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CANADIAN DRUGGIST.

DEVOTED TO THE INTERESTS OF THE GENERAL DRUG TRADE AND TO THE ADVANCEMENT OF PHARMACY.

Vol. 2. { PUBLISHING HOUSE, }
{ STRATHROY, ONT. }

JULY, 1890.

{ 6 WELLINGTON ST. WEST, } No. 7.
{ TORONTO, ONT }

CANADIAN DRUGGIST.

WILLIAM J. DYAS, - Editor and Publisher.

SUBSCRIPTION, \$1 PER YEAR, IN ADVANCE.
Advertising Rates on Application.

The Canadian Druggist is issued on the 15th of each month, and all matter for insertion should reach us by the 5th of the month.
All cheques or drafts to be made payable to the editor. No advertisements or changes to be addressed.

CANADIAN DRUGGIST,

TORONTO OFFICE, STRATHROY, ONTARIO,
6 Wellington St. West.

Pharmaceutical Association of the Province of Quebec.

ANNUAL MEETING.

The annual meeting of this association was held on Tuesday, June 10th, 1890, in the lecture room of Laval University, Quebec City, which, by the kindness of the rector was placed at the disposal of the association. In the absence of Mr. Jos. Contant, President, Mr. David Watson, 1st Vice President, occupied the chair. The Secretary-Registrar, Mr. E. Muir, read the minutes of the previous meeting, the annual report and the financial statement of the Treasurer, all of which were of a very satisfactory character and were ordered to be approved by the Chairman. Mr. A. D. Mann, of Montreal, and Mr. A. Laken, of Quebec, acted as scrutineers. While these gentlemen were counting the ballot lively discussions took place on various topics. Among the most prominent was the system in vogue of late in canvassing for votes in the election for members of the Council. The chairman asked permission to leave the chair, and having done so, addressed the meeting very strongly against the manner of influencing the voters, and hoped that in future every member would use his free franchise and not allow himself to be dictated to as to whom he should vote for. Considerable discussion took place on two recommendations which were made to the incoming Council for their consideration, namely - the advisability of opening up correspondence with other pharmaceutical associations or colleges of pharmacy, with a view to reciprocal interchange of diplomas, and the question of the association recognizing the *Montreal Pharmaceutical Journal* as their official organ. The scrutineers having now finished the counting of the

ballots declared the following to be elected to fill the vacancies caused by six retiring members. The names of the newly elected members are as follows: H. R. Gray, L. R. Baridon, A. E. DuBerger, C. A. Nelson, Joseph E. Morrison, and Joseph A. Dawson. These with the old members who remain, viz. Joseph Contant, Alex. Manson, S. Lachance, H. F. Jackson, John T. Lyons and J. E. H. Quipp will form the Council for the ensuing year.

At a subsequent meeting of the new Council the following officers were appointed. Joseph Contant, President. Joseph E. Morrison, Quebec, 1st Vice President, L. R. Baridon, 2nd Vice President, Alex. Manson, Treasurer, J. T. Lyons and J. E. H. Quipp, Auditors; Board of Examiners, Alex. Manson, S. Lachance, H. F. Jackson, J. R. Parkin, Montreal, R. W. Williams, Three Rivers, and Joseph E. Morrison, Quebec; Preliminary Boards of Examiners, for Montreal, Wm. S. Kerry, A. E. DuBerger and W. H. Chipman, for Quebec, P. F. Rinfret, Wm. B. Rogers, J. I. LaRoche, E. Muir, Secretary Registrar and Assistant Treasurer.

Michigan Pharmaceutical Examinations.

The examination of candidates for registered pharmacists' certificates was held at Star Island, June 30th and July 1st, when 137 candidates presented themselves for examination. Of this number eight were graduates of the Ontario College of Pharmacy, and all passed. Of the total number 77 passed the examinations and 15 failed, while nine passed the assistants' examination and six failed. The class was the largest ever examined at one time by the Michigan Board of Pharmacy. The next meeting will be held at Marquette, Aug. 13th and 14th.

Cocaine Pencils for the Skin.

A writer in the *British Medical Journal* makes a suggestion which is easily convertible into a capital article for a cosmetic "special." It is, in short, a pencil or "stick" for use on the chafed and irritated skin, or on skins very susceptible to insect bites, etc. He says that an addition of two per cent. of cocaine to the ordinary cocoa butter pencils converts the latter into a cosmetic remedy, which gives almost instant relief when rubbed over the irritated spot.

CORRESPONDENCE.

Ontario Pharmacy Act and College of Pharmacy.

To THE EDITOR:

Sir, We have been enlightened (?) on pharmacy law during the past few months by articles that have appeared in the *Canadian Pharmaceutical Journal*. It does not require very careful reading of these articles, and comments by the editor, to learn that Mr. Shuttleworth has no love for the Ontario Pharmacy Act as amended in 1889. In fact we have found the Principal of the school joining with some wholesale druggists in Toronto and a member of the Council in an attempt to prevent these amendments being obtained.

It undoubtedly will be a surprise to the druggists of the Province to learn this, as we expected that he should have given the benefit of his services to the promotion of any measure that would be productive of good to the druggists of the Province, in whose employ he is, and these amendments have been clearly demonstrated by the most impartial authorities to have been steps in the right direction.

He also in editorial notes questions the advisability of having the physicians who are engaged in the drug business register as pharmaceutical chemists, and pay the annual fee and comply with the provisions of the Pharmacy Act in every respect the same as the druggists, and he hints that it may be productive of evil to the College of Pharmacy, composed as it is of all the druggists in the Province, to have one-tenth of the members registered physicians and paying their \$4 per annum the same as druggists instead of paying nothing as formerly. But by his actions he does not consider that any evil would arise from having an instructor in the college who is a registered physician actively engaged practicing his profession and occupying the position as lecturer and instructor in the important branch of materia medica in the Ontario College of Pharmacy. If any harm could be done by having, as before stated, some physicians who are engaged in the drug business, registered as members of the college, entitled to all the privileges and paying their annual fees, I judge that there is more likelihood, if any, of injury to the college from the instructor than from the voter.

Some of the obstructionists might be excused to a certain extent in their dis-

like and opposition to the amendments of 1889 to the Pharmacy Act, on the theory of disappointed candidates for office, and others claiming for themselves to be the fathers of the Pharmacy Act were only after nine years of fruitless attempts at amendments to the first pharmacy law of 1871, as various fruitless attempts at amendments were made from 1875 to 1884, and the amendments of 1889 were obtained in a few months after being considered and adopted by the Council, and so look upon our successful efforts to push legislation as a reflection upon their slow and class legislation.

Possibly the opposition of others again might be accounted for if the veil is lifted that covers the interior working of the college. Certain individuals have been exercising almost absolute despotism regarding the manner of conducting the school and handling the fees obtained from students.

By referring to the *Canadian Pharmaceutical Journal* for September, 1886, page 23, under the heading, "Report of Special Committee appointed to devise a method for the regulation and government of the teaching college," the following clause appears regarding the payment of the teachers: "They were to receive 'all' sums up to \$3,000 and all over that amount to be equally divided between the teachers and the college, all sums to be divided amongst the several lecturers in such proportion as the 'board' may determine having in view the work performed by each lecturer."

Now, we found that the Principal of the school had been demanding and receiving "all" the money that should have been paid to the several lecturers according to the work they performed. He, however, paid whatever he chose to give and they would accept for their work. In other words the Principal took all the money belonging to the lecturers and turned the work out to the cheapest and most obedient laborers that he could obtain to do the work. The difference in cash he put into his own pocket. This continued until the fall of 1888, when the writer was elected along with other district nominees to a position on the Council Board of the College, and honored by being chosen as its presiding officer, and required in that capacity to sign all checks for payment of money. He inquired into the system for payment of the several lecturers and found it should be as the resolution of the council defined it, and as published in the *Phar. Journal* for Sept. 1886. I refused to be a party to the paying of all the money to the Principal, such an unjust plan and so distinctly at variance with the resolution of the Council. This cute manner of manipulating the fees from students to be paid to the lecturer is certainly as bad, if not worse, than what has been so strongly condemned in England and known as the "sweating system."

We also supposed, and the published reports of the work of the council would

lead us to infer, that the Council Board engaged and appointed the teachers, but the demonstrator in the practical department was engaged in 1888 by the Principal of the school and his salary fixed by the same under a very peculiar arrangement. The report of the Chairman of the Committee of Education in February, 1889, would lead us to believe that the committee had considered and appointed the Lecturer. The true motive of the arrangement was only learned by a dispute arising between the demonstrator and the Reg. Treasurer when the money for his work of two courses was offered to him, and on his declining to accept the amount, claiming a larger sum, which the Principal of the school said should not be paid to the demonstrator, as he claimed it as his own. This smaller amount the demonstrator declined to accept. The Reg. Treasurer would not issue checks without a receipt in full payment was given by each lecturer. I instructed the Reg. Treasurer not to pay the balance as some money on account had been paid to each, until the Council should meet in August, 1889, and they would define the amounts to be paid to each lecturer.

The matter appears to have been settled shortly after the elections in July, 1889. Why did the principal wait until after the election of members to the Council Board in July?

How have the students fared? We find that in 1887, March 8th, June 11th, the students received 360 lectures of one hour each, and paid for such \$10. In 1886, arrangements were made to divide the course into two terms, junior and senior, and under this plan from Oct. 1th 1887, to March 16th, 1888, the students received 400 lectures of one hour each, and paid for this \$96 and \$5 more for matriculation, so called, or over double the amount per lecture that was charged in the previous term. The instructions given were purely didactic, and the teachers received for delivering these 400 lectures of one hour each the sum of \$4,010. This was all paid to the Principal, and he paid the other teachers, we can suppose on the plan of the school by dividing the marbles, "two to me, one to you," or as a minstrel combination is arranged, the star or big end man receiving the lion's share, the rest of the company anything they can get. Also from Oct. 1st, 1888, to May 8th, 1889, the teachers received the sum of \$4,388.

It is also known that the Principal of the school and editor of the *Journal* has been able to make for the past five or six years a sum from \$3,500 to \$4,000 per annum, and one half or less of his time given to the work. This is a very neat sum to make out of a little druggists' society. What retail or wholesale druggist can do the same out of a business, with little or no capital invested?

Would it not be better to apply the funds after a fair payment to the teaching staff, to their proper use, viz., to equip the school with the apparatus required to

make it for educational purposes second to none, and set apart sufficient money to carry out the provisions of the Pharmacy Act and give better protection to those engaged in the business. We have not had sufficient funds for either of these purposes, and have been compelled to proceed very carefully in the expenditure of money.

We had quietly to submit to this unsatisfactory condition of affairs until we obtained the amendments to our act in 1889. The Council were then in a position to readjust the plan for payment of teachers and to see that the college received justice. The amendments to the Pharmacy Act required and received first attention.

I have written on this one point (and there are several others) of the work of the college to show to the members some of the reasons for the manifest dislike exhibited by the editor of the *Canadian Pharm. Journal*, and a few others (merely tools to carry out his work) for the members of the Council Board who are carrying forward the work necessary for the advancement of the college.

The men on the present Council who were members of the Council Board previous to 1888 being very strongly opposed to any changes that would place the affairs of the college under the control of the Council, and you can see that the Principal of the school would strongly oppose any measure that would in any way conflict with his great pecuniary advantages, and he has men who appear to be willing to do anything he may desire.

The members of the Council are aware that efforts are being made to discredit the Pharmacy Act, that unimportant flaws are being discovered that have existed for nineteen years and now being prominently brought out with a hope to alarm and arouse the druggists to ask for another amendment, not that they care about these flaws which are of their own making, but that they hope if the question is once reopened before the Legislature they may be able to strike out the clauses providing for district representation and formation of divisional associations, and also the clauses in the act defining the position of the Council regarding the control of the education department of the college.

The clauses of the act are of great importance to the retail druggists of Ontario, and when fully in operation we will receive greater benefits than have heretofore been derived from the Pharmacy Act.

As a writer in your journal states, "to the council we look for advancement. To us they (the council) look for encouragement." The advancement that has been made in such matters has been made in spite of strong opposition, and in some cases the work has been rendered exceedingly unpleasant by reason of this miserable, narrow-minded, selfish actions of the coterie of obstructivists.

JOHN A. CLARK.

Hamilton, June 31st.

IMPERIAL GRANUM
THE GREAT MEDICAL FOOD.

THIS ORIGINAL AND WORLD RENOWNED
DIETETIC PREPARATION
 HAS JUSTLY ACQUIRED THE REPUTATION
 OF BEING A SUPERIOR NUTRITIVE IN CONTINUED FEVERS. **THE SALVATOR FOR INVALIDS AND THE AGED.**

AN INCOMPARABLE ALIMENT FOR THE GROWTH AND PROTECTION OF INFANTS AND CHILDREN
 AND A RELIABLE REMEDIAL AGENT IN ALL DISEASES OF THE STOMACH AND INTESTINES.

SUPERIOR NUTRITION THE LIFE

SOLD BY DRUGGISTS

SHIPPING DEPOT. JOHN CARLE & SONS. New York.

TRADE MARK REGISTERED

ENTERED ACCORDING TO ACT OF CONGRESS 1881

HOLIDAY - GOODS

- FOR THE -

1890—DRUG TRADE—1891

Our travellers are now on the road with samples of Holiday Goods. Our range is much greater than ever before. Notwithstanding the late advance in customs duties, imported lines are lower than ever, and in style and finish far surpass any previous effort.

Fancy Leather, in most artistic patterns, seems to be the favorite material this season. Brush, Comb and Mirror Sets, Ladies' and Gents' Travelling and Toilet Sets, Ladies' and Gents' Cuff and Collar Sets, Handkerchief and Glove Sets, Jewel Boxes, Toilet Necessaries, Work Sets, Tablets, Music Rolls, Odor Cases, Manicure and numberless other varieties.

We are showing an extensive range of Oxidized Silver Cases in all varieties, some 50 different patterns.

French and German, fancy and plain, Cut Glass Bottles.

Fancy Basket Perfumes, our own designs, a line that will pay every druggist to handle. Allows a handsome margin of profit.

Plush is still selling and we are as usual showing all the new and saleable lines, from the home manufacturers.

N. B.—As we confine our trade almost exclusively to Druggists, we would respectfully request an inspection of our samples before placing any Holiday orders.

Smith & McGlashan Co.,

DRUGGISTS' SPECIALTIES,
53 Front St. East, - Toronto.

HICKSON, DUNCAN & CO.,

25 FRONT STREET,

SUCCESSORS TO

W. H. BLEASDELL & CO.

In calling the attention of our numerous customers to our large and varied stock of Fancy Goods, are pleased to state that we are exceptionally well prepared to fill orders in large or small quantities, and at much better value than heretofore. Buying direct from the manufacturers in Germany, France and England, we can offer special inducements in all lines of

DRUGGISTS' AND TOBACCONISTS' SUNDRIES,

Toys, Cutlery, Sporting Goods, Games, Vases, Brushers, Bisque Figures, Stationery, etc.

Yours respectfully,

HICKSON, DUNCAN & CO.



B. Laurance & Co.

WHOLESALE OPTICIANS,

251 St. James St. - MONTREAL.

Fine English Goods a Specialty.

By using our Test Cards a customer can be suited at the first attempt.

LIVE MERCHANTS. - DEAD FLIES.

IT KILLS THEM BY THE MILLION.

NEAT, - CLEAN, - ORNAMENTAL.

Does away with disgusting Fly Paper and Plates.

—: THE:—

Daisy Fly Killer.

Cheaper than Fly Paper. Will last all season.

SELLS READILY AT 25c.

Sample sent prepaid on receipt of 20c.

SOLE AGENTS FOR CANADA,

J. PALMER & SON

1745 Notre Dame, Montreal.

Thousands of Testimonials equal to the following:

New York Herald, Aug. 19th, 1888.

"It's a daisy. Each one of the pretty ornaments will kill flies by the million."

Joy & Gardner, Minneapolis, say:

"It is the neatest, cleanest and most effectual fly exterminator we have ever seen."

R. BRAYLEY.

Wrapping Papers,
Paper Bags,
TWINES,

Tags, Commercial Stationery, Blank Books, Sea Island Twine, Boudoir Paper, Comb Bags, Tooth Brush Bags, Seidlitz Powder Boxes, White D. D. Paper, D. Blue Paper, etc., etc.

Printing at lowest prices.

14 Front St. West, - TORONTO.

THE GREAT EUROPEAN DYE



Unequalled for Richness and Beauty of Coloring.

They are the ONLY DYES that

WILL NOT WASH OUT!

WILL NOT FADE OUT!

There is nothing like them for Strength, Color and Fastness.

ONE Package EQUALS TWO of any other Dyes in the market.

If you doubt it, try it! Your money will be refunded if you are not convinced after a trial. Fifty four colors are made in Turkish Dyes, embracing all new shades, and others are added as soon as they become fashionable. They are warranted to dye more goods and do it better than any other Dyes.

Same Price as Inferior Dye, 10 cts.

Canada Branch: 481 St. Paul Street, Montreal.

Send postal for Sample Card and Book of Instructions.

LUNDBORG'S

Toilet Perfumes, Etc.

The following Odors, in ½ pint Stopped Bottles, in:

Boquet de Caroline,	Violet,
Essence Boquet,	West End,
Frangipanni,	White Rose,
Honeysuckle,	White Heliotrope,
Jockey Club,	Arcadian Pink,
Marchale,	Fascination,
Mignonette,	Harvest Queen,
New Mown Hay,	Lilly of the Valley,
Night Blooming Cereus,	Tally Ho,
Ocean Spray,	Wood Violet,
Pond Lily,	Yang Ylang,
Stephanotis,	

—ALSO—

The following Advertised Specialties, in 1, 2 and 4 oz. Bottles:

EDENIA,	MARFCHAL NIEL ROSE,
	ALPINE VIOLET,
GOYA LILY,	LILY OF THE VALLEY.

HELIO-VIOLET SACHET POWDER,

In ¼ lb. Glass Stopped Bottles and Small Glass Jars.

OPAL COLOGNE,

ENTIRELY NEW.

Used in the bath, it gives the water a soft, velvety feeling, imparting a delightful odor, and, inhaled from the bottle, it relieves headache and nervousness; it is also an excellent restorative in cases of fainting, possessing all the merits of Smelling Salts.

Seamless Black Nipples, 1 hole, small, med., lge.

" Red " 1 hole, " " "

" White " 1 hole, " " "

" Black " Leechbite " " "

" " " no hole, medium.

LYMAN'S FLY PAPER,

One of the oldest and most reliable in the market.

LITTLE LIVER GRANULES.

90 cents per M.

80 cents per M in 10 M lots.

LYMAN BROS. & CO.

WHOLESALE DRUGGISTS,

TORONTO, - ONT.

TRADE NOTES.

J. Stark is opening a new drug store at Portage la Prairie.

Alex. McLaren has purchased the business of G. H. Lemaitre, Toronto.

A new drug store has been opened at Neepawa, Man., by W. Harrison.

W. H. Stepler has purchased the drug business of M. Springer, Strathroy, Ont.

The estate of R. A. Nisbet, druggist, Halifax, the business is advertised for sale.

A. A. Woodill, druggist, Halifax, has closed up and the business is advertised for sale.

F. C. Kellogg, druggist, Victoria, has disposed of his business to J. Cochrane & Co. for \$7,000.

Mr. Thos. Pace, druggist's clerk, of Sarnia, has left for Vancouver, B. C., to seek his fortune.

Smith & Bragg Chemical Co., Montreal; T. Donnelly has been admitted partner under same style.

M. F. Burelay, formerly in the drug business in Glencoe, is now with C. McCallum, London, Ont.

J. R. Seymour, of St. Catharines, has opened his branch drug store at Grimsby Park for the season.

John Callard, of London, Ont., and secretary of the Middlesex association has left for England on a pleasure tour.

Dr. Scott, druggist, of Moosomin, Assiniboina, was burned out in a disastrous fire which occurred there June 17th.

Woodstock, Ont., druggists have broken their agreement to close at 9 p. m., and now keep open until 11 or 12 every night.

A. M. Hamilton, one of the oldest retail druggists in Hamilton, Ont., has partially recovered from a very severe illness.

Dawson & Bile, wholesale druggists, have secured the premises formerly occupied by Parsons, Bill & Co., Princess street, Winnipeg, Man.

Mr. Sorenson has sold out his drug business at Vancouver to T. E. Atkins, who has lately arrived from Halifax. Mr. Sorenson will embark in the wholesale drug business.

We are pleased to note that as Mr. Douglas has bought a residence on Dufferin avenue in the Forest City, there can be no ground for the rumor that the London Drug Co., of London, Ont., proposes to move to Toronto.

W. T. Atkinson, who recently sold his drug store in Oshawa, Ont., intends leaving for England shortly on a business and holiday tour, prior to his going into business in Toronto as manufacturers' agent and pushing his own specialties.

A combination has been made among the manufacturers of ammonia and in consequence the price has advanced from 5½c. to eight cents a pound. The combination, it is stated, takes in practically all of the producers and is regarded by

the trade as strong in its hold upon the market. *Journal of Commerce.*

A Correction.

An item under the heading of Trade Notes in the June number referring to Mr. R. D. Stiles, of Picton, N. S., has upon investigation proved to be incorrect, and we regret its publication and must apologize to Mr. Stiles for any inconvenience which such publication may have caused him.

Ottawa Drug Association.

An adjourned meeting of the Ottawa District Drug Association was held at the Russell House, Ottawa, on June 10th, at 4 p. m., to consider the adoption of constitution and by-laws, as reported by a committee appointed at a meeting held in January. They were simply those of the Oxford Pharmaceutical Association some what modified.

Those present were Messrs. J. Bow, West Winchester; A. H. Cobb, for Dr. J. S. McCallum, Smith's Falls; A. Buchanan, Kemptville, and Messrs. J. Bruce, R. A. McCormick, J. Skinner, W. A. Jamieson, W. A. Lloyd, J. A. Mosgrove, H. Watters, and H. J. Fraser of this city. These all paid their fees and were duly enrolled as members.

The interim officers were unanimously elected for the current year. They are: H. Watters, President; Messrs. C. A. Bower, of Perth, and A. Buchanan, of Kemptville, Vice Presidents; Mr. H. J. Fraser, Secretary-Treasurer, and Messrs. R. A. McCormick and H. Kirby, Auditors.

The following committees were formed: Trade and Commerce, Messrs. Skinner, McCormick and Bruce; Grievances, Messrs. Lloyd, Mosgrove and Jamieson; Legislation and Laws, Messrs. Skinner, Bow and Buchanan.

The Secretary was instructed to have one hundred copies of the constitution and by-laws printed and mailed to each druggist in the district with a request to become members.

The meeting then adjourned.

The annual meeting is held on the second Tuesday in June.

Brant Drug Association.

A meeting of this association was held in Brantford, June 17th, the following members being present: Messrs. J. A. Wallace, President; S. Tapscott, Dr. Higginbotham, Dr. Harrison, D. Keane, D. S. Sager, G. H. Golding, G. K. McGregor, also F. Gibbard, of Montreal and J. Higginbotham, of Toronto.

Letters were read from Messrs. Scott, Roberts, and Hicks, of Paris, and R. A. Harrison, of Dunville, expressing their regret at not being able to be present.

Moved by Mr. Sager, seconded by Mr. McGregor, that in future two weeks' notice be given the Secretary of all changes in prices in order that he might notify all members of the contemplated changes.

Moved by Mr. Higginbotham, seconded by Mr. Golding, that this association favors the representation on the council by districts the same as at present in use by the Medical Council.

Moved by Mr. Golding, seconded by Dr. Higginbotham, that the next meeting be held in Paris in August.

A number of changes in prices of some drugs and toilet preparations were adopted, a copy of which may be secured from the Secretary, C. H. McGregor, Brantford.

In response to a vote of thanks tendered the visitors, Mr. Gibbard spoke of the growing interest manifested in the work of these associations and their beneficial effects upon the members, and complimented the members on having one of the best organizations in the Province.

Mr. Higginbotham also replied in similar strains and assured them from his long connection with a similar association and knowing its benefits, he lost no opportunity in urging their organization.

This association comprises the following places: Brantford, Paris, St. George and Dunville, and the members work together in the best of harmony. The meetings are held usually every two months, subject to the call of the President, and are as usual well attended, discussions on various subjects relating to the trade usually occupying the first part of the meeting and then any changes in prices, etc. — *Con.*

Register Your Sales.

Now that the season for the sale of Paris green and other insecticides is on, every druggist should make it a rule not to allow any thing of this kind to be sold until its sale is registered in accordance with the act. This we would urge not only as a safeguard to the customer, but also as a protection against any action to which the druggist leaves himself liable for non-compliance with the law.

Literary Notes.

"A Manual of Pharmaceutical Testing for the Man of Business and his Assistants, comprising simple instructions for the testing of the chemicals of the British Pharmacopœia, &c.; with such materials and appliances as are in common use at the dispensing counter. By Bernard S. Proctor, F.I.C. Published at the offices of the *Chemist and Druggist*, 12 Cannon street, London, E. C., 1890."

This work is one that cannot fail to commend itself to the painstaking pharmacist, giving as it does "the simplest, easiest and most inexpensive tests" for the chemicals in general use. For the dispensing counter it is a valuable work, and one that should be frequently consulted. It is of convenient size, being a volume of 176 pages including index, and is sold at 3s. 10d.

A man needs knowledge not only as a means of livelihood, but as a means of life.

FORMULÆ.

LOTION FOR SUNBURN.

Citric acid.....	2 drachma
Pure sulphate of iron.....	18 grains
Camphor.....	2 "
Elder flower water.....	3 oz.

FRUIT SALT.

Sulphate of magnesium (dry).....	4 ounces.
Citrate of magnesium.....	4 "
Bitartrate of potassium.....	4 "
Bicarbonate of sodium.....	4 "
Tartaric acid.....	4 "
Sugar.....	8 "

Powder these and mix, preserve in dry bottles. An excellent saline laxative.

CAMPHORATED VINEGARLETTE.

Camphor dissolves readily in glacial acetic acid, and its solution in this medium perfumed with a little bulk perfume makes a fine vinegarlette.

Camphor.....	1 ounce.
Alcohol.....	1 drachm.
Glacial acetic acid.....	10 ounces.
Bulk perfume.....	1 ounce.

Rub the camphor with the alcohol to reduce it to a powder, and add the glacial acetic acid, then the bulk perfume.

SYRUP OF LICORICE.—Dietrich (in *Helfenberger Annalen*) gives the following formula for an improvised *Syrupus liquoritice*:

Extract licorice, entirely soluble in water.....	120 parts.
Ammonia.....	5 "
Alcohol.....	200 "
Distilled water.....	80 "
Simple syrup q. s. ad.....	1000 "

Dissolve the extract of licorice (which should be entirely soluble in water in all parts) in the water, and add the ammonia and alcohol fractionally, with constant stirring. Filter, and to the filtrate add the simple syrup.

SALOL EMULSION.—M. Jouis, an Orleans pharmacien, communicates to *Nouvelles Remèdes* the following formula for a palatable emulsion of salol. This drug is insoluble in water, and when the alcoholic solution is mixed with water it is immediately precipitated, and cannot be properly diffused. The formula for the emulsion is:

Salol.....	1 dr.
Powdered gum arabic.....	1 dr.
" tragacanth.....	grains.
Tincture of tolu.....	2½ drs.
Syrup of tolu.....	1 oz.
Water, to.....	3 ozs.

Triturate the salol with the powdered gums, and make into a cream with water; to this add the syrup; pour the tincture into the rest of the water, and mix with the first portion.

SNUFF FOR COLDS.—Dr. C. H. Stowell, of Washington, recommends the following in place of solution of cocaine:

Sodii bicarb.....	grs. ij.
Magnesia carb. (levis).....	ij.
Menthol.....	j.
Cocaine hydrochlor.....	ir.
Sacch. lactis.....	1½ drs.

M. Sig. Use as snuff.

The most marked relief will follow the use of this powder, and a few applications will do much to abort the catarrhal attack. Its effects are immediate, highly agreeable

to the patient, and continuous for a number of hours.

CARBOLIC SALVE.—The following is a great improvement over the usual formula for carbolic salve:

Petrolatum.....	35 pounds.
Yellow wax.....	3½ "
Camphor.....	16 ounces.
Carbolic acid.....	24 "
Oil sassafras.....	2 "

Melt the carbolic acid and while warm add the camphor and oil of sassafras. Melt the wax and add it to the petroleum, melting them together; while cooling but still liquid add the solution of camphor in carbolic acid, etc., and stir occasionally while cooling. This is an excellent carbolic ointment, the caustic properties of the carbolic acid being neutralized by the camphor. FENNER.

TOOTH PASTE FOR COLLAPSIBLE TUBES.

For this purpose a paste must be made thin enough to be run into the tubes and to exude readily from the orifice.

Precipitated chalk.....	8 ounces.
Powdered cattle bone.....	2 "
Powdered castile soap.....	2 "
Carmin No. 40, in fine powder.....	1 drachm.
Oil of cloves.....	20 minims.
Oil of nutmeg.....	20 minims.
Oil bitter almond.....	10 minims.
Oil rose.....	5 minims.
Alcohol, glycerin, honey or syrup and water, each.....	2 ounces.

Beat the soap first with the water and warm until softened, then add the remaining liquids and mix well together. In this incorporate the solid ingredients and put up in the tubes.—*Fenner's Formulary*.

STICK POMADES.—The following formula are given in Dietrich's *Helfenberger Annalen*:

White.—Melt together 50 parts white wax, 25 parts castor oil, 25 parts Venetian turpentine, and for every 3 ounces of the mixture add 5 drops of the perfume given below.

Blonde.—Melt together 250 parts yellow wax, 125 parts castor oil, 125 parts Venetian turpentine, 1 part etheric extract of annato, and perfume as above.

Light Brown.—Use the base above given (for blonde), adding 1 part of extract of alkanet and 2½ parts of chlorophyl. Perfume as before.

Dark Brown.—The same base as for light brown, the deepening of the shade being attained by increasing the proportion of extract of alkanet and chlorophyl, a very dark brown being secured by doubling the proportion of these ingredients. An intense brown is attained by the addition of amber, which should be rubbed up with the castor oil before melting.

Perfume for above:

Bergamot oil.....	400 parts
Lemon oil.....	300 "
Oil of lavender.....	200 "
Neroli.....	50 "
Cinnamon oil.....	30 "
Clove oil.....	20 "
Oil of wintergreen.....	10 "
Atter of Ylang-Ylang.....	5 "
Heliotropin.....	5 "
Cumarin.....	1 part.

Mix and let stand for several days before using. Five drops to every three ounces of pomadé are sufficient.

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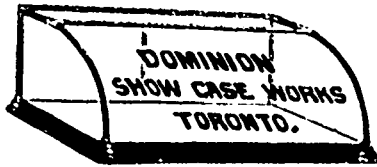
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Letter From Our New York Correspondent.

New York, July 8th, 1890.

The warm spell of weather has rapidly driven those who make summer flights a part of their life to seek some other place than our city, nominally in search of a cooler place, but really for rest, recreation or fortune hunting. Our city is about as cool as most places in this part of the States, though it must be granted that outside of its precincts are to be found cooler nights and more refreshing sleep when the mercury is in its higher moods.

Drug trade in our city has undergone some changes during the past few years, and its pursuit is beset with difficulties, hindrances and annoyances. The druggists are (some of them) looking around their stores and over their prescription books in search of those aggravated profits that the *World* and that Toronto paper claim are their daily experience. I have found none that can see just where any such profits come in, but I do find that between the cut prices at retail by dry goods and grocery men, as well as others who are taking away slices of their former trade, that customers are not on the increase in numbers, amount of traffic, or satisfactory returns. Where to curtail expenses, increase the volume of trade, or secure a little better "net result," is what would be a godsend if any person will solve the problem.

Between this state of affairs, the attack of the raffian, as was the case recently, when one of our elderly druggists was brutally injured in his own store, and the anxiety of the old time druggists about the adoption of the metric system in the next edition of U. S. Pharmacopœia, the druggist who can afford to get away for a brief period is a most fortunate man.

Perhaps in his absence he may gain a few points of information as to why it is that when his customers return in the early fall they are unable then to settle their accounts which they left unpaid when they went out of town.

The hot weather of June has made early vacations for families the rule this year, and the residence portions of our city look deserted. Correspondingly the up-town druggists are finding less necessity for hard work, in fact are complaining of little to do. The wholesale druggists are none of them reaching the volume of business or of profits that were either hoped for or expected, and the first half of the year is a mild disappointment.

The decease of Edward A. Fraser, who recently retired from the wholesale drug trade, where for many years past he was known as Fraser & Lee, was very sudden. While in his office he had an attack of paralysis and it proved fatal in a few minutes.

Perhaps better known as a firm to our Canadian friends was that of E. Fongera & Co., and here again we have to record another death, that of William R. Woodward, the senior member of that firm.

His death may be remotely attributed to his exposure to the effect of the severe storm which has been known to us New Yorkers as "the blizzard," which occurred in March, '88. In his effort to return home that day the fatigue and exposure caused a temporary illness, but it left that which was incurable behind, and slowly but steadily he failed in strength until released by death July 5th.

The colleges of pharmacy, now so numerous in the United States and more plentiful in Canada than they were, are temporarily resting from educational work, but they are reaching out for more students for the next session. While attendance as a total has greatly increased to what it was 10 or 20 years ago, this year of grace, 1890, should see many more seeking education in this line. The better equipped a young man is for his calling in life, the better compensation he can earn as a clerk and more certainty of success in his own business career, but with science he wants sound practical experience coincident with his theory. So we look for a generous increase in all our colleges during the coming sessions.

New remedies sometimes puzzle both physicians and dispensers, and when prescriptions are written for new and potent alkaloids, whose potent dose and full remedial action is not fully understood, there may be a question how far the dispenser is justified in acting. A recent case of this kind occurred in Brooklyn where hyoseyine was dispensed, and it is claimed that hyoseyamine was directed. The writer has seen some very reckless prescriptions written for some of these nerve alkaloids, and the only wonder is that more lives have not paid the penalty for such prescribing. FIDELIAS.

Misleading Report.

In the June number of the *Pharmaceutical Era* appears a report of the February meeting of the Council of the Ontario College of Pharmacy, which is calculated to create an erroneous impression on any who have not read the correct report of the proceedings. The Council, by the decisive vote of 10 to 2, declared its approval of the president's action in the premises, while the *Era* report gives greater prominence to the remarks of the two members opposed to his action. We append the report mentioned as also the official report from the *Can. Pharmaceutical Journal* :

ONTARIO COLLEGE OF PHARMACY.—The meeting of the council of this institution was held at Toronto on Feb. 4th, and three following days. After routine proceedings a lengthy discussion took place on the unauthorized action of the President in seeking the recognition of the college diploma by United States colleges. He had forwarded letters to a number of pharmacy boards and replies assenting were received from Georgia, Alabama, Florida, District of Columbia, Dakota, Wisconsin, Missouri, Connecticut and New Jersey.

Mr. Jeffrey enquired as to the object the President had in corresponding with the various boards, and whether it would not be the honorable inference that the recognition should be mutual.

Mr. Sanders insisted upon the production of the President's letter, so that the terms of recognition might be learned, but that document was not forthcoming. Mr. Sanders contended that the reputation of the Ontario College was jeopardized by the diploma being thus hawked around. He alluded to the years of toil by which the college had reached its present high standing, and regretted that it should now be placed in the humiliating position of a supplicant at the feet of inferior and unknown institutions. He offered a resolution covering this ground, and strongly censured the President for his unauthorized and officious action.

Mr. D'Avignon seconded the resolution, and thought that the college would be decidedly injured by Mr. Clark's action, and that it was unauthorized by the council, and would have the effect of lowering the high standing which had after long years been attained. The students had never had any difficulty in passing the U. S. examinations, and he did not think that the students desired any change.

A motion in amendment, approving of the President's action, was made by Mr. Waters, seconded by Mr. Slaven.—*Era*.

The following is the official report :

In response to a communication from the Virginia Board of Pharmacy, it was Moved by J. W. Slaven, seconded by H. Waters, that the President be empowered to attend as a delegate the meeting of delegates of the State Board of Pharmacy in the United States, to be held at Old Point, Va., September, 1890. Carried.

Moved by W. B. Sanders, seconded by J. E. D'Avignon, that the communications now read from the various Boards of Pharmacy, by the President, be not adopted by this Board, as in his official capacity as President of this Board, we feel that the hard-earned reputation of the Ontario College of Pharmacy has been hawked over the various states of the United States seeking the co-operation of foreign Boards of Pharmacy.

Yeas—D'Avignon, Sanders—2. Nays—Hall, Jeffrey, Lawrence, McKee, McGregor, Hobart, McKenzie, Petrie, Slaven, Watters—10.

Moved in amendment by H. Watters, seconded by J. W. Slaven, that this Council approve of the efforts made by the President in obtaining from various state boards recognition of the diplomas of this college, and that the thanks of this council be tendered to him for his zeal in promoting the interest of our college in directing attention to the excellence of our Pharmacy Act.

The amendment was put to the meeting and carried.—*Can. Phar. Jour.*

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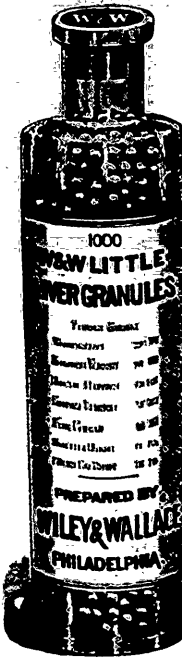
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SELECTIONS.

A NEW test for hydrogen peroxide has been described by M. G. Deniges before the Paris Academy of Sciences. If a ten-per-cent. aqueous solution of ammonium molybdate is mixed with its own volume of concentrated sulphuric acid, and a few drops of hydrogen peroxide added to it, an intense yellow coloration is produced.

HOW TO MAKE HAND GRENADE FIRE EXTINGUISHERS. Anyone can make the hand grenade fire extinguishers, and at a small fraction of the prices charged in the market. Any light quart bottle will serve to hold the solution, which is composed of 1 pound of sal ammoniac, dissolved in about two quarts of water. *American Druggist.*

MENTHOL Pastiles have proven to be efficacious as a remedy for coughs. In England their use as such is extensive. The *Rdschau* gives this formula for their preparation: Menthol 2, powdered sugar 100, simple syrup 10 and alcohol 10, to be made into a mass and divided into 100 pastiles. Keep in paraffine-lined or tin boxes.

GLYCERINUM Sapinatum, a preparation made by Herbl, of 80 or 92 glycerin, 20 or 8 cocoanut oil soap, is recommended by him as a useful vehicle for the employment of medicinal preparations in dermatology.

CANODOL, A NEW ANÆSTHETIC (Dr. Plushkov). Canodol is a hydrocarbon which is obtained by the distillation of petroleum. It is a transparent volatile liquid, which gives out an odor of benzine, and is insoluble in water and in alcohol; it reduces the local temperature in the same manner as ether; at the end of a minute it produces a local anesthesia, which permits the performance of minor operations without the production of pain. The price of canodol is less than that of ether. - *Revue de Ther.*

PRESERVATION OF LARD James L. Demoville, Ph. G., finds the alum process for purifying lard all that can be desired. The lard is melted, a little powdered alum being stirred in; then strained, cooled, and upon an inclined slab rubbed briskly with a muller, while a stream of water is allowed to trickle over it.

For preserving the lard, experiments were made besides with benzoin, with balm of Gilead buds, storax, salicylic acid, turpentine and tolu. The best results were obtained by using one per cent. of balsam of tolu: the lard was white, kept well, and had its peculiar odor well masked by the slight but pleasanter odor of the balsam.

SOLUBILITY OF SANTONIN IN CASTOR OIL.—In the *Apotheker Zeitung* for May 10, Reuter states that, having received a prescription calling for santonin dissolved in castor oil, he was led to experiment with the substances in order to settle the *questio vexata* of the solubility of santonin in the medium mentioned. The results were a practical confirmation of Flucki-

ger's earlier statements, which have been combatted, and which are in effect that even when reduced to powder and heated with the oil in a water bath, under constant agitation, santonin is soluble to the extent of not more than 4 per cent., and that on cooling the greater portion of this is redeposited. A 1 per-cent. solution deposited a portion of the crystals at the end of two days, while a $\frac{1}{2}$ of 1-per-cent. solution remained clear at 15 C., for four days. We may therefore say that santonin is practically insoluble in less than 200 times its weight of castor oil, and then only when very finely powdered and heated with the oil.

SALOL is continually growing in importance, and its directions for its application are frequently pointed out. It seems likely that in the antiseptic treatment of the genito-urinary organs it will take a prominent place by virtue of its property of splitting up in the organism into thio-phenol compounds and salicylic acid as which it is excreted in the urine. Advantage has been taken of this property already for the treatment of gonorrhoea by the internal administration of the compound; by this means the seat of the infection can be thoroughly and frequently irrigated with an antiseptic liquid (the urine) more conveniently and thoroughly than by mechanical means, which also sometimes produce alterations in structure. This salol treatment has been very successful in the hands of a number of medical men. It is now being combined with copaiba balsam, in which it is considerably soluble, and given internally against gonorrhoea. In this way the antiseptic action of the salol is effectively combined with the specific action of copaiba balsam upon the mucous membranes. The results are very encouraging, and the treatment will, no doubt, be largely tried. It may also be interesting to pharmacists to know that olive oil will dissolve one-third of its weight of salol, whilst almond, turpentine, castor, and sandalwood oils will take up more than one-third of their weight of the remedy at ordinary temperatures.

ITALIAN patent medicine specialists are finding out that, so far as their trade is concerned, the golden age is past and the iron age has begun. Under the new sanitary regulations which recently came into force in Italy no preparation of the kind can be sold unless it has been approved of by the Superior Sanitary Council. Not long ago that body rejected 200 "specialties," and on May 13th, it refused its sanction to all those submitted to it, on the ground that "all contained remedies which cannot be used except under the directions of a medical man." Many were absolutely condemned as being either dangerous or composed of substances not possessing the virtues attributed to them.

One part of boric acid to one hundred parts of rose water makes an excellent face wash, pimples and other disfigurements being removed under its use.



LIFE,
GROWTH
—AND—
BEAUTY
FOR THE HAIR.

LUBY'S PARISIAN HAIR RENEWER

AS a dressing for Ladies' and Gentlemen's Hair, it has no equal.

Strengthens weak hair,
Checks its falling out,
Allays irritation of the scalp,
Removes all traces of Dandruff,
Restores gray and faded hair,
Keeps the head clean and cool,

—AND—
IS NOT A DYE.

Sold by all Chemists and Perfumers.
Large Bottles, 50 Cents each.

General Agent for the Dominion,

R. J. DEVINS,

No. 4, St. James St., Court House Square,
MONTREAL.



A GREAT
Scientific
Revelation.

The microbes or germinal cause of all disease can now be effectively destroyed and removed from the system.

Cases of Consumption, Scrofula,
Catarrh, Rheumatism, Syphilis,
Eczema, Bright's Disease,
Stomach Troubles,
Tumors, Etc.,

Cured by the thousands during the past four years.

This remedy has proven a very successful as well as a remunerative line to handle by "Retail Druggists."

While the sale may be slow the first two months, owing to the greater price charged for it, yet in time it actually becomes a "leader" because of its merits.

Druggists all over the United States and in England are finding it a splendid medicine to handle, one of which no complaints are made against by the purchaser.

It really draws trade to one who handles it, especially where we give exclusive agencies for it.

It is a remedy which can be guaranteed by the "seller" to do all we claim for it.

We want an exclusive Agent in every town in Canada.

Write for Pamphlets and Prices.

Wm. Radam Microbe Killer Co.,
(LIMITED)

LABORATORY } 120 King St. West,
AND OFFICE } TORONTO, ONT.

Sole Manufacturers for the Dominion.

C. W. EMAN, General Manager.

SLOCUM'S PSYCHINE,

Oxygenized Emulsion

OF

Pure Cod Liver Oil,

COLTSFOOT EXPECTORANT,

REGULATIVE PILLS,

MAGNETIC MEDICATED PLASTER.

Owing to the increased demand for my preparations, I have placed them in the hands of the Wholesale trade in each Province.

Price List and Circulars supplied on application.

T. A. SLOCUM, M. C.,

186 WEST ADELAIDE ST., TORONTO, ONT.

TO DRUGGISTS:—Dr. Child's Pile Ointment is the Only Remedy that Infallibly Relieves and cures Piles, Pruritus and all Hot and Itching Sores and Eruptions. Thousands of Cures without a known failure, attest the truth of this statement.

Messrs. D. S. Curtis & Co., New Westminster, B. C., write: "Please ship us eight dozen Dr. Child's Pile Ointment. The demand for it is constantly increasing, so that we feel warranted in doubling previous orders. It is a remedy that we can conscientiously recommend. . . . Physicians here prescribe it with satisfaction to themselves and their patients." In a previous communication they said: "We take pleasure in pushing this Ointment, having had positive evidence of its merits."

Messrs. Langley & Co., wholesale, Victoria, B. C., say: "Dr. Child's Pile Ointment gives satisfaction wherever used."

The Inland Sentinel, Kamloops, B. C., says: "The Sentinel does not as a rule endorse proprietary medicines, but when a really meritorious article is offered the public we have no hesitation in recommending it. We know of none more deserving of encomium than Dr. Child's Pile Ointment. With less than two years' trial by the afflicted, it has gained a reputation for relief and cure which no other remedy has gained in the same time."

A great majority of the testimonials so far published are from men well known in this province, whose word may be relied on, and all of whom give unqualified testimony in its favor.

Rectal Diseases are much more prevalent than is generally supposed. In every community there are many who, having "tried everything" (except Dr. Child's Pile Ointment), have resigned themselves to suffer and say nothing. One box sold sells many boxes. It is an article that you can recommend with every confidence, and it is offered to you at a price which makes it worth your while to stock and push it. As "a starter" only, we will send one dozen, postpaid, on receipt of \$6. Retail price, \$1.

Regular Prices:—1 dozen, \$7; 3 dozen, \$19.50; 6 dozen, \$36; 1 gross, \$66; 5 gross, \$300; 4 mos., or 5 per cent. cash with order.

CLARKE & CO.,

Wholesale and Retail Druggists. KAMLOOPS, BRIT. COL.

O. B. - MCGILL'S - O. B.

Famous

Specific

Orange

Blossom



Is now being used by thousands of Physicians all over the land as the most convenient and reliable treatment for the following Female diseases:

Inflammation, Congestion and Falling of the Womb, Anteversion, Retroversion and Prolapsus, Dropsy of the Womb, Ulceration, Polypus, Tumors, Leucorrhœa, Profuse and Difficult Menstruation, Ovarian Tumors, Fibroid Tumors, Inflammation and Congestion of the Ovaries, Cancers in their Earlier Stages, Lacerations of Cervix due to Child Birth Radically Cured.

The O. B. treatment is simple, harmless, and works like a charm, often with the first application removing pain from which the patient may have suffered for years.

Thousands of ladies who have been permanently cured by its use bear testimony to the truth of this statement. Each package contains one month's treatment.

For sale by Druggists and Pharmacists everywhere.

DR. J. A. MCGILL & Co.,

Proprietors, Chicago, Ill.

Address all Canadian Correspondence to

R. S. MCGILL, Manager Canadian Laboratory, Simcoe, Ont.

THE TRADE WILL FIND

J. A. POZZONI'S

As a Cosmetic for the Skin it stands without a rival. Its sales are unprecedented.



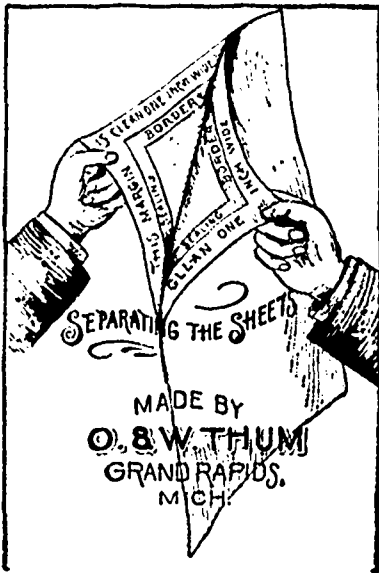
All pronounce it "The Best Preparation for the Skin ever used."

Medicated Complexion Powder

Worthy of its Special Attention. Three Shades, Flesh, White and Brunette.

Retail at 50 cents; Per Dozen, \$3.75. Try a dozen with your first order.

ALL CANADIAN JOBBERS HAVE IT.



This cut represents Tanglefoot being opened, and shows the **SEALING BORDER**, a rim of **WAX**

applied between the leaves of each double sheet at the edges of the sticky material, and one inch within the edges of the paper, securing a

UNIFORM AND ABSOLUTELY CLEAN MARGIN

to take hold of when opening the sheets. The sticky material is thus enclosed as if in a sealed BOTTLE, and it cannot run out, or dry up at the edges.

The advantages of having each sheet separately sealed with an **AIR TIGHT** seal, must be well known to all who ever handled Sticky Fly Paper.

Tanglefoot is of the most convenient **SIZE**, the double sheet being in **TWO PARTS** each 9x16 inches.

These halves may be laid together and used as one sheet, or may be used apart in different places. Tanglefoot is the only Sticky Fly Paper that is cut into halves, (this valuable feature is patented.)

PRICE FOR CANADA.

One Box, 75 Cents.
One Case (ten boxes) \$6.50.

---SOLD BY---

W. Brunet & Co., - Quebec.
Lyman Bros. & Co., - Toronto.
Henry Skinner & Co., - Kingston.

THE BEST FOR CONSUMERS.

Tanglefoot is not only desirable for the dealer, but is also the most satisfactory to the consumer. The border, which is **ABSOLUTELY CLEAN AT ALL TIMES**, makes Tanglefoot the favorite fly paper with all users. It is as good as any in every respect, and superior to all others in **CLEANLINESS**, neatness and stability.

It rarely happens that dealers in Sticky Fly Paper do not have some left to be carried over, when the season closes, especially if they try to supply the late demand. It is therefore of much importance when placing orders for the season, to obtain a fly paper that will not spoil by age, one that will **HOLD THROUGH THE WINTER** and come out **PERFECT THE NEXT SUMMER**.

Wherever Tanglefoot has been sold a year or more the retail dealers have gained

CONFIDENCE

in its keeping quality, and purchase the paper in quantities to last a whole season. Whatever may be left at close of season will keep over winter, and be as good the next summer as if just made, if kept dry and level. Try a box next winter; we want your trade next year if we cannot have it sooner.



BY FAR THE MOST ELEGANT.

WE ASK FOR ONE
TRIAL.

Do the flies **BOTHER** you?
Do they **SOIL** your Goods?
Get a box of **TANGLEFOOT** and **CATCH THEM.**

Use one single sheet of Tanglefoot in each **SHOW WINDOW** twice a week, **2 CENTS** a week for each window.

HOUSEKEEPERS Seeing the paper used in your windows, soon learn to rid their houses of flies in the same manner.

TANGLEFOOT IS NOT POISON! Sticky Fly Paper is the cleanest destroyer of flies and the only safe one where there are **CHILDREN.**

O. & W. THUM, - Grand Rapids, Mich., U. S. A.

Price List of Lambert's Physician's Specialties :

LISTERINE.

ANTISEPTIC, PROPHYLACTIC, DEODORANT.

One Bottle (14 oz.) Retail, - \$1.25

LAMBERT'S LITHIATED HYDRANCEA.

KIDNEY ALTERATIVE ANTI-LITHIC.

One Bottle (8 oz.) Retail, \$1.25

The Retail Drug Trade promptly supplied at \$10.50 per dozen NET, by any Wholesale Druggist of Canada, or from our Canadian Depot at Toronto, by W. LLOYD WOOD, Agent.

SUBSTITUTION. In view of numerous letters which we have received from Canadian Physicians, complaining of the "substitution of articles of uncertain commercial value where LISTERINE was prescribed," we consider it necessary to hereby

REMINDE CANADIAN DRUGGISTS

that the word LISTERINE is justly and legally ours, that it is properly identified as such by registration in Canada, the United States and Great Britain. By a system of investigation we shall endeavor to secure for the Physician's prescription, the identical article prescribed, and to this end we are all ready assured the hearty co-operation of many Physicians and leading Druggists of Canada, who universally deery this pernicious practice—**SUBSTITUTION.**

Yours respectfully,

**Lambert Pharmacal Co.,
ST. LOUIS.**

*"Famine is in thy cheeks,
Need and oppression stareth in thine eyes,
Upon thy back hangs ragged misery."*

These lines fully describe that most miserable of human beings the

DYSPEPTIC.

His great trouble is that he cannot find a food that his weakened stomach can retain and digest.



Can be retained and digested by the WEAKEST STOMACH.

It quickly Stimulates and Strengthens and thereby improves the digestive functions.

Stecher's Stick 'Em Fly Paper

THE OLDEST, THE BEST, THE MOST RELIABLE,
THE LARGEST SHEET!

— SIZE, 18 X 24 INCHES. —

No more flies falling dead all over the room. The Stick 'Em Fly Paper catches and holds all the flies in the room.



This is a new and improved fly paper. It is made of a fine mesh and is very durable. It is the best fly paper ever made. It is the only fly paper that will catch and hold all the flies in the room.

Spread on Manilla or Parchment as desired.
Quality Guaranteed for the Entire Season.

Price, \$1.10 per box of 50 sheets; 5 boxes for \$5.25;
10 boxes for \$10.00.

Your customers will appreciate the large sheet.
All Jobbers handle it.

MANUFACTURED BY
HENRY W. STECHER, - Cleveland, Ohio.

NOW IS THE TIME WHEN

DAVIS' FLY FELTS

SELL WITH A RUSH.

Druggists, look at Your Stock and Keep Well Supplied.

OUR FELTS ARE VERY POPULAR.
SALES LARGE AND INCREASING.

Order from your Wholesaler or from Manufacturers.

Powell & Davis Co.
CHATHAM, ONT.

BUSINESS NOTICES.

As the design of the **CANADIAN DRUGGIST** is to benefit mutually all interested in the business, we would request all parties ordering goods or making purchases of any description from those advertising with us to mention in their letter that such advertisement was noticed in the **CANADIAN DRUGGIST**.

Read the advt. of Reclam's Microbe Killer in this issue. It is being extensively advertised.

If you want a reliable liver pill or granule, either in bulk or boxed, you cannot do better than order those made by the Wiley & Wallace Co., of Philadelphia. See advt.

Hickson, Duncan & Co., Toronto, have just issued a very complete catalogue of spectacles and eyeglasses, manufactured by Wilson & Co., of Reading, Pa., which will be mailed on application.

The Wingate Chemical Co., Montreal, offer some leading specialties in proprietary medicines, which are good sellers, and articles of merit, the sale of which is gradually extending through all the provinces.

Raymond's Perfumes, Toilet Waters, and Sachet Powders are all goods of superior quality, and although comparatively new to the Canadian trade, are having a large and increasing sale. Thos. Leeming & Co., Montreal, are agents for Canada.

The fly season is now on us in full force, and if you would secure your full share of the trade lay in a supply of Wilson's Fly Pads, than which none are better. Put up in attractive boxes, they advertise themselves and give universal satisfaction.

We would call the attention of our readers to the advt. of Fels' Toilet Soaps on the second page of cover. These goods are amongst the choicest goods manufactured, and being elegantly put up, command a ready sale. The Hemming Bros. Co., Ltd., Toronto, are the Canadian agents.

The Ricksecker's Perfumes have taken a strong hold on the public. They are choice, lasting and elegantly put up, and command the largest sales amongst those who are connoisseurs in the selection of perfumery. The advt. which appears on page 19 of this issue tells of the wonderful sale of these goods in the United States, and sales in Canada are reported to be equally large in comparison. The Davis & Lawrence Co., Ltd., Montreal, are agents for Canada.

IMPERIAL GRANUM.

"We take pleasure in calling attention of the trade to that old and reliable preparation 'Imperial Granum.' This well known food has long since become standard and stands unrivalled as the safest, most delicious, wholesome, nourishing and strengthening food for infants (from birth), for nursing mothers, children, invalids, convalescents, and the aged. We learn from the proprietors that the sales are not only increasing constantly but those using it seem even better pleased than ever with the results."

WELL PLEASED.

Camden, N. J., 5 22, '90.

GENTLEMEN It is a satisfaction to sell an article that pleases your customers.

I have sold Tanglefoot Fly Paper for three seasons, and it is the only sticky fly paper that I ever handled that is satisfactory to dealer and consumer. I have had it left over from one season to another, and it is just as good when left over as the fresh article.

I send you this unsolicited testimonial because I am so much pleased to have a fly paper that my customers can use with satisfaction and not stick to everything when laid around to catch flies.

Tanglefoot is the cleanest sticky fly paper, and the only one that can be kept from one season to another.

Respectfully yours,

A. P. Brown, Ph. G.

Chemist and Microscopist.

To O. & W. Thum, Grand Rapids, Mich.

Ask travelling salesmen what they hear about Tanglefoot.

Public Analyst.

We are pleased to notice that Prof. F. T. Harrison, Ph. D., of the Ontario College of Pharmacy, has passed a very successful examination at Ottawa as an expert analytical chemist, thereby entitling him to the position of Public Analyst. We congratulate Prof. Harrison on his success, the more so as so far we believe only five chemists in the Dominion have passed this examination.

To Prevent Discoloration in Bruises.

To prevent the blood from settling under a bruise, there is nothing to compare with the tincture or a strong infusion of capsicum annuum mixed with an equal bulk of mucilage of gum arabic, and with the addition of a few drops of glycerin. This should be painted all over the surface with a camel's hair pencil and allowed to dry on, a second or third coating being applied as soon as the first is dry. If done as soon as the injury is inflicted, this treatment will invariably prevent the blackening of the bruised tissue. The same remedy has no equal in rheumatic stiff neck.—*St. Louis Polyclinic.*

CHLORALAMIDE.—Dr. S. A. K. Strahan, of the County Asylum, Northampton, has given particulars in the *Lancet* of 23 cases of insomnia which he has treated with chloralamide. All the patients but one suffered from mania or melancholia. As the result of the observations in all these cases Dr. Strahan is strongly impressed with the value of chloral amide; it is "a very effectual hypnotic," he says.

In the Saline Valley California, they gather borax by just shovelling it into wagons and hauling it away. This is the greatest natural deposit of borax in the world.

Kerry, Watson & Co.,

WHOLESALE - DRUGGISTS,

351 St. Paul St.,

MONTREAL.

NEW GOODS NOW ARRIVING:

10 Cases Vichy Water (Celestins),
5 Cases Chevrier's Wine,
10 Cases French Perfumes and Sundries,
16 Cases English Sundry Goods,
Ether in drums,
Carbon Bisulphide in drums,
Price's Glycerine, in lbs. and W. qts.,
Picric Acid.

WE WOULD RECOMMEND THE TRADE TO TRY

**Carter's Soluble Ginger,
Carter's Wine of Rennet.**

Preparations of this kind are in good demand during the Summer, and it is wise to have a good article on hand to meet calls. Customers will be well satisfied if Carter's Ginger or Rennet is given them.

WESTERN HOUSE,

The London Drug Co.

LONDON, ONT.

THE SUCCESSFUL REMEDY

—FOR—

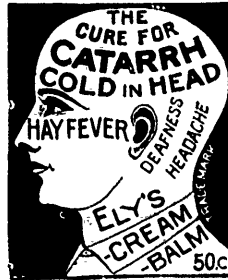
NASAL CATARRH

Must be Non-Irritating

Easy of application, and one that will, by its own action, reach all the remote sores and ulcerated surfaces. The efforts to treat Catarrh during the past few years demonstrate that only one remedy has met these conditions and that is

ELY'S CREAM BALM.

This safe and pleasant remedy



Has Mastered Catarrh

As nothing else has ever done, and both physicians and patients freely concede this fact. The more distressing symptoms quickly yield to it, and a multitude of persons who have for years borne all the worry and pain that Catarrh can inflict, testify to radical and permanent cures wrought by it.

ELY'S CREAM BALM is soothing, excites no dread, dissolves the hardened accumulations, lessens the extreme sensibility of the membrane to cold and all external irritants, and is followed by no reaction whatever.

A cold in the head is an inflammation of the lining membrane of the nasal passages, which, when unchecked, is certain to produce a Catarrhal condition - for Catarrh is essentially a "cold" which nature is no longer able to resolve or throw off.

ELY'S CREAM BALM is not a liquid, snuff or powder. Applied into the nostrils it is quickly absorbed. It cleanses the head, allays inflammation, heal the sores, restores the senses of taste and smell. Sold by druggists, or sent on receipt of **Price. 50c.**

ELY BROS.,

56 WARREN STREET, - : - NEW YORK.

S. LACHANCE,

1538 AND 1540 ST. CATHERINE STREET

MONTREAL,

Proprietor of the following Specialties:

- Father Mathew Remedy,
- Dr. Sey's Remedy,
- Persian Lotion,
- Indigenous Bitters,
- Audette's Hair Promotor.



THE ALBERT TOILET SOAP COY'S

has the largest sale of any Toilet Soap in the country on account of its uniformly excellent, delicate and fragrant qualities.



Major's - Cement.



MAJOR'S CEMENT, for repairing China, Glassware, Furniture, Meerschann, Vases, Books, Tipping Billiard Cues, etc. 15 and 25 cents.

MAJOR'S LEATHER CEMENT for repairing Boots and Shoes. 15 and 20c.

MAJOR'S RUBBER CEMENT for repairing all kinds of soft rubber goods. 15 cents.

MAJOR'S BEST LIQUID GLUE for repairing wood, etc., always ready for use. 10 cents.

Advertising matter sent by mail on application. I also furnish a handsome sign for inside and a stand, 3 ft. 6 in., for outside use, with a 50 lb. weight, and a thermometer 4 1/2 x 24 inches, first-class in every respect. Send for terms.

A. MAJOR, 232 William Street, New York City.
KERRY, WATSON & CO., Montreal, P.Q.
and the LONDON DRUG CO., London, Eng.

HUMPHREYS' SPECIFICS. VETERINARY SPECIFICS. SPECIAL PRESCRIPTIONS.

WITCH HAZEL OIL. MARVEL OF HEALING.

Stocked by all wholesale druggists in Canada and delivered

DUTY FREE.

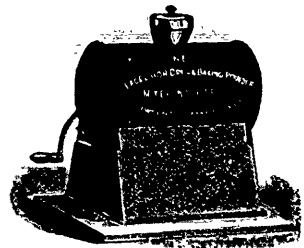
Write for catalogue, photographs of counter show cases, terms and inducements.

HUMPHREYS' MEDICINE COMPANY

109 FULTON STREET, NEW YORK.

ONLY \$10. THE BEST IN THE WORLD.

Easily Cleaned and no Wood to Sent.



Dust Proof and Changeable Sieves.

Rubber brush cuts all lumps out of powder before it is sifted.

50 Mesh and 120 Mesh Wire Sieves, and 100 Mesh Bolting Cloth, 75c. each.

Two Sieves, 40 and 60 mesh, with each Mixer and valuable formulas for Baking Powder, Tooth Powder, Dyspepsia Powder, etc. Send for circular to sole Manufacturer and Inventor.

M. J. JONES, - Penn Yan, N. Y.
Agents Wanted.



For Sale Wholesale by Toronto:

NORTHROP & LYMAN, LYMAN BROS.,
T. MILBURN & Co., ELLIOTT & Co.,
F. F. DALLEY & Co., EVANS & SONS, LTD.

Hamilton:

J. WISER & Co., ARCHDALE WILSON & Co.,
F. F. Dalley & Co., G. O. BRIGGS & SONS.

London:

LONDON DRUG CO., C. McCALLUM,
JAS. KENNEDY & Co.

British Columbia:
LANGLEY & COMPANY.

Montreal:

EVANS & SONS, LTD.

Drug Report.

Business during the past month has been fair. There are no great changes in prices.

Alcohol has advanced owing to a resolution passed that spirits must be kept in bond two years before using instead of one year, and the price is unsettled, but the advance will be at least 10% to represent the interest on the extra year. Opium is reported higher in Smyrna owing to trouble in Turkey. It is stated the Persian Government intend placing two young men as students with Dr. Squibb, New York, to get instructions relating to opium.

Camphor, good demand, market firm; gum shellac, firm, upward tendency; gum guaiacum, much higher.

Santonine has slightly advanced abroad.

Borax in advance is predicted. Balsam of tolu will be higher. Herbs advanced. Lilies slipper is worth 83c. lb.; milkweed, 38c.

White price on tutti frutti, is \$1.30 per box. No berries sell less without breaking contract.

Insect powder A lot was seized at Toronto for undervaluation. A sample received by us has been examined. It is one of the worst mixtures yet seen in this market.

Oil of peppermint An advance is predicted.

Mercurials are very firm at advance.

Iodide and bromide potassium unchanged. Quinine, very little doing. No change in prices.

The Druggists and the Price of Alcohol.

Halifax, July 9. —The *Echo* says: "The wholesale and retail druggists of the Dominion are talking of forming a combine to resist a recent heavy increase in the price put upon alcohol by the distillers of Canada. Nearly all the alcohol manufactured is purchased by the druggists, who were lately notified that the price would in future be about \$1 higher per gallon than before. Some of the wholesale firms in Halifax have been approached by others in the Upper Provinces, with the suggestion of combining. One project is to import the article from Germany, which could be landed here, duty paid, as least as cheap as it can be bought in Canada. No alcohol is manufactured in Halifax now."

To Change the Strength of Alcohol.

REDUCTION OF SPIRIT BY WATER.

Rule. — Multiply the given measure by the degree of the weaker spirit, and divide the result by the degree of the stronger or given spirit.

Example. — I wish to make 340 gallons of spirits of 49 per cent., from alcohol of 85 per cent. Multiply 340 by 49 and divide the result by 85. The quotient is 196, the number of gallons of alcohol, at

85 per cent., which with 134 gallons of water, will make 340 gallons of spirit, of 49 proof.

REDUCTION OF SPIRIT BY SPIRIT OF WEAKER STRENGTH.

Rule. — Multiply the given number of parts of the strong spirit to be reduced, by the difference of its strength and that of the new compound, and divide the result by the difference of the strength of the weaker spirit, and that of the new compound. The quotient will represent the number of parts of stronger spirit.

Example. — 615 gallons of spirit, of 86 per cent, is to be reduced to 47 per cent, by spirit of 36 per cent. Multiply 615 by 39 (the difference between 86 and 47.) The quotient will represent the number of gallons of the weaker spirit necessary for the operation.

RAISING THE PROOF.

Rule. — Multiply the number representing the quantity of spirits to be raised, by the difference of its strength and that of the new compound; divide the product by the difference between the strength of the strong spirit and that of the new compound; the quotient will indicate the quantity of strong spirit necessary to raise the proof or standard of the given quantity of weaker spirit.

Example. — 420 gallons of spirit, of 46 per cent, is to be raised to 49 per cent, by spirit of 85 per cent. Multiply 420 by 3, (the difference between 46 and 43), divide the result by 36, (the difference between 85 and 49), and the quotient will represent the number of gallons of the strong spirit necessary to raise the 420 gallons to 39 per cent. *New England Druggist.*

Fluid Extract Cascara "Tasteless."

This is prepared by using an alkali or alkaline salt in solution in the menstrum. Water of Ammonia is perhaps the best for this purpose, as an excess is readily evaporated off. Hydrate of Sodium or Potassium may also be used but are somewhat objectionable because an excess of alkali is not so easily got rid of.

The effect of the alkali in the solution of the resinous constituents and the neutralizing of natural acids in the bark which, uniting with its glucoside produce the bitter taste.

The following formula may be used :

Cascara, in coarse powder. . . . 16½ ozs. av.
Water of Ammonia. 1½ fl. oz.
Alcohol 8 fl. ozs.
Water a sufficient quantity

Moisten the powder with a mixture of the alcohol, 4 ounces of water and ½ ounce of water of ammonia, pack in a water-bath percolator and allow to stand 24 hours in a warm place, then add water heated nearly to boiling to the drug and after one hour begin to percolate, reserving the first 12 fl. ounces that pass and continuing the percolation with hot water mixed with the balance of the water of ammonia until the strength is exhausted. Evaporate this latter portion to 4 fl.

ounces and add it to the portion before reserved. If the extract thus prepared is still bitter to quite an extent a little more water of ammonia may be added carefully. *Fenner.*

Orexin, another coal tar derivative, is a new remedy for disorders of the stomach. It is said to have stimulating effect on the appetite, digestion, and assimilation.

Advertisements under the following headings will be inserted for one insertion: — Situations Vacant, Situations Wanted, Business Wanted, Business for Sale, Goods for Exchange, Miscellaneous.

Situations Vacant.

DRUG CLERK — Good address — Age 30 to 35 years; experience in large store; unmarried preferred; to take charge of the largest retail store in Buffalo; also an assistant clerk; good ability and address; age not less than 24 to 25 years. Address Lyman & Jeffrey, Buffalo, N. Y.

DRUG ASSISTANT WANTED — About two years' experience. Apply, with reference and salary expected to box 371, Globe, Toronto.

DRUG CLERK WANTED — Thoroughly competent — to take charge of large store; one speaking German preferred; liberal salary paid. Address Druggist, Niagara Falls, Ont.

WANTED — Manager city drug business; send testimonials; state salary and where apprenticeship was served. 377 Globe office.

DRUGGIST — Two or three years' experience — young man acquainted with wall paper and stationery preferred; state experience and salary expected; send references. L. E. York & Co., Waterford Ont.

WANTED — Immediately — Druggist's assistant, G. O. C. P.; must be first-class dispenser; references necessary. C. H. Cohen, corner of Carlton and Parliament streets.

Situations Wanted.

AS DRUGGISTS' ASSISTANT — Graduate O. C. P. — moderate salary; 5 years' city reference. Address, Druggist, Queen'sville.

Businesses for Sale.

DRUG BUSINESS — Established — grand opening for young man. Druggist, box 163, Mail office, Toronto.

FOR SALE — Old-established drug business in Toronto. Address box 188, Mail office, Toronto.

ESTABLISHED DRUG BUSINESS FOR SALE IN LIVE manufacturing town Ontario. Stock and fixtures in prime order — about \$2,500. This is no bankrupt sale; a fine chance. Address Chemist, Office CANADIAN DRUGGIST, Strathroy, Ont.

Business Wanted.

DRUG BUSINESS — In city, town or village; give full particulars. M. A. C., care Elliot & Co., Toronto.



We have already contracted to advertise

WILSON'S FLY POISON PADS

(REGISTERED)

In Ninety Newspapers during the coming Summer Months.

The Demand will therefore be Larger than ever.

WILSON'S FLY PADS are the most satisfactory Insect Poison ever offered the Canadian Trade. No other form of Fly Poison has given the same satisfaction or had so large a sale.

SOLD BY ALL WHOLESALE DRUGGISTS AND DEALERS IN PATENT MEDICINES.

ARCHDALE WILSON & CO., HALMITON.

Canadian Druggist Prices Current.

CORRECTED TO JULY 10th, 1890.

The quotations given represent average prices for quantities usually purchased by Retail Dealers. Larger parcels may be obtained at lower figures, but quantities smaller than those named will command an advance.

ALCOHOL, gal.	\$4	\$1	05
ALLSPICE, lb.	13	15	
Powdered, lb.	15	17	
ALON, oz.	40	45	
ANODYNE, Hoffman's bot., lbs.	50	55	
ANODYNOOT, Bermuda, lb.	45	50	
St. Vincent, lb.	15	18	
BALSAM, Fir, lb.	45	50	
Copiba, lb.	90	1 00	
Peru, lb.	2 50	2 75	
Tolu, can or less, lb.	65	75	
BARB, Barbary, lb.	22	25	
Bayberry, lb.	15	18	
Buckthorn, lb.	15	17	
Canela, lb.	15	17	
Cascara Sagrada	33	35	
Cascarilla, select, lb.	18	20	
Cassia, in mats, lb.	18	20	
Cinchona, red, lb.	60	65	
Powdered, lb.	65	70	
Yellow, lb.	35	40	
Pale, lb.	40	45	
Elm, selected, lb.	16	18	
Ground, lb.	17	20	
Powdered, lb.	20	28	
Hemlock, crushed, lb.	18	20	
Oak, white, crushed, lb.	15	17	
Orange peel, bitter, lb.	15	16	
Prickly ash, lb.	35	40	
Sassafras, lb.	33	35	
Soap (quillaya), lb.	15	18	
Wild cherry, lb.	13	15	
BEANS, Calabar, lb.	45	50	
Tonka, lb.	1 25	2 75	
Vanilla, lb.	6 00	9 00	
BERRIES, Cabeb, sifted, lb.	2 50	2 60	
powdered, lb.	2 60	2 70	
Juniper, lb.	10	12	
Ground, lb.	12	14	
Prickly ash, lb.	40	45	
BUDS, Balm of Gilead, lb.	55	60	
Cassia, lb.	25	30	
BUTTER, Cocoa, lb.	75	80	
CAMPION, lb.	65	85	
CAMPHOR, lb.	2 00	2 10	
Powdered, lb.	2 10	2 20	
CASCUM, lb.	25	30	
Powdered, lb.	30	35	
CARBON, Bi sulphide, lb.	16	18	
CARMINE, No. 40, oz.	40	50	

CASTOR, Fibre, lb.	7 50	8 00
CHALK, French, powdered, lb.	10	12
Prep., see Calcium, lb.	10	12
Prepared, lb.	5	6
4	4	5
CHARCOAL, Animal, powd., lb.	20	25
Willow, powdered, lb.	25	30
CLOVE, lb.	25	30
Powdered, lb.	30	35
COCHINEAL, Honduras, lb.	40	45
COLLOIDIOS, lb.	75	80
Cantharidal, lb.	2 50	2 75
COSPACTIOS, Senna, lb.	25	30
Creosote, Wood, lb.	2 00	2 30
CUTLEFISH BONE, lb.	35	40
DEXTRISE, lb.	10	12
DOVRE'S POWDER, lb.	1 50	1 60
ERGO, Spanish, lb.	75	80
Powdered, lb.	90	1 00
ERGOTS, Keith's, oz.	2 00	2 10
EXTRACT, Logwood, bulk, lb.	13	14
Pounds, lb.	14	17
FLOWERS, Avnica, lb.	15	20
Calendula, lb.	55	60
Chamonille, Roman, lb.	30	35
German, lb.	30	35
Elder, lb.	20	22
Lavender, lb.	12	15
Rose, red, French, lb.	1 60	2 00
Rosemary, lb.	25	30
Saffron, American, lb.	35	40
Spanish, Val'a, oz.	1 25	1 50
1 00	1 95	
French, white, lb.	40	50
GLYCERINE, lb.	22	25
GUARANA, lb.	3 00	3 25
Powdered, lb.	3 25	3 50
GUM ALLOS, Cape, lb.	18	20
Barbadoes, lb.	30	50
Socotrine, lb.	65	70
Assafetida, lb.	23	25
Arabic, 1st, lb.	1 00	1 10
Powdered, lb.	1 10	1 20
Sifted sorts, lb.	75	80
Sorts, lb.	60	75
Benzoin, lb.	50	1 00
Catechu, Black, lb.	9	20
Camboge, powdered, lb.	1 20	1 35
Gustac, lb.	60	95
Powdered, lb.	65	1 00
Kino, true, lb.	45	48
Myrrh, lb.	45	48
Powdered, lb.	55	60
Opium, lb.	4 50	4 75
Powdered, lb.	6 00	7 00
Scammony, pure Resin, lb.	12 80	13 00
Shellac, lb.	35	40

Bleached, lb.	45	50
Spruce, true, lb.	30	35
Tragacath, flake, 1st, lb.	1 00	1 10
Powdered, lb.	1 10	1 15
Sorts, lb.	25	75
Thus, lb.	8	10
HEB, Althea, lb.	27	30
Bitterwort, lb.	27	30
Burdock, lb.	16	18
Boneset, ozs, lb.	15	17
Catnip, ozs, lb.	17	20
Chiretta, lb.	25	30
Coltsfoot, lb.	20	38
Feverfew, ozs, lb.	53	55
Grindelia robusta, lb.	45	50
Hearhound, ozs, lb.	17	20
Jaborandi, lb.	45	50
Lemon Balm, lb.	38	40
Laverwort, German, lb.	40	45
Lolida, ozs, lb.	15	20
Motherwort, ozs, lb.	20	22
Mullein, German, lb.	17	20
Pennyroyal, ozs, lb.	17	20
Peppermint, ozs, lb.	21	25
Rue, ozs, lb.	30	35
Sage, ozs, lb.	15	18
Spearmint, lb.	21	25
Thyme, ozs, lb.	18	20
Tansy, ozs, lb.	15	18
Wormwood, oz	20	22
Yerba Santa, lb.	38	44
1 00	1 50	
HONEY, lb.	15	20
Hops, fresh, lb.	20	25
INDIGO, Madras, lb.	75	80
INSERT POWDER, lb.	45	55
ISINGLASS, Brazil, lb.	2 00	2 10
Russian, true, lb.	6 00	6 50
LEAF, Aconite, lb.	25	30
Bay, lb.	18	20
Belladonna, lb.	25	30
Buchu, long, lb.	40	45
Short, lb.	15	18
Coca, lb.	55	60
Digitalis, lb.	25	30
Eucalyptus, lb.	18	20
Hyoscyamus, lb.	25	30
Matio, lb.	70	75
Senna, Alexandria, lb.	25	30
Timevelly, lb.	15	25
Stramonium, lb.	20	25
Uva Ursi, lb.	15	18
LEUCON, Swedish, doz	1 00	1 10
LEUCON, Solazzi	45	50
Pignatelli	35	40
Grasso	30	35
LURULIN, ozs	30	35

Hypophosphites, oz.	10	12	Chloride, granular, oz.	13	15	Neroli, oz.	4 25	4 50
Iodide, lb.	3 75	4 00	Iodide, oz.	60	65	Orange, lb.	3 75	5 00
Nitrate, gran., lb.	8	10	Oxide, lb.	13	60	Sweet, lb.	3 25	3 50
Permanganate, lb.	65	70	Sulphate, lb.	9	11	Origanum, lb.	65	70
Prussiate, Red, lb.	50	55	Valerianate, oz.	25	30	Patchouli, oz.	1 75	1 80
Yellow, lb.	32	35	ESSENTIAL OILS.					
And Sod. Tartrate, lb.	30	35	Oil, Almond, bitter, oz.	75	80	Pennyroyal, lb.	2 00	2 10
Sulphuret, lb.	25	30	Sweet, lb.	50	60	Peppermint, lb.	3 50	4 00
PROFLAMINE, oz.	35	40	Amber, crude, lb.	40	45	Pimento, lb.	2 00	2 75
QUININE, Sulph., bulk, oz.	49	45	Rec't, lb.	65	70	Rhodium, oz.	80	85
Oz., oz.	45	50	Anise, lb.	2 75	3 00	Rose, oz.	6 00	9 00
QUINIDINE, Sulphate, ozs., oz.	16	20	Bay, oz.	50	60	Rosemary, lb.	70	75
SALICIN, oz.	22	25	Bergamot, lb.	4 25	4 50	Rue, oz.	25	30
SANTONIN, oz.	20	22	Cade, lb.	50	55	Sandalwood, lb.	5 50	9 00
SILVER, Nitrate, cryst., oz.	90	95	Cajuput, lb.	1 80	1 90	Sassafras, lb.	65	70
Fused, oz.	95	1 00	Capsicum, oz.	60	65	Savin, lb.	1 00	1 75
SODIUM, Acetate, lb.	30	35	Caraway, lb.	3 50	3 75	Spearmint, lb.	6 00	6 25
Bicarbonate, kgs., lb.	2 50	2 75	Cassia, lb.	1 50	1 60	Spruce, lb.	65	70
Bromide, lb.	63	65	Cinnamon, Ceylon, oz.	1 50	1 60	Tansy, lb.	1 25	1 50
Carbonate, lb.	3	6	Citronelle, lb.	70	75	Thyme, white, lb.	1 80	1 90
Hypophosphite, oz.	10	12	Clove, lb.	2 25	2 40	Wintergreen, lb.	3 00	3 50
Hyposulphite, lb.	3	6	Copaiba, lb.	1 60	1 75	Wormseed, lb.	3 50	3 75
Iodide, oz.	40	45	Croton, lb.	1 50	1 75	Wormwood, lb.	6 50	6 75
Salicylate, oz.	15	17	Cubeb, lb.	20 00	22 00	FIXED OILS.		
Sulphate, lb.	2	3	Cumin, lb.	5 50	6 00	Castor, lb.	12	14
Sulphite, lb.	10	12	Erigeron, oz.	20	25	Cod Liver, N. E., gal.	1 00	1 50
SPIRIT NITRE, lb.	27	50	Eucalyptus, lb.	2 00	2 10	Norwegian, gal.	1 25	1 50
STRONTIUM, Nitrate, lb.	18	20	Fennel, lb.	1 60	1 75	CORROSION, gal.	1 10	1 20
STRYCHNINE, crystals, oz.	1 10	1 25	Geranium, oz.	1 75	1 80	CROTON, lb.	1 50	1 60
SULFONAL, oz.	60	70	Rose, lb.	3 20	3 50	LARD, gal.	20	1 00
SULPHUR, Flowers of, lb.	3	4	Juniper berries (English), lb.	4 50	5 00	LINSEED, boiled, gal.	75	78
Pure precipitated, lb.	13	20	Wood, lb.	70	75	Raw, gal.	72	75
TARTAR EMETIC, lb.	50	55	Lavender, Chiris. Fleur, lb.	3 00	3 50	NEATSFOOT, gal.	1 25	1 30
THYMOL, (Thymic acid), oz.	60	65	Garden, lb.	1 50	1 75	OLIVE, gal.	1 35	1 40
VERATRINE, oz.	2 00	2 10	Lemon, lb.	2 00	2 25	SALAD, gal.	2 25	2 40
ZINC, Acetate, lb.	70	75	LEMONGRASS, lb.	1 50	1 60	PALM, lb.	12	13
Carbonate, lb.	25	30	Mustard, Essential, oz.	60	65	SPEEM, gal.	2 00	2 25
						TERPENTINE, gal.	60	70

Convincing Evidence of Superiority which Cannot be Duplicated by any other Perfumer.

THE BEST SELLING PERFUMERY ON THE CONTINENT.

"The largest invoice of perfumery ever delivered to any one retail druggist in the United States," (*St. Paul Pioneer Press*) "was sold to L. MUSSETTER, St. Paul, in November, amounting to \$870.00 of Ricksecker's Perfumery." Letter just received says: "Mr. M. sold out about the entire lot in 49 days. I send you another \$200.00 order for him. J. R. Parsons." January, 1890.

CASWELL, MASSEY & CO., New York, have bought \$1,200 worth of Ricksecker's goods in six months, and we think it safe to say that they have not bought one-fourth as much of all other American Perfumery combined.

A. H. SMITH & CO., San Francisco, bought \$1,000 worth of Ricksecker's goods inside of four months.

Ricksecker's Perfumes give *better satisfaction* than any other make. A new customer buys them often for style, but after once doing so, for quality. H. W. KNIGHT, Boston.

Ricksecker's goods are the most attractive and popular that we have ever stocked. The demand is increasing and they sell every time. Our sales show five to one of the imported. A. L. HELMBOLD, Philadelphia, Pa.

Ricksecker's perfumes are giving universal satisfaction, and the trade on them is constantly increasing; in the past five months our sales on your perfumes have exceeded those of all other manufacturers combined. F. W. BRAUN & CO., Los Angeles, Cal.

Address all Orders to

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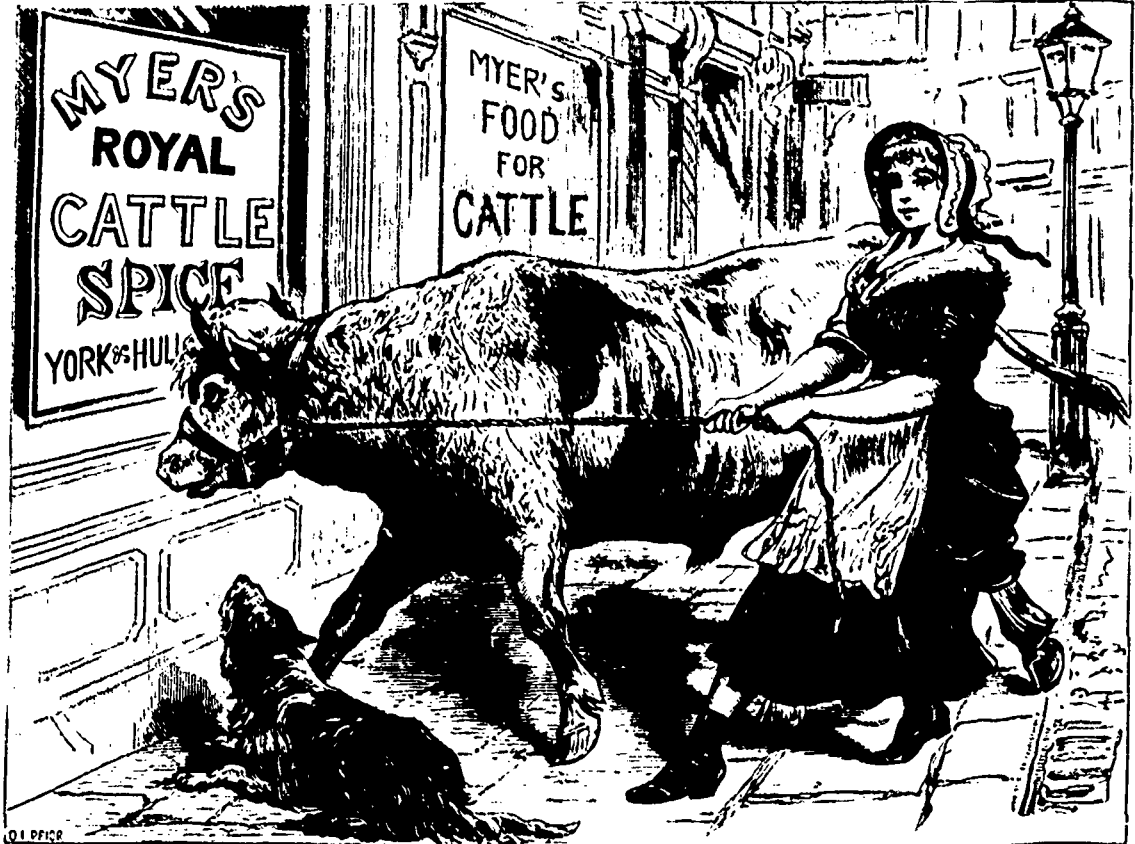
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Which has had a run of 27 Years of the Greatest Success in the Old Country.

FOR HORSES, CATTLE, SHEEP,



PIGS, POULTRY AND GAME.

Address - 18 KING STREET EAST, - TORONTO.
PURCHASE AGENTS WANTED.



Advantages of "Rough on Rats."

"Rough on Rats" is sold all around the world, in every clime, is the most extensively advertised and has the largest sale of any article of its kind on the face of the globe.

- NO LOSS by breakage, leakage or evaporation.
- WILL KEEP a thousand years in any climate.
- NO GREASE to soil the drawers or goods.
- USED FOR INSECTS, BUGS, ETC., as well as for rats and mice.
- ALWAYS DOES THE WORK.
- LOWEST PRICE of its kind.
- PAYS BETTER than any other.

CAREFUL DRUGGISTS, who do not sell arsenic and strychnine indiscriminately and yet do not wish to incur the pleasure of Patrons by absolute refusal, can offer 15c. boxes of "Rough on Rats."

ALL "ROUGH ON" PREPARATIONS.
SEND FOR LITHOGRAPHS, CHROMOS, ETC.



GONE WHERE THE WOODBINE TWINETH.

Rats are smart, but "Rough on Rats" beats them. Clears out Rats, Mice, Roaches, Water Bugs, Flies, Beetles, Moths, Spiders, Mosquitoes, Bed Bugs, Flea Lice, Insects, Potato Bugs, Sparrows, Skunks, Weasels, Gophers, Chipmunks, Moles, Muskrats, Jack Rabbits, Squirrels. 15c. and 25c. Druggists.

THE ROUND TOP LABEL is printed on red paper with black letters, with words POISON and ANTIDOTE. The side label is in RED INK on white paper with the words POISON, CAUTION, Raw Head and Bloody Bones and Antidotes, thus complying with all requirements of the law.

The Antidotes are the same as in Arsenical Poisoning.

Druggists should recommend "Rough on Rats."

For Roaches, Buffalo Bugs, Beetles, Flies, Water Bugs, Croton Bugs. For two or three nights sprinkle "Rough on Rats" dry powder in, about and down the sink drain pipe, when all the insects from garret to cellar will disappear. The secret is in the fact that wherever insects are in the house they must drink during the night. This being a poison, it should be used only at night, and washed away early every morning down the drain. Fifteen cent boxes at druggists. Sent for circular. "How to destroy all kinds of Bugs, Insects, Vermin, etc."

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