND JEWELRY. JOHN WANLESS, 172 Yonge St TORONTO. Just arrived from Europe for sale cheap.

VICTORIA WOOD YARD, Order Office 40 VICTORIA STREET, Directly Opposite. COR. QUEEN and BRIGHT STREETS. All kinds of Coal and Wood on hand and for sale at lowest rates. Narrow-gauge Wood by the car-load. Orders promptly delivered. J. & A. MCINTYRE.

Groceries.

JAMES SHIELDS & CO., IMPORTERS OF GROCERIES. And Manufacturers of BISCUIETS AND CONFECTIONERY. Corner of Yonge and Temperance Sts., TORONTO.

Music. MASON & CABINET For Churches and

THE ONLY American Musical Instrument of such extraordinary and recognized excellence as to command a wide sale in Europe, notwithstanding competition there with products of cheap labor. ALWAYS awarded highest premiums, including the MEDAL AT THE PARIS EXPOSITION, besides having been preferred above all the other Organs at the Industrial Exhibitions in America.

UNIVERSALLY recommended by eminent Musicians, as possessing excellencies not attained in any others. See opinions of ONE THOUSAND MUSICIANS in Testimonial Circular.

ILLUSTRATED CATALOGUE and TESTIMONIAL ORGANS, which may save purchasers from needless instruments or payments of high prices, MASON, RISCH, GENERAL AGENTS FOR CANADA.

PIANOS. THE MATHUSHEK Is endorsed by the most noted artists of the day as the BEST PIANO MADE.

THE FISHER, Is thoroughly made, and a most delightful Parlour Instrument.

THE BEAUTY Seven octave, overstrung, rosewood, all round corners, three mouldings, back finished like front, carved legs, at \$325. Endorsed by Jules Benedict, Pianist to the Queen, Thalberg, &c., and awarded gold medal at the Bielefeld Institute.

PRINCE ORGANS, The best in the market. All Instruments WHOLESALE AND RETAIL, and warranted five years. We are in a position to supply local dealers in every part of the Dominion at manufacturers' lowest wholesale prices.

NORRIS & SOPER ADELAIDE-ST., TORONTO.

For fattening and bringing into condition Horses Cows, Calves, Sheep and Pigs—used and recommended by first-class Breeders. Milk Cattle produce more milk and butter. It fattens in one fourth the usual time, and saves food. A DOLLAR BOX CONTAINS TWO HUNDRED FEEDS. HUGH MILLER & CO., Agricultural Chemists, 167 King St. East, Toronto. For sale by Druggists everywhere.

TICKS ON SHEEP Miller's Tick Destroyer promotes the growth of the wool, destroys the Ticks, and improves the condition of the animal. A 35c box will clean 20 sheep or 30 ewes. Sold by Druggists and Storekeepers. HUGH MILLER & CO., Proprietors, Toronto.

W. W. BLYMYER MANUFACTURING CO'S BELL'S. FIRE ALARM. Five sound, five period, warranted against breakage. Catalogue containing full particulars, prices, &c., sent free. BLYMYER MANUFACTURING CO., Cincinnati, O.

CANADA STAINED GLASS WORKS, ESTABLISHED 1856. FIRST PRIZE AT PROVINCIAL EXHIBITION, 1871-72. Ecclesiastical and Domestic Stained Glass Windows executed in the best style. BANNERS AND FLAGS PAINTED TO ORDER. JOSEPH McCANLUND, Proprietor.

Dyer.

ESTABLISHED 1844. A. MCDONALD, Renovator and Dyer, Of Gentlemen's Wearing Apparel, No. 21 Albert Street, Cor. of James, TORONTO.

HARDWARE. RODGERS' Ivory handled Table and Dessert Knives. RODGERS' Saws, Carvers and Stools. ELECTRO-PLATE Table, Dessert, and Tea Spoons. Table Mats, Tea Bells, &c., &c., &c.

RICE LEWIS & SON, HARDWARE MERCHANTS, TORONTO. Music.

HAMLIN, ORGANS. the Family Circle, EXCLUSIVELY employing several important inventions, and embracing every real improvement.

THE MOST EXTENSIVE and complete factories in the world, producing better work at less cost than otherwise possible.

PRICES as low as consistent with scrupulous employment of only best material and workmanship. Ministers and Churches liberally dealt with.

CIRCULAR, with important information about appointments in purchase of inferior or worthless goods.

& NEWCOMBE 81 KING STREET EAST, TORONTO.

Retail Dry Goods. Spring Hosiery.

CRAWFORD & SMITH Invite special attention to their New Stock of MERINO AND COTTON HOSE!

Children's and Ladies' Scotch Merino Hose, Children's and Ladies' English Merino Hose, Children's Coloured and White Cotton Hose, Ladies' Coloured and White Cotton Hose, Children's and Ladies' Balbriggan Hose, Children's and Ladies' Lisle Thread Hose, Ladies' Scotch and English Merino Underclothing, and Scotch and English Merino Underclothing. 91 KING STREET EAST.

Undertaking. H. STONE, UNDERTAKER, 347 Yonge Street, Toronto.

Funerals furnished to order. Fish's Metallic Burial Cases always on hand. REFRIGERATOR COFFINS supplied when required. J. YOUNG, Late from G. Armstrong's undertaking Establishment Montreal. UNDERTAKER, 351 YONGE ST., TORONTO.

Funerals furnished with every requisite. Agent for Fish's Patent Metallic Burial Cases. Medical and Dental. R. G. TROTTER, DENTIST, 53 King Street East, Opposite Toronto Street Toronto, Ont.

J. W. ELLIOT, DENTIST, Uses his own new PATENT MILLERS' EXTRACTORS, and MOULDING-FLASKS. 43 and 45 King-st. West, over E. Hooper & Co. Druggists.

JAS. BASTEDO, SURGEON DENTIST, 34 King Street West, Hamilton, Ont. RESIDENCE—73 Bay Street North, where appointments can be made.

\$5 TO \$20 per day. Agents wanted. All classes of working people, of either sex, young or old, make more money at work for us in their spare moments, or all the time, than at anything else. Particulars free. Address, GREEN & CO., Portland, Maine.

DR. C. M'LANE'S

CELEBRATED LIVER PILLS, FOR THE CURE OF Hepatitis or Liver Complaint, DYSPEPSIA AND SICK HEADACHE.

Symptoms of a Diseased Liver. PAIN in the right side, under the edge of the ribs, increases on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes the pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for a rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternative with lax; the head is troubled with pain, accompanied with a dull, heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful sensation of having left undone something which ought to have been done. A slight, dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled, his feet are cold or burning, and he complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every remedy. Several of the above symptoms attend the disease, but cases have occurred where few of them existed, yet examination of the body, after death, has shown the LIVER to have been extensively deranged.

AGUE AND FEVER. DR. C. M'LANE'S LIVER PILLS, IN CASES OF AGUE AND FEVER, when taken with Quinine, are productive of the most happy results. No better cathartic can be used, preparatory to, or after taking Quinine. We would advise all who are afflicted with this disease to give them a FAIR TRIAL. Address all orders to FLEMING BROS., PITTSBURGH, PA.

P. S. Dealers and Physicians ordering from others than Fleming Bros., will do well to write their orders distinctly, and take none but Dr. C. M'LANE'S, prepared by Fleming Bros., Pittsburgh, Pa. To those wishing to give them a trial, we will forward per mail, post-paid, to any part of the United States, one box of Pills for twelve three-cent postage stamps, or one vial of Vermifuge for fourteen three-cent stamps. All orders from Canada must be accompanied by twenty cents extra. Sold by all respectable Druggists and Country Storekeepers generally.

Dr. C. M'LANE'S Vermifuge Should be kept in every nursery. If you would have your children grow up to be HEALTHY, STRONG, and VIGOROUS MEN and WOMEN, give them a few doses of M'LANE'S VERMIFUGE, TO EXPEL THE WORMS. BEWARE OF IMITATIONS.

UNION MUTUAL LIFE INSURANCE CO DIRECTORS' OFFICE 153 TREMONT ST., BOSTON ORGANIZED 1846. President—HENRY CROCKER. Vice-President—DANIEL SHARP. Secretary—WHITING H. HOLLISTER. Assistant Secretary—CHARLES H. BREWER.

Statement for the year ending Dec. 31, 1873. RECEIPTS. Premiums \$1,670,285 13 Interest 601,731 51 Total Receipts \$2,272,016 64 DISBURSEMENTS. Death Losses \$416,800 00 Paid for Surrendered Policies 180,368 24 Paid Return Premiums 345,401 17 Paid Matured Endowments 7,900 00 Total amount returned Policy-holders \$959,469 41 Assets, \$8,000,000; Surplus at 41 per Cent., \$1,353,871.

This Company unites absolute safety to low cash rates; it is economically managed, and returns yearly all surplus revenue to its Policy-holders. Its liberal features are equalled by few Companies, and excelled by none. J. H. MCNAIRN, General Agent, Temple Chambers, Toronto 62, Toronto.

IN THE SURROGATE COURT OF THE COUNTY OF YORK. In the matter of the guardianship of the infant children of Samuel Higgins late of the City of Toronto, in the county of York, Hotel keeper, deceased.

TAKE NOTICE That after the expiration of twenty days from the first insertion hereof, application will be made to the Judge of the Surrogate Court of the County of York by Ann Castle, the mother of said infant children, to be appointed guardian over such infants. This notice is given under the provisions of section 3 of Chapter 74 of the consolidated statutes of Upper Canada. CAMBRON, McMICHAEL, & HOSKINS, Solicitors for said applicant, Ann Castle. Dated this 20th day of June, A.D., 1874.

ALEX. GEMMELL, BOOTMAKER, Sign of the "Golden Boot" 97 KING STREET WEST, Has in Stock a very large assortment of Gentlemen Sewed Boots, Home Made. First-class English Boots at reasonable prices!

R. MERRYFIELD Boot and Shoe Maker, 186 YONGE STREET. A large and well assorted Stock always on hand.