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ONTARIO
College of Pharmacy.

ANNUAL ANNOUNCEMENT



12TH SESSION

1891-'92.

ST. JAMES' SQUARE, GERRARD STREET,
TORONTO.

LYMAN BROTHERS & Co.,

WHOLESALE DRUGGISTS

—AND—

MANUFACTURING CHEMISTS,

TORONTO.

WE MAKE A SPECIALTY
OF THE MANUFACTURE OF

Compressed Tablets

Compressed Tablet Triturates

Soluble Hypodermic Tablets

Sugar-Coated Pills

EVERY REQUISITE FOR THE RETAIL TRADE.

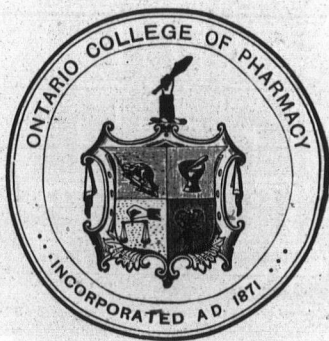
CORRESPONDENCE SOLICITED.

Offices & Warehouse, 71 & 73 Front St. E.
Mills & Laboratory, 147 & 149 " "

ONTARIO
College of Pharmacy.

ANNUAL ANNOUNCEMENT

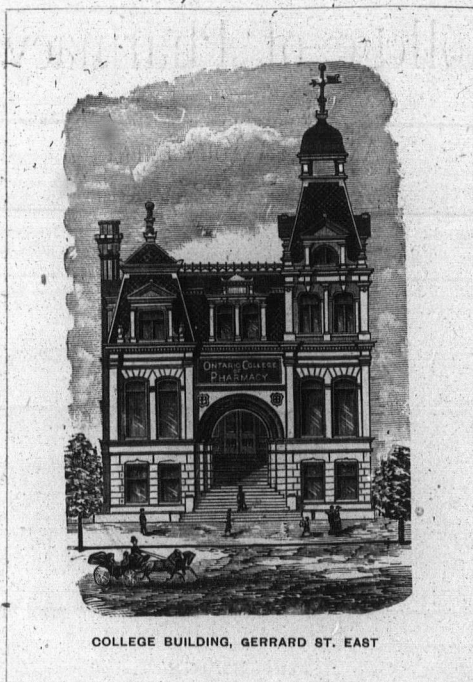
PUBLISHED BY AUTHORITY OF THE COMMITTEE ON EDUCATION.



12TH SESSION

1891-'92.

ST. JAMES' SQUARE, GERRARD STREET.
TORONTO.



COLLEGE BUILDING, GERRARD ST. EAST

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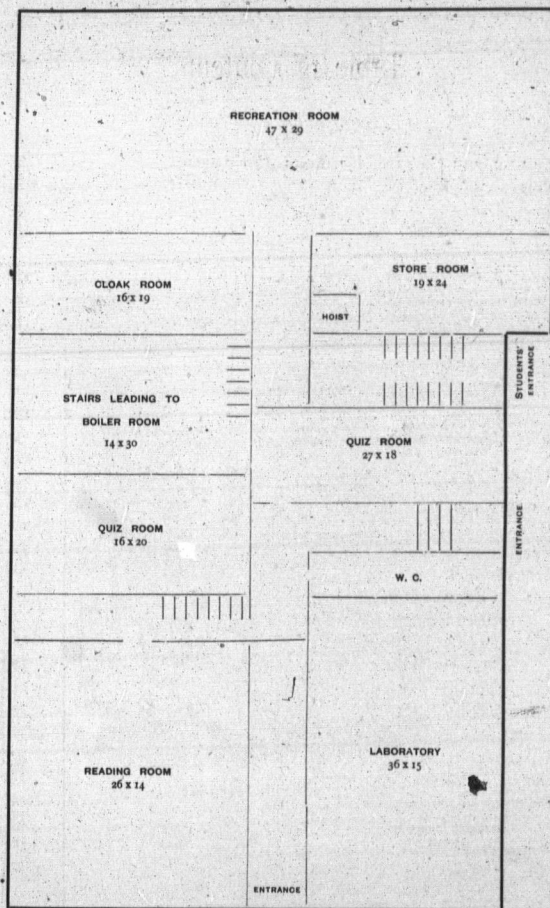
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FIRST FLOOR.

RE ROOM
19 X 24

STUDENT
ENTRANCE

ENTRANCE

RY

PHARMACEUTICAL LABORATORY
38 X 47

PROFESSOR
14 X 10

PROFESSOR
14 X 12

NO. 81

BASIN

GLASS
STOCKS
6 X 10

DRUG ROOM
10 X 14

LECTURE TABLE

LECTURE HALL
42 X 34

CLOAK ROOM

VAULT

COUNCIL CHAMBER
14 X 25

QUIZ ROOM
9 X 15

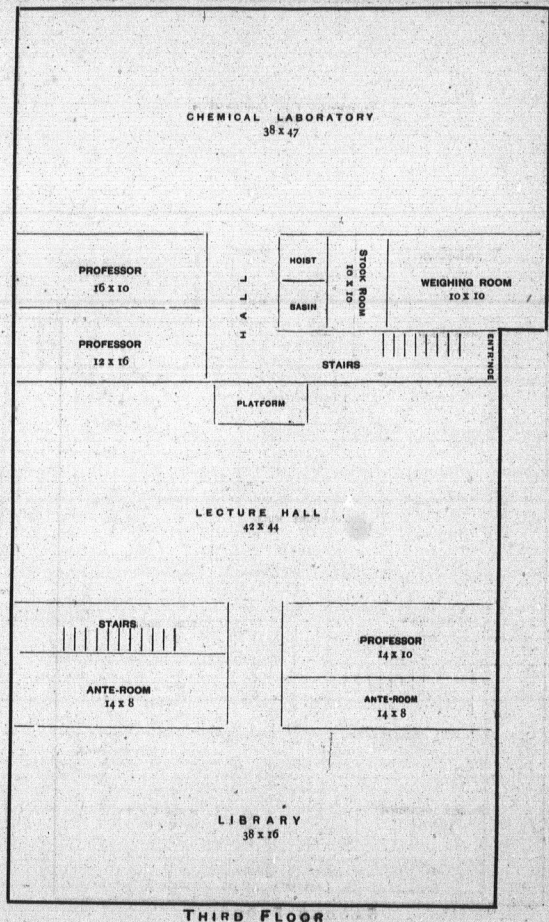
DEAN
11 X 15

MUSEUM
25 X 15

ENTRANCE

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ENTRANCE

SECOND FLOOR



ONTARIO COLLEGE OF PHARMACY.

TIME TABLE—JUNIOR COURSE.

SATURDAY.

FRIDAY.

THURSDAY.

WEDNESDAY.

TUESDAY.

MONDAY.

CALENDAR FOR 1891-2.

ONTARIO COLLEGE OF PHARMACY.

TIME TABLE—JUNIOR COURSE.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
A.M. 8.45-10.00	Chemistry.	Pract'l Pharm. Sec. II	Chemistry.	Pract'l Pharm. Sec. I	Chemistry.	Physica.
10.00-11.15			Pharmacy, Theoretical, &c.			Pharmacy, Theoretical, &c.
10.00-12.30	Pract'l Pharm. & Prescriptions, Sec. I.	Prac. Chemistry, Sec. I		Prac. Chem'y, Sec. II	Practical Pharm. Sec. II Microscopy Sec. I.	
2.00-4.30		Pract'l Chemistry, Sec. II		Pract'l Chemistry, Sec. I		
4.30-5.30	Botany.	Materia Medica.	Botany.	Materia Medica.	Botany.	

SENIOR COURSE.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
P.M. 8.45-10.00	Chemistry	Pract'l Pharm. Sec. II	Chemistry.	Pract'l Pharm. Sec. I	Chemistry.	Chemistry.
10.00-11.00			Pharmacy, Theoretical, &c.			Pharmacy, Theoretical, &c.
10.00-12.30	Practical Pharmacy, Sec. I.	Prac. Chemistry, Sec. I		Prac. Chemistry, Sec. I	Practical Pharm. Sec. II Pharmacology Sec. I	
2.00-4.30	Pharmacology, Sec. II	Pract'l Chemistry, Sec. II		Pract'l Chemistry, Sec. I	Toxicology.	
4.3	Botany.	Materia Medica, &c.	Materia Medica, &c.	Materia Medica, &c.	Botany.	

Calendar for 1891.

	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.		SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.		SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
JAN.	MAY	SEP.
	4	5	6	7	8	9	10		3	4	5	6	7	8	9		1	2	3	4	5	6	7
	11	12	13	14	15	16	17		10	11	12	13	14	15	16		7	8	9	10	11	12	13
	18	19	20	21	22	23	24		17	18	19	20	21	22	23		14	15	16	17	18	19	20
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									31								27	28	29	30	31		
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	15	16	17	18	19	20	21		14	15	16	17	18	19	20		11	12	13	14	15	16	17
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									28	29	30	31					25	26	27	28	29	30	31
MAR.	1	2	3	4	5	6	7	JULY	1	2	3	4	5	6	7	NOV.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14		8	9	10	11	12	13	14		8	9	10	11	12	13	14
	15	16	17	18	19	20	21		15	16	17	18	19	20	21		15	16	17	18	19	20	21
	22	23	24	25	26	27	28		19	20	21	22	23	24	25		22	23	24	25	26	27	28
	29	30	31						26	27	28	29	30	31			22	23	24	25	26	27	28
																	29	30
APR.	5	6	7	8	9	10	11	AUG.	2	3	4	5	6	7	8	DEC.
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	19	20	21	22	23	24	25		16	17	18	19	20	21	22		6	7	8	9	10	11	12
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	24	25	26	27	28	29	30	29	30	31		25	26	27	28	29	30	...	
	31	
FEB.	...	1	2	3	4	5	6	JUNE	1	2	3	OCT.	
	7	8	9	10	11	12	13		5	6	7	8	9	10		2	3	4	5	6	7	8	
	14	15	16	17	18	19	20		12	13	14	15	16	17		9	10	11	12	13	14	15	
	21	22	23	24	25	26	27		19	20	21	22	23	24		16	17	18	19	20	21	22	
	28	29		26	27	28	29	30	...		23	24	25	26	27	28	29	
		30	31	
MAR.	...	1	2	3	4	5	JULY	1	2	NOV.	
	6	7	8	9	10	11	12		3	4	5	6	7	8		6	7	8	9	10	11	12	
	13	14	15	16	17	18	19		10	11	12	13	14	15		13	14	15	16	17	18	19	
	20	21	22	23	24	25	26		17	18	19	20	21	22		20	21	22	23	24	25	26	
	27	28	29	30	31		22	23	24	25	26	27		27	28	29	30	
		31	
APR.	1	2	AUG.	3	4	5	6	DEC.	
	3	4	5	6	7	8	9		7	8	9	10	11	12	13		4	5	6	7	8	9	
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Feb. 3

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examining

College Calendar.

1891.

- Aug. 5.—Sitting of College Council for granting diplomas, etc., begins.
- Sept. 4.—Matriculation Examinations.
- “ 5.— “ “ results posted.
- “ 7.—Formal opening of Junior term.
- “ 14.—Laboratory course commences.
- Dec. 1.—Time-Table for Junior Examinations is posted.
- “ 8.—Semi-annual Examinations for diplomas begin.
- “ 16 }
- “ 17 }—Junior Examinations.
- “ 18 }
- “ 18.—Junior course closes.
- “ 20.—Results of Examinations published in daily press.

1892.

- Jan. 5} --Supplementary Junior Examinations.
 " 6}
 " 7.—Lectures of Senior course begin.
 " 7.—Laboratory course begins.
 Feb. 3.—Sitting of College Council for granting diplomas begins.
 Apl. 15.—Good Friday—Holiday.
 May 7.—Laboratory course terminates.
 " 13.—Senior course closes.
 " 16.—Semi-annual Examinations for diplomas begin.
 " 30.—Results of Senior Examinations published in daily press.

Faculty meet first Friday in each month.

Application for examination at least two weeks before such examination begins.

Ex-Officers and Dates of Office.

President.		Vice-President.
WM. ELLIOT.	1871.	HUGH MILLER.
BENJ. LYMAN.	1871-1873.	T. BICKLE.
BENJ. LYMAN.	1873-1875.	WM. SAUNDERS.
BENJ. LYMAN.	1875-1877.	NEIL C. LOVE.
WM. ELLIOT.	1877-1879.	WM. SAUNDERS.
WM. SAUNDERS.	1879-1881.	NEIL C. LOVE.
HUGH MILLER.	1881-1883.	G. J. WAUGH.
NEIL C. LOVE.	1883-1885.	E. HARVEY.
E. HARVEY.	1885-1887.	R. W. ELLIOT.
R. W. ELLIOT.	1887-1888.	W. B. SANDERS.
HARRY SHERRIS.	1888.	JNO. A. CLARK.
JNO. A. CLARK.	1888-1889.	W. B. SANDERS.
JNO. A. CLARK.	1889-1891.	JOHN J. HALL.

W. H. DUNSPAUGH.	1871	Treasurer.
H. J. ROSE.	1871	Registrar.
GEO. HODGETTS.	1871-75	Treasurer.
K. A. MILLER.	1875-79	"
GEO. HODGETTS.	1873-79	Registrar.
GEO. HODGETTS.	1879-88	Regis.-Treas.
I. T. LEWIS.	1888-91	"

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COUNCIL AND OFFICERS.

ONTARIO COLLEGE OF PHARMACY.

President :

JOHN A. CLARK, Hamilton, Ont.

Vice-President :

JOHN J. HALL, Woodstock, Ont.

DANIELS, C. D.	King St., Toronto.
HOBART, G. S.	Kingston, Ont.
LAWRENCE, L. T.	London, Ont.
MCGREGOR, C. K.	Brantford, Ont.
McKEE, JOHN,	Peterborough, Ont.
MACKENZIE, J. H.	Yonge St., Toronto.
PETRIE, A. B.	Guelph, Ont.
SANDERS, W. B.	Stayner, Ont.
SLAVEN, JNO W.	Orillia, Ont.
WATERS, HENRY,	Ottawa, Ont.
EVEREST, G. M.	Arkona.

Registrar and Treasurer :

I. T. LEWIS, Gerrard St., Toronto.

Solicitors :

EDGAR & MALONE, Cor. Colborne and Yonge Sts.

Curator :

WM. YOUNG.

Chairman of Education Committee,	J. H. MACKENZIE.
" Executive and Finance Committee,	J. W. SLAVEN.
" By-laws and Legislation	JNO. J. HALL.
" Infringement	G. S. HOBART.

Vice-President.

GH MILLER.

BICKLE.

I. SAUNDERS.

IL C. LOVE.

A. SAUNDERS.

IL C. LOVE.

J. WAUGH.

HARVEY.

W. ELLIOT.

B. SANDERS.

A. CLARK.

B. SANDERS.

N J. HALL.

Faculty.

A. Y. SCOTT, B.A. (Tor.), M.D., C.M. (Trin.).

Dean and Professor of Chemistry and Botany.

CHAS. F. HEEBNER, Ph. G.,

Prof. of Theory and Practice of Pharmacy;

Director of Pharmaceutical Laboratory.

JOHN T. FOTHERINGHAM, B. A., M. B. (Tor.), M. D.,
C. M. (Trin.)

Professor of Materia Medica and Pharmacognosy.

GRAHAM CHAMBERS, B.A., M.B. (Tor.),

Professor of Analytical Chemistry.

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HISTORY OF COLLEGE, CHANGES IN STAFF, AND IN LENGTH OF SESSION.

An Act entitled the "Pharmacy Act, 1871," was granted by the Ontario Legislature, in 1871, to the "Canadian Pharmaceutical Society," a society which had grown out of the "Druggists' and Chemists' Association," formed in Ontario about that time.

By this Act, the authority of which was vested in a Council of thirteen, every person in the Province of Ontario who had been or was carrying on business as a druggist, or who had served an apprenticeship of three years and had acted as a druggist's assistant for one year, was, upon payment of a fee of \$4, entitled to be enrolled as a member of the Ontario College of Pharmacy, and to the privileges therewith. This Act of Incorporation gave to this College the power of acquiring and holding real estate, and of erecting buildings for the purpose of lectures on chemistry or pharmacy, etc., or for a library or pharmaceutical museum; and also conferred on the Council elected by the College the right to examine candidates for certificates of competency to carry on the business of druggist.

The latter power the Council immediately took advantage of to protect the public at large and the drug trade in particular. Prior to 1882 the training of students for their examination was left wholly to private enterprise, when, for the first time, the Council felt itself able financially to undertake a system of teaching such as was required. Of this teaching department Mr. E. B. Shuttleworth was appointed Dean, with Messrs. Rose and Robinson as assistants. Temporary quarters were obtained and fitted up for them on Wellington Street, Toronto.

The Council of 1886, seeing that more accommodation was required, purchased a site on St. James square for the erection of

buildings suitable for lectures, &c., in the departments required. These buildings were completed and equipped in 1887, at a cost of over \$21,000, and various sums have yearly been expended upon the purchase of new fittings and apparatus.

The Council of 1891 have decided upon enlarging the building, at a cost of \$15,000, by erecting in the rear of the present building an addition, to be fitted up and equipped specially for practical laboratories in chemistry, pharmacy, dispensing, etc. The inside of the present building is being remodelled so that the whole building, when completed, will be one complete structure, with lecture rooms, &c., of the latest design. It is expected that the building will be ready for occupation in September, 1891, and the Ontario College of Pharmacy will then be in possession of buildings and equipment in advance of the majority of such colleges on the American continent, and surpassed by none. The plans of each floor are given in this announcement, and will be of interest both to members of the College and to those who have an intention of entering in September.

The Act of 1871 did not specify any definite time for apprenticeship service, nor for qualification on entering the service. This was amended in the Acts of 1884 and 1889. The term of apprenticeship and regulations regarding junior and senior terms are fully given under their headings in the 'body' of the announcement. (Pages 15 to 19.)

By the Act of 1889 all students are compelled to attend two courses of lectures—the Junior in this or some other college approved of by the Council, and the Senior in this College. This Act has also conferred on the Council the power of fixing and determining, from time to time, the curriculum of studies, so that the College can always be kept abreast of any improvement made in pharmaceutical education.

The present session is lengthened from twenty-eight to thirty-two weeks, an entirely new staff of experienced teachers has been engaged, and the College now gives the student an increased amount of instruction, both theoretical and practical, the latter being now made one of the features of the College.

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**REGULATIONS REGARDING APPRENTICESHIPS
COMMENCED AFTER MARCH 23rd, 1889.**

Every person who may be desirous of becoming apprenticed to a regularly qualified pharmaceutical chemist, must before the term of his apprenticeship begins, send to the Registrar of the College the sum of one dollar, together with a certificate or other evidence satisfactory to the Council, showing that the applicant has previously passed an examination on the following subjects:

ARITHMETIC.—Reduction, proportion (simple and compound), fractions (vulgar and decimal), square root.

MENSURATION.—Areas of rectilineal figures, volumes of parallelipeds.

ALGEBRA.—Elementary rules, greatest common measure, least common multiple, fractions, simple equations of one unknown quantity.

GEOGRAPHY.—Political, physical, and mathematical.

ENGLISH.—Grammar and composition.

The above requirements having been complied with, the applicant, on engaging himself by a written contract with a regularly qualified pharmaceutical chemist, then legally begins a period of apprenticeship, in which relation he must serve for a term of four years.

In order to become a candidate for the Council Examinations, the applicant must have attended two courses of lectures, comprising the following subjects, viz.:—Pharmacy, chemistry, materia medica, botany, and reading and dispensing of prescriptions; the first course at the Ontario College of Pharmacy or at any college of pharmacy or school of medicine approved of by the Council; and the second or senior course at the Ontario College of Pharmacy.

The time occupied in attending the first course of lectures only, will be credited as a portion of the term of apprenticeship.

In case any apprentice shall, by reason of the death, failure in business, or removal, of his employer, or from any other cause satisfactory to the Council, be unable to complete his term of apprenticeship with such employer, such person shall be at liberty,

when and as often as this may happen, to enter into a new contract to complete the remainder of the unexpired term with any other regularly qualified pharmaceutical chemist.

It must be borne in mind that no one is eligible to the Diploma of this College, until the age of twenty-one years has been attained; apprenticeship may, however, commence at any age.

REGULATIONS GOVERNING APPRENTICESHIP COMMENCED PRIOR TO MARCH 23rd, 1889.

Special regulations will govern all persons having commenced a term of apprenticeship prior to March 23rd, 1889 (the date of adoption of the Amendments to the Pharmacy Act of 1884), and who were duly and properly registered previous to the date mentioned.

The term of service, as apprentice, for all such, is three (3) years.

Attendance at College is not obligatory, but is *strongly urged in the interest of the apprentice*, and all who shall avail themselves of the advantages of a full Junior and Senior course, and who shall pass the Final or Council Examination, will become the recipients of a diploma of new design, which will record the fact that they have received a regular and systematic pharmaceutical education.

The student will not, however, receive credit for the time thus spent in attendance at the course of lectures, as applying to his term of apprenticeship.

In order to become a candidate for the Final or Council Examination (held in December, 1891, or May, 1892), the applicant must furnish the Registrar with satisfactory evidence of having, in pursuance of a binding contract in writing for that purpose, completed an apprenticeship under a regularly qualified pharmaceutical chemist, extending over a term of three years, and must forward to the same officer the amount of ten dollars (\$10) with an application for examination, filled out in his own handwriting, on a printed form which shall have been obtained by previous application to the Registrar.

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In case any apprentice shall, by reason of the death, failure in business, or removal, of his employer, or from any other cause satisfactory to the Council, be unable to complete his term of apprenticeship with such employer, such person shall be at liberty when and as often as this may happen, to enter into a new contract to complete the remainder of his unfulfilled term with any other regularly qualified pharmaceutical chemist.

Examinations.

MATRICULATION EXAMINATION.

SECTION I.

Applicants for admission to the lectures of either course, and who intend to obtain the diploma of the College, will be required to pass a matriculation examination, unless exempted from such examination by virtue of representing one or more of the conditions mentioned in the List of Exceptions, (*vide* Sec. ii).

The names and limits of the several branches in which matriculants shall be examined, are as follows :—

ARITHMETIC.—Reduction ; proportion, simple and compound ; fractions, vulgar and decimal ; square root.

MENSURATION.—Areas of rectilinear figures ; volumes of right parallelepipeds.

ALGEBRA.—Elementary rules ; greatest common measure ; least common multiple ; fractions ; simple equations representing one unknown quantity.

ENGLISH.—Grammar and composition.

LATIN.—Familiarity with terms used in ordinary Latin prescriptions.

The date of the Matriculation Examination will be September 4th, 1891, and will be held in the College building.

The examination will be conducted in writing, and will commence promptly at 10 a.m.

SECTION II.

EXCEPTIONS TO THE ABOVE REQUIREMENTS.

All persons who may come under one or more of the following conditions, are not required to pass the Matriculation Examination, and can matriculate by furnishing the Dean with properly authenticated certificates from the Head Master of a High School or Collegiate Institute, or from other satisfactory sources, as evidence of the qualifications prescribed, and on payment of the specified fee. The College reserves the right, however, in all cases to decline the recognition of any certificate, should there be doubt regarding the character of a diploma or certificate submitted, and subject the applicant to an examination.

The following are exempt from the examination :—

1. Apprentices whose terms of service shall have been completed by May 1st, 1891, or by such date as the Council may hereafter determine.
2. Students who have attended a previous course of lectures at the Ontario College of Pharmacy.
3. Apprentices who have passed the Preliminary Examination specified in the amended Pharmacy Act (1889).
4. Matriculants in Arts or Medicine in any British or Colonial University or College.
5. Holders of second or third class non-professional certificates issued by the Education Department of Ontario; or persons who can furnish evidence of having passed an examination at least equivalent to the general standard required for the latter.

All prospective students coming under the above exceptions must, however, register their names with the Registrar of the College, after their certificates have been duly approved by the Council; they need not appear for registration before September 7th, at 9 a.m.

JUNIOR EXAMINATION.

The Junior Examination shall be held by the members of the College staff at the conclusion of the Junior Course in December, and must be passed before the student can be admitted to the Senior Course. A Supplementary Examination will be held in January prior to the commencement of the Senior Course, for those failing to pass in December.

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Students who have attended a course of lectures at some recognised College of Pharmacy or School of Medicine, and who can submit evidence of having passed an examination at the conclusion of their studies, may, if such evidence be satisfactory to the Council, enter on the Senior Course without further examination.

This examination will be held on December 16th, 17th and 18th, and the Supplementary on January 5th and 6th.

SENIOR OR FINAL EXAMINATION.

This examination is held semi-annually by examiners appointed by the College, and must be passed before the candidate can be allowed a license to conduct business in Ontario. It shall be held commencing on the first Monday which shall not be later than a week after the close of the College in May, and on the second Tuesday in December, or at such dates during these months as the Board of Examiners may appoint.

Medals.

Five medals are offered for competition at the Senior Examination, and shall be awarded to those candidates obtaining the highest number of marks, provided the candidate receives at least 75 % of the whole number of marks for the General Proficiency Medal, and at least 75 % in the special subjects, passing in all subjects.

GENERAL PROFICIENCY, - -	COLLEGE GOLD MEDAL.
" " " - -	COLLEGE SILVER MEDAL.
DISPENSING, - - - -	D'AVIGNON MEDAL.
CHEMISTRY, (practical included)	SCOTT MEDAL.
PHARMACY, (practical included)	HEEBNER MEDAL.
MATERIA MEDICA, - - -	FOTHERINGHAM MEDAL.

The College medals are open to all candidates at the Senior Examination, the others only to students of the Ontario College of Pharmacy.

Appointment in Laboratory.

The appointment of assistant in the chemical laboratory is open to the student showing especial aptitude in that department, and the successful person shall have his fees returned for that term during which he acts as such.

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MATRICULATION OR ENTRANCE FEE, - - - \$2.00

To be forwarded with application to the Registrar by all students wishing to enter, whether by examination or certificate. It is payable once only, but in the event of failure to pass the examination it will not be returned, but the candidate shall be allowed a second examination without any further payment.

GENERAL LECTURE TICKET—

Junior Course, - - - - - \$40.00
Senior Course, - - - - - 50.00

This includes attendance on all the lectures and obligatory laboratory course; payable strictly in advance.

EXAMINATION FEE FOR DIPLOMA, - - - \$10.00

This fee must be paid for each examination, and includes the Diploma. It must be paid to the Registrar at least two weeks before the date of such examination. The charge for engrossed Diploma other than Examination Diploma shall be \$2.

DEPOSIT FEE FOR LABORATORIES, - - - \$5.00

This amount will be returned to each student at the close of the term, after having deducted loss for breakage or fines imposed.

SPECIAL LECTURE TICKET IN EACH DEPARTMENT, ———

This will be issued to such students as wish to perfect themselves in any one of the branches taught in this College.

Students who have attended full courses at the College during any term previous to that of 1887-8, will be allowed a reduction of twenty per cent. from the regular fees, and will not be required to pay the Matriculation Fee; the deposit before specified must, however, in all cases be placed in the hands of the Registrar.

SYLLABUS.

General Chemistry.

PROF. A. Y. SCOTT.

Lectures will be delivered on chemistry according to the time table (p. 7). The course will be so arranged that the student attending the full course of theoretical and practical work shall have acquired a satisfactory acquaintance with the science, and such as to enable him to do his post-graduate reading with that intelligence and relish which is the mark of a thorough student.

During the Junior Term lectures will be confined to the non-metallic elements and their compounds, and during the Senior Term to the chemistry of the metals and of the carbon compounds.

Each element and compound will be treated as far as possible in the following way:—History and discovery, occurrence, preparation, properties (physical and chemical), impurities, tests, uses in the arts and medicine, etc. No compound will be taken up until the elements composing it have been touched upon.

The object being to render this course as practical as possible, some substances will be treated more in detail and fully illustrated by experiments on the lecture table.

Special attention will be paid to those substances used in the British Pharmacopœia.

JUNIOR COURSE.

Non-METALLIC ELEMENTS.

Historical introduction, relation of chemistry to physics, general principles of the science, such as laws of chemical combination, diffusion of gases, atomic theory, nomenclature, etc. The elements and the compound of these in following order :

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Hydrogen, Chlorine, Bromine, Iodine, Fluorine, Oxygen, Sulphur, Selenium, Tellurium, Nitrogen, Phosphorus, Arsenic, Boron, Silicon, Carbon.

PHYSICS.

Lectures will be given on Saturday morning throughout the Junior Course and will embrace the following :—

Introduction, definition and properties of matter ; force ; mechanical principles ; phenomena of attraction, adhesion, cohesion, etc.

General properties and laws of liquids and gases, and the practical application of these in barometers, siphons, pumps, etc.

General properties and laws of heat, dealing with its application to everyday industries, and then with the change of state undergone by bodies, and the results which follow its application ; thermometers, engines, etc.

General properties and laws of light, mirrors, lenses, optical instruments, such as microscope, etc ; optics of human eye and photography.

Magnetism, magnets, compasses, etc.

Electricity, electrical machines and accumulation of electricity, batteries, frictional electricity, etc.

This course will be made as practical as possible, care being taken not to lose sight of the laws which underlie all natural phenomena.

SENIOR COURSE.

METALS.

The metals, metallic alloys, amalgams ; general properties, as specific gravity, melting point, crystalline form, fracture, lustre, opacity, color, ductility, conductive power of heat and electricity, atomic heat, etc.

Classification of the Metals.—Hydroxides or Hydrates, Oxides, Acids, Salts ; general properties of these.

Metals of the Alkaline Group.—Potassium, Sodium, Lithium, Rubidium, Caesium, Ammonium.

Metals of the Alkaline Earths.—Calcium, Strontium, Barium.

Metals of the Magnesium Group.—Magnesium, Zinc, Beryllium, Cadmium.

Metals of the Lead Group.—Lead, Thallium.

Metals of the Copper Group.—Copper, Silver, Mercury.

Metals of the Cerium Group.—Cerium, Yttrium, Lanthanum.

Metals of the Aluminum Group.—Aluminum, Indium, Gallium.

Metals of the Iron Group.—Iron, Manganese, Cobalt, Nickel.

Metals of the Chromium Group.—Chromium, Molybdenum, Tungsten, Uranium.

Metals of the Tin Group.—Tin, Titanium, Zirconium, Thorium.

Metals of the Antimony Group.—Vanadium, Antimony, Bismuth, Tantalum, Niobium.

Metals of the Gold Group.—Gold, Platinum, Palladium, Indium, Rhodium, Ruthenium, Osmium.

Spectrum analysis, natural arrangement of the elements, etc.

CARBON COMPOUNDS.

Historical introduction, definition of organic chemistry, nature and sources of organic compounds. Formulæ—Empirical, molecular, typical and graphic. Analysis—Elementary and proximate. Calculation of analysis and formulæ. General principles of classification of the carbon compounds—Isomerism, Metamerism, Polymerism. Physical properties, boiling point, melting point. Optical properties.

I.—FATTY COMPOUNDS.

Hydrocarbons.—Names and classification; Paraffin, Petroleum, Vaseline, &c.; manufacture of Petroleum products, uses, tests, methods of testing illuminating oils.

Alcohols.—Methyl and Ethyl Alcohols, preparation, uses, tests, fermentation changes, Fusel Oil, Wines, Liquors, etc.; Haloid Ethers, higher monatomic, diatomic and triatomic alcohols and ethers; Chloroform, Bromoform, Iodoform,

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Glycerine, Nitro-Glycerine, Fats and Soaps, Butter, Oleo-
margarine; Hexatomic Alcohols and Ethers, Carbohy-
drates, Glucoses, Sugars, Starch, Cellulose, Gums, &c.
Aldehydes.—Chloral Hydrate, Croton Chloral Hydrate,
Ketones.
Acids.—Formic, Acetic, Oxalic, Lactic, Tartaric, Citric.
Amines and Amides.

II.—AROMATIC COMPOUNDS.

GENERAL PROPERTIES:

Hydrocarbons.—Benzol, Naphthalene, Anthracene, &c.
Haloid Ethers.—Cyanogen, nitro, amido-derivatives, azo,
diazo and hydrazine compounds, sulpho-derivatives.
Alcohols and Phenols.—Carbolic Acid, Naphthol, Resorcin,
Quinone, Hydroquinones, etc.
Aldehydes and Ketones.
Acids.—Benzoic, Toluic, Salicylic, Gallic, Tannic, etc.
Terpenes.—Camphors, Menthol, volatile and essential oils.
Resins.—Balsams, Glucosides and bitter principles.
Alkaloids.—Conine, Nicotine, Opium, Cinchona, Strychnine,
etc.; bases: coloring matters and dye stuffs, aniline,
braziline, chlorophyll, etc.
Albuminoids and Gelatinous Bodies.—Albumin, Fibrin, Casein,
Globulin, Myosin, Gluten, Gelatin.
Animal Chemistry.—Bones, Blood, Gastric Juice, Bile, Milk,
Urine, etc.

Practical Chemistry.

PROF. GRAHAM CHAMBERS.

JUNIOR COURSE.

The work in this department will commence with a series of
experiments in elementary physics, including the following:—
The general effect of heat upon solids and liquids.

Determination of the melting points of solids, and the boiling points of liquids. The effect of atmospheric pressure on the boiling points of liquids.

Determination of the specific heats and latent heats of solids and liquids. Use of the calorimeter.

Determination of the specific gravity of solids and liquids, the use of the specific gravity bottle and hydrometers.

The practical chemistry will commence with a study of the elementary principles, such as use of the bunsen burner, solution, solvents, crystallization, precipitation, filtration, decantation, washings, evaporation, distillation, sublimation, fusion, deflagration.

The use of the blow pipe; parts of a gas flame, oxidizing flame, reducing flame.

Elements of blow pipe analyses; formation of beads on loop of platinum wire; glass working and blowing.

The preparation, properties, and reactions of the so-called non-metallic elements: Hydrogen, Chlorine, Bromine, Iodine, Oxygen, Sulphur, Nitrogen, and Phosphorus. The study of the properties and reactions of the inorganic acids.

Systematic course for the separation of the inorganic acids.

SENIOR COURSE.

Study of the properties and reactions of the metals and their compounds.

Classification of the metals into groups and detection and separation of the metals in each group.

Considerable time will be given in aiding the student to become proficient in determining the composition of unknown simple salts, and detecting the impurities commonly found in them.

Systematic course for the detection and separation of more frequently occurring organic acids.

The following organic compounds will be studied in detail:—Ethyl Alcohol, Ethyl Nitrate, Sulphuric Ether, Acetic Ether, Chloroform, Chloral Hydrate, Cane Sugar, Grape Sugar, Milk Sugar, Starch, Benzine, Carbonic Acid, Resorcin, Aniline, Anti-febrin, Exalgine, Oil of Wintergreen, Salol, Betol, Salicin, Naphthol, Naphthalene, and Antipyrin.

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Quantitative Analysis.—Principles of the gravimetric process, and of volumetric analysis; preparation of standard solutions; practical application of these solutions in the estimation of the strength of some of the British Pharmacopoeia preparations.

Analysis of Potable Waters.—Standards of purity; qualitative examination of mineral waters.

Urinary Analysis.—Detection of Albumen, Mucin, Sugar, Phosphates, Bile Acids, etc.

Quantitative Estimation.—Of Sugar and of Urea.

Toxicology.

PROFESSOR CHAMBERS.

Definition of a poison. Classification of poisons.

Each poison will be discussed as to its dangerous and probable fatal dose; symptoms of poisoning, antidotes, treatment and detection.

The action of some of the more common poisons will be illustrated practically by experiments on lower animals.

The practical work will be taken up during the hours assigned to practical chemistry, and will include the following :—

Systematic course for the detection and separation of inorganic poisons.

The study of the properties and reactions of organic poisons, including the Alkaloids and Ptomaines.

Methods for the detection of poisonous Alkaloids.

Especial reference will be given to the methods of extraction of poisons from organic substances, such as occur in ordinary toxicological analysis.

Theory and Practice of Pharmacy.

PROF. CHAS. F. HEEBNER.

JUNIOR COURSE.

Lectures in the Junior Course will be delivered according to time table.

After an introductory lecture on the outline history of Pharmacy and the Pharmacopœia, and a consideration of text books and works of reference of service to the pharmacist, the following subjects will be considered, viz. :—

Metrology.—Weight, weighing, systems of weights in use ; the balance, its construction, verification, care and use ; the metric system ; measures, imperial, wine and metric.

Specific Gravity.—And methods for determination in connection with both solids and liquids. Hydrostatic balance ; specific gravity bottles ; hydrometers ; loaded cylinder, etc.

Specific Volume.—Its use and practical application. Rules for averaging mixtures.

Botanical Drugs.—Collection, desiccation, curing, garbling, tests for quality, etc.

Mechanical Sub-division of Drugs.—Comminution, contusion, trituration, grinding, levigation, separation of powders, sifting, elutriation, degrees of fineness.

Heat.—Its determination, sensible and latent heat ; thermometers, their construction ; comparison of thermometric scales ; sources of heat and its uses in pharmacy ; combustion of solids, liquids, and gases in the great variety of heating apparatuses ; bunsen burner ; blow-pipe ; crucible ; methods for equalizing and controlling heat ; baths, water, saline, steam, oil, glycerin, paraffin, hot-air, sand, card-teeth, etc.

Processes Requiring a High Heat.—Sublimation, ignition, incineration, calcination, de-hydration, fusion, torrefaction, roasting, reduction, deflagration, oxidation, carbonization.

Solution.—Simple, chemical, complex, saturated, super-saturated, circulatory displacement, solvents.

Dialysis.—Construction of dialyser, osmosis, endosmosis, exosmosis, crystalloids, colloids, etc.

Cohabitation.—Digestion, infusion, decoction.

Maceration.—Expression, percolation, brief history and theories, principles involved, form of percolators, requisites for satisfactory percolation to exhaustion, re-percolation, lixiviation.

Filtration.—Various filtering media with their general and specific uses; methods of conducting filtration; rapid filtration by use of pressure, aspirator, or vacuum pump; hot filtration; colation.

Clarification.—Methods as applied to various typical liquids; decolorization; deodorization.

Decantation.—The siphon and its uses; various kinds of siphons, guiding-rods, etc.

Vaporation.—Ebullition, evaporation, conditions affecting the process, spontaneous evaporation, evaporation *in vacuo*.

Distillation and its Uses.—Simple, fractional, and destructive distillation; structure and method of employing the various forms of distillatory apparatus applicable to the chemical and pharmaceutical processes of the Pharmacopœia.

Crystallization.—Methods for effecting; water of crystallization; size of crystals; granulation; crystallography; deliquescence; efflorescence.

Precipitation.—Objects and uses; separation, washing, drying, and weighing of precipitates; decantation.

Gases.—Their generation, purification, collection, and absorption.

SENIOR COURSE.

Senior Lecture Course.—Lectures will be delivered on Wednesdays and Saturdays at 10 o'clock a.m. The subject matter of the lectures of the Senior Session will be divided into two heads, namely, inorganic and organic drugs, and will embrace a careful study of every important Galenical preparation, whether official or unofficial, giving the methods of preparation, physical characteristics, internal structure, reactions, impurities, adulterations, and sophistications of each, which will be considered in detail.

One of the special features of this course will be the study of incompatibility, as viewed from chemical, pharmaceutical and physiological standpoints.

The mode of teaching which educates the mind through impressions made on the eye, is now universally regarded as one of the most effective means of imparting knowledge. Through both courses this kind of instruction will be largely used; and the syllabic tables, drawings on cloth in colors, reactions, tests, views, etc., projected upon the screen by means of the oxy-hydrogen lantern, will, it is believed, add greatly to the usefulness and interest of the lectures.

Practical Pharmacy, Pharmaceutical Chemistry.

PROFESSOR CHAS. F. HEEBNER.

The value of theoretical instruction and lecture demonstration depends largely upon the opportunities which the individual student may have of applying the knowledge so gained. Many disappointments and failures in manipulation result wholly from lack of practical experience.

Great importance is attached to manipulative or technical skill, and, recognizing the difficulties which stand in the way of its attainment during the ordinary course of apprenticeship in the average drug store, it has been determined to make the instruction in the Pharmacal Laboratory of a thorough and practical kind.

To this end, work of an entirely practical nature has been selected for the laboratory exercises, including operations which, while typical of a class, can also be profitably repeated on a commercial scale with the apparatus and facilities which should be found in every retail establishment. The course has been arranged systematically upon this basis, keeping in mind the necessity of commencing with the more elementary general operations, and teaching correct methods of executing them, and proceeding to the more difficult.

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The College places great emphasis on the practical value and importance of the laboratory work, and regular and punctual attendance on the part of the students is demanded. The manipulations will be performed by the students, individually, under the guidance of the Director, by whom the work done will be accurately rated.

A deposit of five dollars will be required from each student at the commencement of the laboratory course, to cover all breakage, damage or waste. The balance not so expended will be returned to the student at the expiration of his term. At any time, however, when the breakage, etc., shall exceed the above amount, a new deposit will be required.

Re-agents, drugs and other material will be free to the student.

It is intended that each student shall receive individual instruction, and to this end the class is divided into two sections.

Section 1 will meet on Monday and Friday mornings at ten o'clock, and Section 2 on Tuesday and Thursday at the same hour.

Before proceeding with the practical work, a short lecture will be delivered explaining in detail the various steps of the manipulatory exercise about to follow; the difficulties which will be likely to present themselves will be noticed, and the methods of overcoming them explained.

JUNIOR LABORATORY COURSE.

This Course includes practical work in weighing, measuring, specific gravity, standardizing of thermometers, making specific gravity bottles, and the manufacturing of pharmacopoeial chemicals or preparations, illustrating one or more of each of the pharmacal processes described in the didactic course, including the following:—Solution, precipitation, decantation, filtration, clarification, crystallization, dialysis, circulatory displacement, evaporation, sublimation, distillation, maceration, digestion, percolation, re-percolation, ignition, oxidation, calcination, fusion, carbonization, etc.

SENIOR LABORATORY COURSE.

Besides giving due consideration to those pharmacal preparations which can be properly and profitably prepared by the retail pharmacist, particular pains will be taken to instruct the student

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how to prepare many pharmaceutical chemicals and elegant preparations which he has not ordinarily the opportunity to learn to make in a retail store. The Course will be completed by giving each student a thorough drill in the art of reading, recognising incompatibles, and compounding and dispensing physicians' prescriptions. Metrical prescriptions will receive full consideration. The class will be instructed in the preparation of Chemical Solutions, Chemical Syrups, Spirits, including the Spirit of Nitrous Ether, Ether, Iodoform, etc.; Masses and Pills, also coating of Pills; Capsules, Suppositories, Cerates, Ointments, Plasters, Emulsions, Scale and Crystal Salts of Iron, salts of various metals and their purification, Organic and Inorganic Acids, Alkaloids, Resins, Collodions, Oleates and Oleo-palmitates, etc. Cinchona, Opium, Jalap, Scammony, Nux Vomica, Pepsin, and other drugs will be assayed.

Prescriptions and Dispensing.

PROFESSOR CHAS. F. HEEBNER.

All of the instruction in the above branches, with the exception of a few preliminary lectures on the Prescription, will be given in the Pharmacal Laboratory during both Junior and Senior Courses.

The instruction will be wholly practical, and considerable time will be devoted to extemporaneous pharmacy; modern appliances in pharmacy will be presented and explained, incompatibles and decompositions will be thoroughly considered, and the compounding of prescriptions will receive the careful consideration which the subject demands.

The following topics are included:—

Solutions and Mixtures.—Simple solutions, chemical solutions, temperature, utensils to be used, order of mixing, measuring, bottling, corking, labelling, capping, etc.

Pills.—Active ingredients and excipient, class of preparations properly dispensed as pills, choice and preparation of

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excipient, massing, rolling, cutting, rounding, finishing and coating; shape of pills: globular, ovoid or lenticular; incompatibles.

Emulsions.—Theory of emulsification, rules for perfect and permanent compounds of this class, emulsions of fixed oils, English and Continental methods, emulsions of volatile oils, resins, gum-resins, oleo-resins, wax, wool fat, camphor, etc.; emulsifiers: comparison and preparation, flavoring, etc., saponification.

Dispensing of Powders.—Trituration, dilution, sifting, dividing, folding, boxing, labelling, etc., hygroscopic powders, preparation of substances for admixture, decompositions, explosive mixtures.

Suppositories.—Sizes and shapes made by hand and by mould, both hot and cold; bases, instructions for special kinds of medicaments, tannic acid, alkaloids, extracts, liquids, salts, etc., bougies.

Ointments and Cerates.—Bases, hot and cold methods, preparation of ingredients for incorporation, elements, salts, liquids, extracts, powders, etc., masking of odorous ingredients, dispensing, labelling, etc.

Troches.—Bases, massing, rolling, dividing, drying, boxing, preservation, use of solid and liquid ingredients.

Plasters and Plaster Spreading.—Forms of plasters for various uses, border, cutting shape, spreading with hot iron, blisters.

Cachets.—Mixing ingredients, dividing, use of cacheteur.

Capsules.—Preparation for use with solids or liquids, closing.

Reading of Autograph Prescriptions.

Incompatibilities.—Including such as are likely to arise in every day practice, as well as those which are less common.

Botany.

PROFESSOR A. Y. SCOTT.

JUNIOR COURSE.

For time of lectures see time table (page 7).

In this Course the object will be to make the lectures as practical as possible. Each student will find it to his advantage to procure the text books recommended, and following the directions therein given as to collection of plants, to make and preserve before and during the session as large an assortment as possible of ordinary flowers, roots, leaves, etc., for examination during the term.

After defining the subjects, the following divisions will be considered :

I. *Organography*—Or the branch which treats of the organs by which the plants do their work.

1. *Organs of Vegetation*.—Root, Stem, Leaf, Plant Hairs or Trichomes, Branching.
2. *Organs of Reproduction*.—Introduction, Anthotaxy, Prefloration or Æstivation, Flower, Pollination, Fertilization, Fruit, Seed.

II. *Vegetable Histology*—Or the branch which treats of the minute structure of the plant. Cell—Its Contents, Wall-formation, etc. Tissues. Histology of the Root, Stem, Leaf and Floral Organs.

SENIOR COURSE.

III. *Vegetable Physiology*—Or the branch which treats of the functions of plants, etc. Comparison of Plant and Animal, Protoplasm, Constituents and Food of Plants, Absorption, Assimilation, Metastasis, Influence of Temperature and Light, Parasites, Saprophytes, Movements, Locomotion, Irritability, Heliotropism, Geotropism, etc., Reproduction and Death.

IV. *Vegetable Taxonomy*—Or the naming, classifying, and account of the life histories of plants.

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The Linnæan and natural systems of classification will be compared. The Cryptogams will then be considered as to their Structure, Modes of Growth, Reproduction, etc. Phanerogams will be taken up, special attention being paid to the following orders:—

Ranunculaceæ, Cruciferæ, Leguminosæ, Rosaceæ, Umbelliferæ, Compositæ, Lobeliaceæ, Labiataæ, Solanaceæ, Polygonaceæ, Lupuliferæ, Orchidæ, Iridacæ, Liliaceæ, Smilacæ, Cyperaceæ, Graminaceæ, Coniferæ, Filices, Fungi, Algæ, Lichenes. Practical examination illustrating knowledge of anatomy of specimens of fresh plants.

Latin, Materia Medica, Posology, Microscopy, and Pharmacognosy.

PROF. J. T. FOTHERINGHAM.

JUNIOR COURSE.

1. *Latin and Prescription Writing*.—A review of the Principia Latina, to the extent necessary for the proper understanding of the construction and terminology of the classical prescription; abbreviations and directions, with meanings; exercises in reading and writing Latin prescriptions.
2. *Microscopy*.—The construction of the Microscope, technique, care of instruments, section cutting, staining fluids, mounting media, &c.

Microscopy will be taught mainly in connection with the lectures and demonstrations in Pharmacognosy and Botany, that didactic explanations and descriptions may be aided, as they should always be, by practical demonstration of the objects studied. Plant histology, vascular systems, cells, starches and other tissues, will be demonstrated. The use of the Microscope will be taught in detecting ordinary adulterations and foreign

matters, as starch, grains, turmeric, fragments of wool, feathers, carbon particles, atmospheric impurities, &c.

Each student is provided with Microscope, reagents, and staining and mounting media. He should provide himself with dissecting needles, lifter and pocket lens; and, if he desire to mount permanent specimens, with his own slides and cover-glasses, to be obtained at wholesale rates in the College.

3. *Posology*.—*General Principles*.—The physiological principles governing dosage; modes of administration, by skin, mouth, &c.; absorption, systemic effects, therapeutic and poisonous, antidotes. Therapeutic terms and definitions so far as necessary for the fully qualified druggist. Specific list of doses, in addition to the naming of the dose in the lectures on *Materia Medica*, under the head of each drug as its preparations are named.

4. *Pharmacognosy*.—In the Junior Course the identification, by careful inspection and examination, of typical specimens of the important crude organic drugs, vegetable and animal.

SENIOR COURSE.

4. *Pharmacognosy*.—In this term the study of this subject will blend with the instruction in *Materia Medica*, and with that given in Microscopy in the Junior Course. It will imply a closer enquiry into the names and synonyms, source and habitat, mode of cultivation, collection and preparation, adulterations and substitutions. While still practical in character, the Senior Course in this subject will be more didactic than the Junior.

The student must be provided with a good geographical atlas to facilitate his study of the source and habitat of the various *Materia Medica*. The *Pharmacopœia* should be used in the demonstrations, that each plant, as identified, may be examined and described in the technical language of the text book. The effect of this in securing accurate habits of observation and description cannot but tell markedly upon the student's botanical studies, and ensure his greater thoroughness in the detection of sophistications and substitutions.

5. *Materia Medica*.—
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Bulbs, R
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Gums, R

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The lectures
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5. *Materia Medica*.—The unsophisticated drugs of animal and vegetable origin will be studied, both by botanical orders and in groups differentiated by organic and physical distinctions. Thus drugs of animal origin will be first studied. Then those of vegetable origin: Roots, Tubers, Bulbs, Rhizomes, Stems, Woods, Barks, Leaves, Seeds, Fruits, Herbs. Then those without cellular structure: Gums, Resins, Oils, etc.

As each drug is taken up, notes will be given upon its natural order, names (official and common), source and habitat, mode of cultivation, collection, preparation and part used, description, constituents and active principles, medicinal properties, preparations and doses, incompatibilities, adulterations and substitutions and their detection.

The lectures will be illustrated by the display of specimens and botanical plates, and thus, as already indicated, Pharmacognosy and *Materia Medica* be properly associated.

Text Books.

Of the following list of text books those printed in italics should be provided by the students for their own use, the others will be found valuable aids to those students who wish to extend their reading over a larger field. The more expensive of these will be found in the College library, which has, during the present vacation, been added to the equipment of the College.

CHEMISTRY.

Fowne's Manual of Chemistry, Roscoe's Lessons in Elementary Chemistry (last edition), Madan Wilson's Inorganic Chemistry, Attfield's Chemistry, Remsen's Advanced Course of Inorganic Chemistry, Remsen's Organic Chemistry, Roscoe & Schorlemmer's Chemistry (eight volumes), Hoffman & Powers' Examination of Medicinal Chemicals.

PHYSICS.

Balfour Stewart's Elementary Physics, Ganot's Physics, Peck's Ganot's Physics, Miller's Chemical Physics.

PRACTICAL CHEMISTRY.

Jones' Practical Chemistry, Douglas & Prescott's Qualitative Analysis, Fresenius' Qualitative Analysis, Fresenius' Quantitative Analysis, Taylor's Medical Jurisprudence.

BOTANY.

Spotton's High School Botany, *Bastin's College Botany*, Bessey's Botany, Gray's Lessons of Botany, Gray's Structural Botany, Sach's Physiological Botany.

PHARMACY.

Remington's Practice of Pharmacy (1890), *British Pharmacopœia* (last edition), *Squire's Companion* (1890), *Aids to Dispensing*, *Pereira's Prescription Book*, Heebner's Manual of Chemistry, and Pharmaceutical Chemistry.

Maisch's Mate
Dispensatory (188

PHARM

Poulsen's Mic
of Pharmacognos
Botany.

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MATERIA MEDICA.

Maisch's Materia Medica, Pereira's *Materia Medica*, National Dispensatory (1886).

PHARMACOGNOSY AND MATERIA MEDICA.

Poulsen's Micro-Chemistry, Flückiger & Tschirch's *Principles of Pharmacognosy* (Powers' Translation), Goodale *Physiological Botany*.

For the Guidance of all Students.

1. Preliminary examination, accepted certificate, see page 17.
2. All fees and deposits are payable to the Registrar strictly in advance.
3. On signing the roll, subscribing to the rules of the College, and producing receipts for fees paid, he will receive from the Registrar a general lecture ticket, which must be preserved so that attendance may be certified to at the close of the session by the Dean.
4. Students are particularly requested to be in attendance at the commencement of the course.
5. Choice of seats in Lecture Rooms and of sections in the Laboratories will be according to precedence of names on the College Roll. Junior term students may secure their seats for the senior term by leaving a deposit with the Registrar. The attention of those students who may have already paid for two courses is directed to the necessity of applying to the Registrar for choice of seats, as in the case of other students of the Senior Course.
6. Every student, during the term, must attend at least three-fourths of the lectures and laboratory work in each subject, unless exempted on account of sickness or some other satisfactory cause (by the Council). No ticket for attendance on lectures will be signed unless these conditions are complied with.
7. Instead of a roll call, a student will be marked absent whose chair or section is vacant or occupied by some other person ;

students will not be allowed to exchange their seats or sections without formal application to the Registrar.

8. Quiz classes will be arranged for by the Faculty after the work of the session has begun.

9. All material required for the economical working of the test processes in the laboratories, or in the manufacture of preparations, will be furnished by the College without charge, but any student using an excessive amount of reagents, etc., provided by the College, or breaking or damaging the apparatus of the laboratory, will have the same deducted from his deposit fee, and in case this should be exceeded, the deficit will require to be paid before an examination can be tried or his tickets certified to.

10. Candidates must pass in all subjects of the Junior Course before entering the Senior. At the first Senior Examination the six subjects:—Practical Dispensing, Reading and Translating Prescriptions, Chemistry, Pharmacy, Materia Medica, and Botany, must be taken, but any candidate who obtains sixty-six per cent. in each of four subjects, shall be deemed to have passed in these subjects, and has the option at any future examination of taking all or only the subjects in which he has failed, but in the latter case he will be required to take sixty-six per cent. in each subject and will not be entitled to either prizes or honors.

11. Each candidate must receive sixty-six per cent. on the aggregate and at least fifty per cent. on each subject.

12. Application for admission to write on any examination must be made to the Registrar at least two weeks before the date set for the commencement of such examination. Forms of application will be supplied by the Registrar.

13. No diploma will be granted to any candidate who has not attained the age of twenty-one years, or who may not have had the necessary experience, but a certificate of examination will be granted, which may be subsequently exchanged for a diploma, provided the candidate has fulfilled all other conditions.

BOARDING HOUSES.

14. Board and lodging may be readily obtained in close proximity to the College, at rates ranging from \$3.00 upward per week. A fair average is \$3.50 per week, and most students would need

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15. All corre
Registrar-Treasur
Dean of the Colle

accommodations such as would cost that much at least. The Janitor at the College buildings can provide enquirers with a list of addresses of suitable lodging-places on their arrival in the city.

CORRESPONDENCE.

15. All correspondence must be addressed to I. T. Lewis, Registrar-Treasurer, who, if necessary, will communicate with the Dean of the College.



Examinations, 1891.

PRIZEMEN.

COLLEGE GOLD MEDAL—C. A. Yates, Goderich.

COLLEGE SILVER MEDAL—G. J. Sadler, Ottawa.

SHUTTLEWORTH GOLD MEDAL—C. A. Yates, Goderich.

D'AVIGNON GOLD MEDAL—G. J. Sadler, Ottawa.

AVISON GOLD MEDAL—R. Baxter, Windsor.

HONOR LIST—IN ORDER OF MERIT.

Reid, R.	Allen, J.	Elliot, W.
Meek, W. H.	Sylvester, W.	McIntyre, W. A.
Bletcher, A. T.	Gregory, W. H.	Kilgour, E. B.
Brown, T. K.	Ruby, C.	Stuart, J. A.
McIntyre, J.	Brethour, A. E.	Sweeney, T. A.
Hartman, W. N.	Hill, J. K.	Hookway, W.
Braithwaite, W. F. C.	Mackenzie, W. J. H.	Moyer, A. B.
	Thomson, H. W.	Clark, C. W.

Abbot, A. C. Ell
Armour, W. C. Fr
Ball, E. W. Gil
Brough, J. Ha
Campbell, G. W. H
Carpenter, E. M. H
Cherry, W. J. H. Je
Davis, R. A. K
Dunlop, A. H. Li

Armstrong, R. S. D
Cook, C. A. E
Daniel, W. F
Davidson, D. F
Dennis, J. H. F

Armstrong, R. S. I
Cook, C. A. I
Daniel, W. I
Davidson, D. I

Dennis, J. H.
Duncan, H.

Deverell, A. D.
Eakin, H. P.

Armstrong, R. S.
Cook, C. A.
Daniel, W.
Davidson, D.

Armstrong, R. S.
Cook, C. A.
Daniel, W.
Davidson, D.

PASS LIST.

Abbot, A. C.	Elliot, H.	Lynch, J.	Sangster, J. E.
Armour, W. C.	Freer, B. J. E.	Macdonald, G. S.	Smith, R. H.
Ball, E. W.	Gilchrist, R. H.	McDougall, W. C.	Stickney, E. W.
Brough, J.	Hall, M. D.	McMaster, A.	Stone, W. S.
Campbell, G. W.	Hamilton, A. L.	O'Connor, H. B.	Walley, F. G.
Carpenter, E. M.	Horton, H. G.	Peaker, G. A.	Watterhouse, D. G.
Cherry, W. J. H.	Jepson, J. J.	Reid, W. H.	
Davis, R. A.	Keays, J. E.	Rogers, W. H.	
Dunlop, A. H.	Latimer, W.	Rose, M. C.	

PASSED IN DISPENSING.

Armstrong, R. S.	Duncan, H.	Meyers, H. M.	Sutherland, J. K.
Cook, C. A.	Eakin, H. P.	Proctor, H.	Warren, H. H.
Daniel, W.	Fraser, W. J.	Rogers, H. J.	Hoag, F. J.
Davidson, D.	Hall, R. B. C.	Sharp, W. R.	
Dennis, J. H.	Hagyard, F. C.	Sherk, M. G.	

PASSED IN PRESCRIPTIONS.

Armstrong, R. S.	Deverell, A. D.	Fraser, W. J.	Sharp, W. R.
Cook, C. A.	Dennis, J. H.	Meyers, H. M.	Sherk, M. G.
Daniel, W.	Duncan, H.	Proctor, H.	Sutherland, J. K.
Davidson, D.	Eakin, H. P.	Rogers, H. J.	Warren, H. H.

PASSED IN CHEMISTRY.

Dennis, J. H.	Hagyard, F. C.	Proctor, H.	Warren, H. H.
Duncan, H.	Miller, R. N.	Sharp, W. R.	

PASSED IN PHARMACY.

Deverell, A. D.	Fraser, W. J.	Hagyard, F. C.
Eakin, H. P.	Hall, R. B. C.	Miller, R. N.

PASSED IN MATERIA MEDICA.

Armstrong, R. S.	Deverell, A. D.	Hall, R. B. C.	Rogers, H. J.
Cook, C. A.	Dennis, J. H.	Hagyard, F. C.	Sherk, M. G.
Daniel, W.	Eakin, H. P.	Miller, R. N.	Sutherland, J. K.
Davidson, D.	Fraser, W. J.	Meyers, H. M.	Riddell, W. C.

PASSED IN BOTANY.

Armstrong, R. S.	Deverell, A. D.	Meyers, H. N.	Sherk, M. G.
Cook, C. A.	Duncan, H.	Proctor, H.	Sutherland, J. K.
Daniel, W.	Hall, R. B. C.	Rogers, H. J.	Warren, H. H.
Davidson, D.	Miller, R. N.	Sharp, W. R.	

Ontario College of Pharmacy.

LIST OF STUDENTS

FROM APRIL 4, 1882, TO MAY, 1890.

NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring
Abbs, J. A.	Port Perry	W. Saunders & Co.	1884	
Abbot, A. N.	Toronto	C. A. Mitchell	1882	
Abbot, D.	Ottawa	J. Skinner & Co.	1885	1886
Abbott, G. A.	Comber	Dr. R. H. Abbott	1886	1887
Allan, J. A.	Adolphustown	Michigan University		1882
Allan, J. R.	Ottawa	John Roberts	1889	1890
Allen, Aylsford	Port Elgin, N.B.	E. M. Estey	1888	
Allin, A.	Whitby	G. E. Gibbard	1889	1890
Anderson, J. S.	Guelph	Herod & Co.		1882
Arkell, F. E.	Elora	W. Henderson		1882
Armstrong, Frank	Lyn	Jas. Findlay	1889	1890
Armstrong, G. H.	Kingston	A. J. Fisher	1886	1887
Ashton, W.	Aurora	W. E. Hammill, Mt Alb't		87-89
Avison, O. R.	Almonte	M. Patterson		1884
Austin, J. A.	Parkdale	G. W. Mingay	1886	1886
Baitram, W. H.	Arkona	G. M. Everest	1887	1888
Baker, C. O.	Stratford	W. T. Strong, London		1886
Baker, T.	Waterdown	J. D. McGeorge		1887
Baldwin, H.	Sunderland	Fead Bros., Cannington		1887
Ball, A. W.	Millbrook	A. Leach	82-85	
Bannon, J.	Flesherton	W. Griffin, Dundalk	85-86	
Barkwill, W. S.	Durham	H. Parker		1883
Barr, Wilson	Hamilton	J. A. Barr & Co.	1888	1889
Bawden, P.	Exeter	Dr. C. Lutz	1883	
Baxter, B. B.	Toronto	S. W. Johnston		1885
Baxter, R. J.	Cayuga	J. Baxter, M.D.	88-89	89-90
Belanger, M. A.	Ottawa	H. F. McCarthy	1889	1890
Bell, J. N.	Teeswater	R. N. Thurtell		1883
Bell, R. J.	Toronto	B. Jakes		1883
Benson, J.	Toronto	C. A. Mitchell		1882
Bently, I. McP.	Newmarket	Dr. Bently		83-84
Berry, W. G.	Millbrook	A. Leach	1883	
Beynon, F. C.	Brampton	R. H. Hodgson		1883

NAME.

Bilton, G. E.	S
Bingham, G. A.	T
Bingham, J. R.	T
Bird, C. A.	L
Birks, J. F.	P
Bleeker, D. J.	E
Bolster, W. G.	L
Bone, F. C.	S
Book, Mary H.	N
Boothe, W. W.	T
Booth, W.	A
Botham, T. A.	T
Boulter, T. E.	I
Bower, C. A.	I
Bowes, Cyrus A.	I
Boyd, D. D.	I
Boyle, E. W.	I
Bradner, A. D.	I
Bray, J.	I
Brehner, R. W.	I
Breese, W.	I
Bridgeland, H. B.	I
Brillinger, G. D.	I
Brooks, E.	I
Brown, F. R.	I
Brown, G. G.	I
Brown, Jas.	I
Brown, M. S.	I
Brown, T. F.	I
Brown, W. G.	I
Brown, W. H.	I
Bunting, John	I
Burgess, F.	I
Burgess, H. W.	I
Burkholder, J. F.	I
Byers, G.	I
Byrne, S. A.	I
Cairns, H. J.	I
Camahan, W. J.	I
Cameron, W. J.	I
Campbell, A. A.	I
Campbell, J. E.	I
Campbell, Robert	I
Campbell, R. W.	I
Caughill, P. A.	I
Carney, F. W.	I
Carson, W. G.	I
Casselman, E.	I
Cattle, W. E.	I
Chambers, G. A.	I
Chambers, R. W.	I

NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring
Bilton, G. E.	Stratford	C. N. & J. E. Nasmythe	1883	
Bingham, G. A.	Toronto	J. F. Williams		1882
Bingham, J. R.	Toronto	J. R. Lee		1886
Bird, C. A.	London	B. A. Mitchell		1882
Birks, J. F.	Prescott	G. Birks	1886	
Bleecker, D. J.	Belleville	L. W. Yeomans & Co.	1888	1889
Bolster, W. G.	Lancaster	T. Bolster		86-88
Bone, F. C.	St. Catharines	A. J. Greenwood	1884	
Book, Mary H.	Niagara Falls South.	Dr. E. E. Book	1887	87-88
Boothe, W. W.	Trenton	W. T. Barker		1882
Booth, W.	Almpte	Dr. J. G. Baird	1888	1889
Botham, T. A.	Toronto	F. Brendon, Brantford		1887
Boulter, T. E.	Hagersville	Dr. Smith, Hamilton..		1884
Bower, C. A.	Perth	Bower Bros.	1884	1885
Bowes, Cyrus A.	Bolton	J. W. Cull	88-89	1890
Boyd, D. D.	Milton	Madill & Hoar, Toronto	1885	
Boyle, E. W.	Brampton	C. Stork & Son		1884
Bradner, A. D.	Hamilton	L'ingstone & Co., Simcoe	1886	
Bray, J.	Ottawa	E. D. Martin		1882
Brebner, R. W.	Sarnia	Dr. A. Scott, Forest ..	1886	
Breese, W.	Chatsworth	J. W. Elliot	1886	
Bridgeland, H. B.	Bracebridge	Dr. Bridgeland		1882
Brillinger, G. D.	Collingwood	C. M. Morgan		1888
Brooks, E.	Toronto	W. R. Steward		1885
Brown, F. R.	Bowmanville	Stott & Jury	1888	1882
Brown, G. G.	Owen Sound	Lang Bros.		1890
Brown, Jas.	St. Catharines	J. R. Seymour	1889	
Brown, M. S.	Delta	J. M. Sinclair	1887	
Brown, T. F.	Keenansville	J. R. Bond		1882
Brown, W. G.	Hamilton	Garland & Rutherford.		1882
Brown, W. H.	St. Thomas	G. B. McCullough ..		1883
Bunting, John	Toronto	Dr. L. Bentley	1888	
Burgess, F.	Toronto	R. Robinson		1882
Burgess, H. W.	Toronto	F. T. Burgess	1889	1890
Burkholder, J. F.	Stouffville	S. W. Johnston, Toronto		1885
Byers, G.	Hagersville	S. W. Howard	1887	1888
Byrne, S. A.	Toronto	Dr. C. J. Hastings ..		1887
Cairns, H. J.	Perth	D. Munro & Co.	1886	1887
Camahan, W. J.	Meaford	McCarroll & Ellis ..	1888	1889
Cameron, W. J.	Hamilton	Geo. L. Scott	1888	1889
Campbell, A. A.	Hamilton	J. H. Clark		1882
Campbell, J. E.	Warton	John M. Manley	1889	
Campbell, Robert	Sydney, C.B.	J. T. Wright	1889	1890
Campbell, R. W.	Toronto	W. S. Robinson		1886
Caughill, P. A.	St. Thomas	W. O. Foster & Co.		1884
Carney, F. W.	Owen Sound	D. A. Cameron & Co.	1887	1888
Carson, W. G.	Port Hope	G. A. Mitchell		1882
Casselman, E.	Chatham	H. C. Hall		1882
Cattle, W. E.	Goderich	G. Rhynas		1887
Chambers, G. A.	Ingersoll	J. W. Browett	1889	
Chambers, R. W.	Millbrook	J. B. Smith		1887

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1890.

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..	83-84	
..	1883	
..	1883	

ONTARIO COLLEGE OF PHARMACY

NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring
Chapman, R. A.	Toronto	W. J. Urquhart	1889	1890
Childs, H. J.	London	E. W. Boyle	1889	1890
Chisholm, J. H.	Wingham	Dr. Chisholm	1887	
Chandler, V. H.	Owen Sound	D. A. Cameron & Co.	1883	
Clapsattle, H. D.	Brantford	D. S. Sagar		1887
Clark, T. M.	St. Mary's	W. H. Gilpin	1886	
Clark, G. E.	Gravenhurst	G. Tolen	1886	
Clarke, F. C.	Belleville	J. Clark	1887	
Clarke, H. W.	Woodstock	W. A. Karn		1888
Clarke, W. G.	Woodstock	W. A. Karn		1887
Coates, J.	Mitchell	J. W. Cull	1882	
Cochrane, J.	Kingston	A. P. Chown	1886	
Coldwell, R. A.	Lakefield	T. J. Bird	1886	
Cole, E. E.	Niagara Falls	R. P. Skinner		1883
Coleman, F.	Hamilton	H. S. Case		1887
Collie, S. J.	Woodstock	W. A. Karn		1883
Colling, J. H.	Lowville	McGregor & Parke	1889	1890
Colvin, A. R.	Teeswater			1887
Conger, F. H.	Belleville	R. Templeton	1883	
Conger, L. J.	Belleville	R. Templeton	1885	
Conger, L. J.	Toronto	H. Sherris		1886
Conger, Jos.	Picton	H. W. Branscombe	1889	1890
Congram, A.	Lucknow	Dr. Tennant	1886	
Cooke, A. S.	London	W. T. Strong	1883	
Cook, W. V.	Welland	H. W. Hobson		1882
Cooke, H. B.	Dresden	E. Miller & Co.		1884
Coombe, H. B.	Clinton	J. H. Coombe		1885
Coombe, J. A.	Clinton	J. H. Coombe	1882	
Cooper, T. C.	Welland	J. H. Bugar		1886
Copeland, R.	Lucknow	G. A. Sheppard		1882
Corrigan, J. E.	Hamilton	Harrison Bros.	1885	
Cote, Louis V.	Oakville	R. C. Balmer	1888	
Couen, C. H.	Toronto	J. R. Lee	1886	
Coulson, J. F.	Orillia	R. Weir, Toronto	1887	1888
Cowper, J. A.	Welland	J. H. Bugar		1886
Cox, J. V.	Lakefield	S. Henderson	1887	1888
Cranfield, E. S.	Stayner	W. B. Sanders	1887	1888
Crease, H. G.	Barrie		1889	
Cremer, C.	Orillia	J. R. Lee, Toronto	1889	
Crowe, W.	Truro, N.S.	W. F. O'Dell	1889	
Croy, P. R.	Ottawa	M. A. Lloyd	1886	
Cruse, B.	Almonte	M. Patterson	1886	
Cryderman, S. M.	Walkerton	C. W. Cryderman	1888	
Cryderman, C.	Toronto	Dr. Ogden	1886	1886
Crysler, R.	St. Catharines	W. W. Greenwood		1886
Culbert, C. G.	Ottawa	E. D. Martin	1889	1890
Currie, H.	Picton	E. W. Case		1883
Cummins, J.	Ottawa	Dr. K. D. Graham	1885	
Curry, I.	Toronto	J. R. Lee	1884	1884
Curry, J. C. G.	Toronto	W. C. Niblett, Dundas	1889	
Darlington, A. G.	Chicago, U.S.A.	Higginbotham & Son, Bowmanville		1887
Davidson, Dickson ...	Peterborough	Ormond & Walsh	1889	

NAME.	
Davidson, G. W. W.	Har
Davidson, W. J.	Aur
Davies, F. de C.	Cha
Dawson, A.	Tor
Days, H.	Luc
Deachman, F. W.	Clin
Dent, J.	Tor
Devitt, E. M.	Ben
Dickey, H. J.	Tor
Dickson, T. O.	Go
Dingman, G. B.	Str
Dinning, J.	Lo
Dodds, E. M.	Or
Donaghy, C. E.	Bri
Donaghy, W.	Ha
Donaldson, J. S.	We
Dougal, T. H.	Re
Douglas, A. E.	We
Douglas, R.	St
Douglas, W. A.	W
Douglas, W. G.	Ov
Douglas, W. J.	M
Daw, A.	To
Dow, J. D.	Pe
Dowdall, J. H.	Al
Dowling, E. P.	Al
Down, S. B.	Pe
Dowsley, A.	Pr
Duffy, J. E.	To
Duncan, H. C. B.	Pa
Duncan, R. A.	E
Duncombe, A. C.	W
Duncombe, T. N.	Sh
Dunlop, H. E.	O
Dunoon, W. J.	L
Dyer, E. L.	H
Eakins, H. G.	S
Easton, G. F.	E
Eby, M. F.	F
Eddington, C. M.	F
Elliott, A. T.	F
Elliott, H.	T
Elliott, W. A.	C
Elvidge, E. H.	C
Erbe, S. W.	T
Ernewein, —	M
Esdale, W. T.	G

ATTENDED.		NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
Aut.	Spring				Aut.	Spring
1889	1890	Davidson, G. W. W.	Hamilton	McGregor & Park,		
1889	1890			Brantford.	1887	1888
1887		Davidson, W. J.	Aurora	G. Patterson		1885
1883		Davies, F. de C.	Charlottetown, P.E.I.	D. C. M. Reddin		1887
	1887	Dawson, A.	Toronto	J. Wright	1887	
1886		Days, H.	Lucknow	C. A. Shepard		1886
1886	1887	Deachman, F. W.	Clinton	Dr. Worthington	1888	1890
1887	1888	Dent, J.	Toronto	W. J. Urquhart		1886
	1887	Devitt, E. M.	Berlin	J. E. Neville		1887
	1884	Dickey, H. J.	Toronto	E. A. Smith	1882	
1882		Dickson, T. O.	Goderich	J. Wilson		1884
1886		Dingman, G. B.	Strathroy	F. W. Meek	1885	1886
1886		Dinning, J.	London	W. T. Strong	1882	
	1883	Dodds, E. M.	Orangeville	J. R. Dods	1885	
	1887	Donaghy, C. E.	Brighton	R. Brown, Gananoque		1887
	1883	Donaghy, W.	Hamilton	W. D. Horton, Windsor		1888
1889	1890	Donaldson, J. S.	Woodstock	T. Scott & Sons	1883	
	1887	Dougall, T. H.	Renfrew	D. A. Clark	1885	1884
1883		Douglas, A. E. J.	Welland	J. H. Burgar		1884
1885		Douglas, R.	St. Catharines	W. W. Greenwood		87-90
	1886	Douglas, W. A.	Warkworth	W. Empey	1882	1884
1889	1890	Douglas, W. G.	Owen Sound	R. Wightman	1883	1884
1886		Douglas, W. J.	Markdale	R. L. Steven	1889	1890
1883		Daw, A.	Toronto	W. S. Robinson	1885	
	1882	Dow, J. D.	Pembroke	R. B. Gray	85-88	1889
	1884	Dowdall, J. H.	Almonte	P. C. Dowdall	1884	1885
	1885	Dowling, E. P.	Almonte	T. P. Smith, Elora		85-86
1882		Down, S. B.	Peterborough	J. McKee	1886	
	1886	Dowsley, A.	Prescott	G. Birks	1886	
	1882	Duffy, J. E.	Toronto	A. B. Eadie		1885
1885		Duncan, H. C. B.	Paisley	G. M. Everest		1886
1888		Duncan, R. A.	Embro	E. C. Fraser	1882	
1886		Duncombe, A. C.	Waterford	J. S. Kestell	1887	
1887	1888	Dunlop, H. E.	St. Thomas	Dr. T. W. Duncombe	1888	1889
	1886	Dunlop, H. E.	Orillia	H. Cook & Co.		1884
1887	1888	Dunoon, W. J.	Lindsay	S. Perrin	1889	1890
1887	1888	Dyer, E. L.	Hamilton	D. D. Smith	1887	
1889						
1886		Eakins, H. G.	St. Thomas	C. Mitchell		1883
1888		Easton, G. F.	Brockville	G. T. Fulford	1886	1886
1886	1886	Eby, M. F.	Port Elgin	M. F. Eby		1882
1889	1890	Eddington, C. M.	Thamesville	A. N. Hoag		
	1883	Elliott, A. T.	Hampton	J. Higginbotham & Son		1890
1885		Elliott, H.	Toronto	Elliot & Co.		1887
1884		Elliott, W. A.	Culloden	I. E. York & Co.	1882	
1889		Elvidge, E. H.	Cornwall	Dr. Pringle	1885	
		Erbe, S. W.	Toronto	J. E. Neville		1882
		Ernewein, —	Mildmay	J. A. Diement	1882	
		Esdale, W. T.	Ottawa	Dr. A. Lloyd	1889	1890
1889	1887					

NAME.	ADDRESS.	PRECEPTOR.	ATTENDED. Aut. Spring
Fawcett, A. E.	Toronto	J. Dilworth	1885
Fairweather, E. M.	Sussex, N.B.	C. H. Fairweather...	1887
Fear, G. A.	Brussels	John Hargreave	1888
Fear, J. V.	Brussels	J. A. Gaillich	1883
Ferguson, A.	Toronto	J. B. Meacham	1885
Ferguson, J. W.	Millbank	Dr. J. Johnston	1885
Fessant, J.	Teeswater	W. G. Smith, Guelph.	1887
Field, W. H.	Pickering	Dr. Field	1884
Fife, R. J.	Peterborough	Ormond & Walsh	1888
Fish, J. W.	Otterville	Dr. A. J. Collyer	84-88
Fitchett, J. W.	Napanee	A. W. Grange	1882
Flack, E. R.	St. Thomas	W. O. Foster	1889
Flemming, G.	Glenmorris	J. M. Hamilton, Blythe	1884
Flemming, H. O.	Windsor	F. H. Laing	1886
Flemming, J. W.	Brandon, Man.	Dr. A. Flemming	1888
Flett, F.	Toronto	W. Brydon	1882
Foot, W. R.	Bracebridge	Dr. S. Bridgeland	1883
Forster, J. E.	London	Dr. Forster	1886
Fortier, W. B.	Port Colborne	W. A. Jamieson	1887
Foster, A. L.	Ottawa	Jno. Gerrie	1884
Foster, R. B.	Hamilton	J. Findlay	85-86
Forbes, G. A.	Pembroke	F. W. Noble	1886
Fox, J.	Wroxeter	Wm. Robinson	1885
Fraser, A.	Woodstock	R. Stark	1883
Fraser, H. J.	Ottawa	H. F. McCarthy	1885
Galbraith, W. S.	Guelph	N. G. Smith & Co.	1885
Galley, W. E.	Toronto	John Pearin	1887
Gamon, C. A.	Stayner	T. W. Coleman	1883
Gamsby, A. T.	Orono	L. A. Gambay	82-84
Gardiner, W. F.	Oshawa	J. Higginbotham	1887
Gibson, W. F.	Kars	J. E. Hanna, N. Gower	87-90
Gilbank, J. C.	London	W. T. Strong	1888
Glasford, V. H.	Brockville	T. J. B. Harding	1886
Glenny, E. J.	Oshawa	J. W. Higginbotham	1883
Golding, W. L.	Chesley	G. H. Golding	1883
Goode, W. C.	Morrisburg	L. T. Selleck	1885
Goodeve, A. S.	Guelph	W. G. Smith & Co.	1883
Gowans, F. M.	Cobourg	W. T. Porter	1886
Goodwin, F. J.	Stratford	N. A. Bosworth	1880
Graham, G.	Morden	G. W. McLaren	1880
Graham, J. N.	Windsor	C. T. Covernton, Mont'l	1886
Graham, W. B.	Aylmer	W. J. Grundy	1885
Grant, W. H.	Ottawa	J. Skinner & Co.	1882
Grant, W.	Orillia	H. Cooke	1886
Grange, W.	Napanee	A. W. Grange	1884
Greatrix, W. R.	Belleville	W. R. Carmichael	1884
Green, H. W.	Arthur	Dr. Robinson	1888
Green, J.	Hamilton	McGregor & Park	1885
Green, S. M.	Toronto	G. K. C. McGregor	1880
Gray, J. N.	Hagersville	S. W. Howard	1884
Gray, J. C.	Parkdale	R. Robinson, Toronto.	1885

NAME.	
Gray, J. S.	Gal
Gregory, A. E.	Lin
Gun, Jas.	Du
Gunn, C. H.	Wc
Guy, A. E.	Os
Hagar, W. A.	Or
Hackney, J. G.	Es
Hacken, H.	Nc
Hall, F. W.	Cl
Hall, J. B.	Or
Hall, M. C.	W
Hallet, T. H.	Or
Hauley, J. H.	St
Hanna, G. H.	Pr
Hargreaves, J. M.	Pr
Harrison, J.	M
Harrison, J. C.	M
Harrison, J. W.	G
Harvey, E. C. F.	W
Harrington, A.	P
Hassard, W. T.	O
Hay, J. J. M.	S
Hay, V. R.	V
Hagleton, J. E.	T
Heard, T.	A
Hedley, R. A.	S
Hellems, H.	S
Helmer, R. A.	C
Hessey, C. E.	C
Hewitt, C. W.	S
Higginbotham, E.	I
Higginbotham, J. D.	C
Hill, E. B.	I
Hill, G. S.	I
Hinch, G. H.	I
Hipwell, J. R.	I
Hobbs, J. A.	I
Hoag, F. J.	I
Hodgson, J.	I
Hodson, J. W.	I
Hoffman, J. W.	I
*Hobart, S. W.	I
Hollingshead, J. R.	I
Hooper, J. H.	I
Hopkins, C. H.	I
Houston, T. W.	I
Howard, W. S.	I
Howe, S. L.	I
Howe, W. A.	I
Howell, H. B.	I
Hunter, G. A.	I

CALENDAR FOR 1891-92.

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ATTENDED.		NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
Aut.	Spring				Aut.	Spring
1885	1885	Gray, J. S.	Galt.	Gibbard Bros.	1882	
1888	1887	Gregory, A. E.	Lindsay	E. Gregory	1889	1890
1883	1880	Gun, Jas.	Durham	H. Parker	1889	
1885	1886	Gunn, C. H.	Woodstock	R. Stark		1886
1887	1885	Guy, A. E.	Oshawa	W. Woon		
1888	1888					
1884	1889	Hagar, W. A.	Orangeville	T. Stevenson		1883
1888	1880	Hackney, J. G.	Exeter.	A. W. Harrison, St T'm's		1888
84-88	1888	Haken, H.	Norwich	J. A. Tidy	1888	1889
1882	1886	Hall, F. W.	Chatham	H. C. Hall		1882
1889	1889	Hall, J. B.	Orono	C. B. Borland		1886
1884	1888	Hall, M. C.	Waterloo	S. Snyder		1888
1888	1883	Hallet, T. H.	Orono	R. A. Gamsby	1889	1890
1889	1884	Hauley, J. H.	Strathroy	F. W. Meek	1889	1890
1884	1887	Hanna, G. H.	Paisley	W. A. Hargreaves	1884	1884
1886	1884	Hargreaves, J. M.	Hamilton	Harrison Bros.	82-84	
1888	1883	Harrison, J. C.	Milton	T. H. McCollom		1883
85-86	1886	Harrison, J. W.	Gananoque	I. McCammon	84-87	1888
1885	1883	Harvey, E. C. F.	Watford	W. P. McClaren	1885	1886
1886	1885	Harrington, A.	Port Perry	A. T. Davis	1883	
		Hassard, W. T.	Owen Sound	R. Wightman	1888	
		Hay, J. J. M.	Stratford	J. H. Nasmyth		1887
		Hay, V. R.	Watford	T. B. Taylor	1888	1889
		Hagleton, J. E.	Toronto	E. Hooper & Co.		1884
1885		Heard, T.	Amherstburg	C. M. S. Thomas		1884
1887		Hedley, R. A.	St. Mary's	O. Fraleigh		1886
1883		Hellems, H.	St. Catharines	W. W. Greenwood	1888	1889
	82-84	Helmer, R. A.	Ottawa	Dr. Cook, Hull, Q.	1884	
	1887	Hessey, C. E.	Orangeville	T. Stephenson	1889	1890
	87-90	Hewitt, C. W.	Sparta	H. G. Eakins	1886	
1888	1890	Higginbotham, E.	Bowmanville	J. Higginbotham		1882
	1886	Higginbotham, J. D.	Guelph	W. G. Smith & Co.		
	1883	Hill, E. B.	New Westminster, B.C.	B. S. Curtis & Co.	1888	1889
1883		Hill, G. S.	Norwich	W. A. Kirk	1888	89-90
1885		Hinch, G. H.	Odessa	D. B. Booth	1886	1889
	1883	Hipwell, J. R.	Thamesville	T. Curry	1889	1890
	1886	Hobbs, J. A.	Morden, Man.	G. W. McLaren, Nelson	1887	1888
1889		Hoag, F. J.	Kingston	G. S. Hobart	1887	1888
1889		Hodgson, J.	Brampton	R. Hodgson	1882	1886
1886		Hodson, J. W.	Drayton	A. B. Petrie	1887	1888
1885		Hoffman, J. W.	Waterloo	S. Snyder	86-88	1889
1882	1885	*Hobart, S. W.	Kingston	G. S. Hobart	1885	1888
1886		Hollingshead, J. R.	Tottenham	J. R. Bond		1887
1884		Hopkins, C. H.	Belleville	D. M. Waters	1888	1889
1884	1885	Hooper, J. H.	Charlottetown, P.E.I.	G. E. Hughes		1887
1888	1890	Houston, T. W.	Tweed	Dr. Tuttle	1883	
1885		Howard, W. S.	Toronto	J. R. Lee		85-86
1889	1890	Howe, S. L.	Meaford	W. N. Steven		1885
	1884	Howe, W. A.	Thornbury	S. R. Howe	1889	1890
	1885	Howell, H. B.	St. George	W. W. Howell	1886	1887
		Hunter, G. A.	Clarksburg	C. W. Hartman	1882	

NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring
Iber, F. B.	Essex Centre			1884
Iverson, Wm.	Guelph	W. G. Smith & Co.	1888	1889
Jackson, E.	Simcoe	Hayes & Co.	1889	
Jackson, W. D.	Guelph	Herod & Co.	1887	1888
James, F. W.	Strathroy	W. J. Dyas	1885	
James, J. B.	Toronto	Wm. Haldenby	1889	1890
Jefferies, T. W. G.	Toronto	B. G. Jefferies	1882	
Jeffrey, C. W.	Welland	H. W. Hobson		1886
Jenkins, W. T.	Bobcaygeon	Dr. McCammal	1886	
Jewell, E. M.	Bowmanville	Stott & Jory		1883
Johnston, Anna M.	Chatham	H. C. Hall, Detroit	1885	
Johnston, B. M.	Toronto	S. W. Johnston		1883
Johnston, H. L.	Port Rowan	W. Scott, Toronto	1884	
Johnston, J.	Omenee	F. R. Curry, Minden	1888	1889
Johnston, J. A.	Whitby	W. R. Howse	1887	1888
Johnston, J. C.	Toronto	S. W. Johnston	1889	1890
Jones, A. H.	St. Catharines	A. Dukes & Co.	1889	
Jones, C. E.	Mitchell	J. W. Call		1887
Jones, C. R.	Tamworth	D. E. Rose	1889	1890
Jenkins, W. T.	Fenelon Falls	T. G. Rigley, Bethany	1886	
Karn, J. G.	Woodstock	W. A. Karn		1887
Kannawin, J. B.	Acton	N. McGarvin		1887
Kernohan, R. Y.	Ingersoll	R. Kneeshaw & Co.	1885	1885
Kennedy, A. G.	Toronto	J. Wright	1882	
Kibblewhite, E. J.	Acton	J. F. Holden	1886	1887
Kipp, H.	London	W. Saunders & Co.		1884
King, W. A.	Orillia	H. Cook & Co.	1884	
Kirby, H. S.	Ottawa	A. Christie & Co.	1885	
Kirby, R. H.	Ottawa	A. Christie & Co.	1888	1889
Kirkpatrick, F. M.	Galt	W. H. Lutz	1884	
Knowles, E. W.	Guelph	W. G. Smith	1887	1888
Kyle, R. J.	Strathroy	W. J. Dyas		1889
MacCartney, A. E.	Thorold	W. J. MacCartney	1885	
MacCartney, H. E.	Niagara Falls	J. L. MacCartney	1883	
MacCartney, G. P.	Thorold	W. T. MacCartney	1886	
MacDonald, W. A.	Pictou	C. B. Allison	1886	
MacDonald, W. B.	Ottawa	H. F. McCarthy	1887	1888
MacGinnis, W. C.	Ottawa	E. D. Martin	1883	
MacHaffie, C. A.	Cornwall	W. B. Thompson	1885	
MacLaughlin, J. J.	Toronto	S. W. Johnston		1885
MacPherson, M.	Ottawa	R. J. Mills	1882	
McArthur, J. A.	Tesswater	R. W. Thurtell		1884
McBean, A. G.	Galt	W. H. Lutz	1883	

NAME.

NAME.

Lacourse, A.	Hesperia
Lacourse, A., Jr.	Berlin
Laflamme, E. A.	Ottawa
Laidlaw, W.	Orillia
Lake, W. B.	Toronto
Lalonde, F. C.	Brooklin
Landreth, J. H.	Galt
Langley, W. F.	Victoria
Laumie, H. E.	Bradford
Larkins, G.	Toronto
Lavis, J. F.	Oshawa
Lawrason, J. F.	Hamilton
Leach, W.	Naperville
Lee, J.	Woodstock
Leitch, D. G.	Hamilton
Lemaitre, J. F.	Toronto
Lent, H. F.	Ridgeway
LePatourel, T. A.	Burlington
Lewis, C. J.	Toronto
Little, J.	Parkville
Lloyd, W. T.	Ottawa
Lockie, P. M.	Hamilton
Lockie, J. A.	Hamilton
Logan, D. S.	St. Catharines
Luckham, J.	Alvinston
Lusk, C. P.	Oakville
Lynch, C. A.	Toronto

Mason, F. H.
Mason, R. A.
Matthew, D. J.

ATTENDED. Aut. Spring	NAME.	ADDRESS.	PRECEPTOR.	ATTENDED. Aut. Spring
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1888 1884
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ONTARIO COLLEGE OF PHARMACY

1886 1886
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NAME.	ADDRESS.	PRECEPTOR.	ATTENDED. Aut. Spring
Lacourse, A.	Hespeler	W. Saunders	1883
Lacourse, A., Jr.	Berlin	N. H. Jackson, Winnip'g	1885
Lafamme, E. A.	Ottawa	C. O. Dacier	1886 1886
Laidlaw, W.	Orillia	J. W. Slavin	1888 1889
Lake, W. B.	Toronto	S. N. Erbe	1886 1886
Lalonde, F. C.	Brockville	J. Williams	1885 1886
Landreth, J. H.	Galt	R. Ferrah	1888 1889
Langley, W. F.	Victoria	Langley & Co.	1887
Laumie, H. E.	Bradford	T. Edmanson	1883 1884
Larkins, G.	Toronto	W. A. Howell, Hamilton	1884
Lavis, J. F.	Oshawa	R. A. Harrison	1888 1889
Lawrason, J. F.	Hamilton	Garland & Rutherford.	1887
Leach, W.	Napanee	D. E. Rose	1884
Lee, J.	Woodstock	J. J. Hall & Co.	1886
Leitch, D. G.	Hamilton	Garland & Rutherford.	1889
Lemaitre, J. F.	Toronto	E. G. Lemaitre	1886 1887
Lent, H. P.	Ridgetown	E. Miller, Dresden ..	1888 1889
LePatourel, T. A.	Burlington	A. Wilson & Co. Hamilt'n	1888 1884
Lewis, C.	Toronto	C. H. Roach, Cork...	1883
Little, G. J.	Parkdale	G. A. Devlin	1883
Little, J.	Ottawa	W. A. Lloyd	1889 1890
Lloyd, W. T.	Kettelby	J. E. York	1885
Lockie, J. A.	Hanover	W. H. Goodeve	1888 1889
Lockie, P. M.	Hanover	W. H. Goodeve	1887 1888
Logan, D. S.	St. Catharines	A. J. Greenwood	1889 1890
Luckham, J.	Alviston	P. A. McDiarmid	1886
Lusk, C. P.	Oakville	Dr. Urquhart	1883
Lynch, C. A.	Toronto	H. Sherris	

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1883
1886
1886
1887 1888
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1882 1885
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1883

Mason, F. H.	Toronto	Dr. J. Ogden	1889
Mason, R. A.	Markham	W. Miller & Co.	1883
Matthew, D. J.	Stratford	J. H. Nasmyth & Co..	1885

ONTARIO COLLEGE OF PHARMACY

NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring
MacLaughlin, J. J.	Toronto			
MacPherson, M.	Ottawa	R. J. Mills	1882	
McArthur, J. A.	Tesswater	R. W. Thurtell		1884
McBean, A. G.	Galt	W. H. Lutz	1883	

NAME.	
McBrien, W. H.	Oran
McCallum, Jessie	New
McClintock, W. L.	New
McColl, G. R.	St.
McCollom, J. F.	Mil
McCormack, G. F.	Ott
McDaniell, R. W.	St.
McDermid, N. I.	Lor
McDonald, A. McG.	Age
McDonald, G.	St.
McDonald, J. H.	Per
McDougall, J. H.	Ott
McEachren, J.	Gal
McFarlane, R.	Dur
McGibbon, P. J.	Sar
McGillivray, D. J.	WI
McGregor, J. R.	We
McKay, J.	To
McKeague, W.	Wi
McKee, W.	Br
McKenzie, J. L.	Dr
McKenzie, S. R.	Pa
McKenney, J.	Ot
McKinley, C. T.	Cl
McKurracher, J. D.	Ki
McLaughlin, N.	Ge
McLaren, D. H.	Al
McLaren, J. W.	M
McLean, F. W.	Al
McLean, H. G.	Ge
McLean, W. A.	Bi
McLellan, T. E.	Ge
McLennan, J. F.	O
McLeod, J. A.	C
McLeod, J. B.	K
McLeery, R. H.	B
McMillan, A. M.	O
McMillan, D.	C
McMichael, R. W.	M
McPherson, G. S.	S
McQuarrie, W.	C
McRea, J. R.	F
McTavish, J. H.	C
McVey, W.	S
Madill, W. R.	T
Malley, W. T.	S
Martins, A. W., Rev.	J
Martin, J. E.	Y
Marshall, G.	I
Marshall, G. W.	T
Marshall, J. A.	I
Marshall, W. G.	I
Mason, F. H.	
Mason, R. A.	
Matthew, D. J.	

CALENDAR FOR 1891-92.

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NAME.	ADDRESS.	PRECEPTOR.	ATTENDED. Aut. Spring
McBrien, W. H.	Orangeville	T. Stevenson	1886 1886
McCallum, Jessie....	New Hamburg	F. H. McCallum	1883 1883
McClintoch, W. L.	Newmarket	W. Bentley	1885 1885
McColl, G. R.	St. Thomas	W. O. Foster & Co.	1866 1866
McCollom, J. F.	Milton	J. H. McCollom, Milton	1887 1888
McCormack, G. F.	Ottawa	H. Watters	1889 1890
McDaniell, R. W.	St. Thomas	J. Dutton, Stratford ..	1887 1888
McDermid, N. I.	London	Harkness & Co.	1889 1890
McDonald, A. McG.	Acadia Mines, N.B.	Tippard & McDonald ..	1887 1887
McDonald, G.	St. Catharines	J. R. Seymour	1888 1890
McDonald, J. H.	Perth	J. Kellock	1889 1890
McDougall, J. H.	Ottawa	A. Christie	1887 1887
McEachren, J.	Galt	G. E. Gibbard	1885 1885
McFarlane, R.	Durham	G. C. McFarlane	1882 1882
McGibson, P. J.	Sarnia	R. D. Scott	1889 1890
McGillivray, D. J.	Whitby	W. R. Howse	1887 87-88
McGregor, J. R.	Welland	J. Cumines	1884 1884
McKay, J.	Toronto	R. Lee	1887 1887
McKeague, W.	Welland	H. W. Hobson	1888 1889
McKee, W.	Brighton	Dr. A. D. Lake	1889 1890
McKenzie, J. L.	Durham	H. Parker	1887 1887
McKenzie, S. R.	Parkdale	G. A. Devlin	1883 1883
McKenney, J.	Ottawa	E. D. Martin	1888 1889
McKinley, C. T.	Clarksburg	C. W. Hartman	1884 1884
McKurracher, J. D.	Kincardine	G. M. McKendrich	1883 1883
McLaughlin, N.	Gorrie	C. J. Passmore	83-85 83-85
McLaren, D. H.	Almonte	M. Patterson	1884 1884
McLaren, J. W.	Mitchell	S. A. Hodge	1884 1885
McLean, F. W.	Aurora	G. W. Patterson	1886 1886
McLean, H. G.	Goderich	G. Rynas	1884 1884
McLean, W. A.	Brockville	J. McLean, St. Mary's	1887 1887
McLellan, T. E.	Galt	J. C. Graham	1884 1884
McLennan, J. F.	Ottawa	H. Waters	88-90 88-90
McLeod, J. A.	Cornwall	E. H. Brown	1887 1887
McLeod, J. B.	Kingston	W. T. C. Bethel	1883 1883
McLeary, R. H.	Bowmanville	Stott & Jury	1887 1888
McMillan, A. M.	Ottawa	W. A. Lloyd	1887 1888
McMillan, D.	Collingwood	E. R. Carpenter	1887 1888
McMichael, R. W.	Mitchell	J. W. Cull	1886 1886
McPherson, G. S.	Strathroy	F. W. Meek	1884 1884
McQuarrie, W.	Goderich	F. P. Reynolds, St. T'm's	1887 1887
McRea, J. R.	Peterborough	J. McKee	1885 1885
McTavish, J. H.	Collingwood	T. Greaves	1886 1887
McVey, W.	St. John, N.B.	R. W. McCarty	1886 1886
Madill, W. R.	Toronto	W. R. Hoar	1887 1887
Malley, W. T.	Shannonville	Dr. J. E. Baird, P'kn'h'm	1886 1886
Marling, A. W., Rev.	Juba, Africa	1884 1884
Martin, J. E.	Niagara Falls	R. P. Skinner	1885 1885
Marshall, G.	Barrie	J. Woods	1885 1885
Marshall, G. W.	Toronto	E. J. Waugh	1889 1889
Marshall, J. A.	Port Hope	R. Deyell	1883 1883
Marshall, W. G.	Mount Forest	L. H. Yeomans	1886 1886
Mason, F. H.	Toronto	Dr. J. Ogden	1889 1889
Mason, R. A.	Markham	W. Miller & Co.	1883 1883
Matthew, D. J.	Stratford	J. H. Nasmyth & Co.	1885 1885

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1884

NAME.	ADDRESS.	PRECEPTOR.	ATTENDED. Aut. Spring
Maxwell, W. H.	Oshawa	W. T. Atkinson	1884
May, J. W.	Toronto	W. J. Rose	1882
Mears, E. C.	St. Catharines	Jas. Mills	1890
Meldrum, H.	Fenelon Falls	W. E. Ellis	1889 1890
Menger, W. S.	Elmira	Walmsley & Merner	1884 1888
Mengies, A.	Carleton Place	D. F. McEwan	1882
Mercer, F. B.	Toronto	May & Co.	1885
Middough, L.	Thorold	Charles A. Kyle	1889
Millard, C. T.	Orillia	E. H. Robinson	1885 1887
Millman, J. T.	Guelph	A. B. Petrie	1883
Mitchell, E. C.	Kingston	W. J. Wilson	1885
Mitchell, D. J.	Kingston	N. C. Polson & Co.	1884
Mitchell, W. J.	Watford	G. A. McAnn, Wallace & Co.	1886
Mills, G. W.	Oakland	McGregor & Parks, Brantford	1887 1888
Mittleberger, G. B.	Toronto	S. W. Johnston	1889
Mills, F. W.	Brantford	McGregor & Parks	1889
Mooney, G. S.	Toronto	H. M. Kipp	1888 85-89
Morgan, L. P.	Lindsay	A. Higginbotham	1885
Morrow, A. E.	Cobourg	J. E. Kennedy	1885
Morrow, T.	Chatsworth	J. W. Elliot	1882
Muir, R. S.	Port Elgin	G. B. Smith & Co.	1884
Muir, T. A.	St. Thomas	F. B. Reynolds	1886
Mulligan, R. J.	Omeme	Dr. Higginbotham	1889
Murchison, W.	Lucknow	Dr. Tennant	1886
Naismith, J.	Pembroke	L. & J. H. Walford, Renfrew	1888 1889
Nash, C. M.	Belleville	Dr. Nash	85-87 1886
Naylor, R.	Lindsay	H. Howard, Toronto	1885
Neff, J. E.	Port Colborne	F. D. Thine & Son.	1882
Neff, H. C.	Chatham	R. S. Priddy	1883
Newton, C. H.	Tara	R. C. Bruce	1885
Nicholson, J. H.	Strathroy	W. J. Dyas	1888 1889
Noble, W. G.	Coleman	B. E. McKenzie	1889
Noecker, L. A.	Waterloo	Heron & Co., Guelph	1890
Oakley, A. F.	Toronto	Dr. F. Oakley	88-89
O'Connor, H. B.	Teeswater	R. N. Thurtell	1889 1890
Orchard, C. E.	Newcastle	R. Fothergill	1882
Parkes, G.	Hamilton	A. W. Harrison, St. Thomas	1885
Paxton, F. G.	Port Perry	S. E. Allison	1887
Pearen, J. M.	Toronto	J. Wright & Co.	1883
Pepper, P. F.	Millgrove	Blackader & Mills	83-84

NAME.	ADDRESS.
Pethick, J.	Stratford
Petrie, A. B.	Guelph
Phillips, O. N.	Aurora
Piper, D. N.	London
Playter, C. P.	Toronto
Pollard, W. N.	Bethan
Pollock, R.	Galt
Poole, W. G.	Dunnville
Porter, J. S.	Seaford
Powell, H.	Aurora
Price, F. R.	Goderich
Proctor, H. T.	Harrisburg
Pulford, W.	Stoneburg
Quirk, T.	Cobourg
Radcliffe, J. H.	Granville
Radley, E. C.	Chatham
Ralph, R. E.	Hamilton
Randall, J. DeW.	St. Catharines
Raney, W. H.	Presburg
Reynolds, S.	Markham
Rice, C. A.	St. Catharines
Rice, J. B.	Woolwich
Richards, W. A.	Ottawa
Riddell, W. C.	St. Catharines
Ritchie, M. G.	Kincardine
Roberts, J. F.	Seaford
Roberts, S. E.	Cobourg
Roberts, D. A.	St. Catharines
Robertson, D. S.	Stratford
Robertson, G. J.	Niagara
Robertson, E. J.	Toronto
Robertson, W. S.	Port Perry
Robinson, E. F.	York
Robinson, J. S.	Collingwood
Robinson, L. F.	Toronto
Roblin, W. H. L.	Amherst
Roche, H. F.	Kincardine
Rogers, H. J.	Ottawa
Ross, A. J.	Windsor
Roseburg, R. M.	Toronto
Ross, J. G.	Emmetsburg
Rowan, J. E.	Tillamook
Rowland, Thos.	Monrovia
Rowntree, R.	York
Roy, H. C.	Pelee
Rudd, A. B.	Port Perry
Rust, T.	Toronto

CALENDAR FOR 1891-92.

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ATTENDED. Aut. Spring	NAME.	ADDRESS.	PRECEPTOR.	ATTENDED. Aut. Spring
1884	Pethick, J.	Stratford	G. H. Waugh	1883
1882	Petrie, A. B.	Guelph	John A. Clark	1880
1890	Phillips, O. N.	Aurora	S. H. Ashton	1883
1889	Piper, C. P.	London	Dr. Piper	1884
1884	Pollard, W. N.	Toronto	J. R. Lee	1887
1882	Pollock, R.	Bethany	T. G. Brereton	1889
1885	Poole, W. C.	Galt	W. H. Lutz	1885
1889	Porter, J. S.	Dunnville	R. A. Harrison	1884
1885	Powell, H.	Seaforth	J. S. Robert	1884
1883	Price, F. R.	Aurora	F. Jordan	1884
1885	Proctor, H. T.	Goderich	W. B. Smith	1887
1884	Pulford, W.	Harriston	Dr. T. W. Fulford...	1888
1886		Stonewall, Man.		1883
1887				
1889				
1889				
1889				
1888	Quirk, T.	Cobourg	Dr. E. C. McNicholl..	1885
1885				
1882				
1884	Radcliffe, J. H.	Granton	Dr. Lang	1884
1886	Radley, E. C.	Chatham	S. B. Radley	1885
1889	Ralph, R. E.	Hamilton	M. Mundy	1887
1886	Randall, J. DeW.	St. Catharines	A. J. Greenwood	1886
	Raney, W. H.	Prescott	A. O. Harding	1888
	Reynolds, S.	Markdale	Dr. S. S. Sproule	1889
	Rice, C. A.	St. Catharines	A. Jukes & Co.	1883
	Rice, J. B.	Woodstock	W. A. Karn	1887
1888	Richards, W. A.	Ottawa	A. Christie & Co.	1889
1887	Riddell, W. C.	St. Catharines	A. J. Greenwood	1884
1885	Ritchie, M. G.	Kincardine	J. C. Cook	1888
1882	Roberts, J. F.	Seaforth	J. S. Roberts	1883
1883	Roberts, S. E.	Cobourg	R. Wilson	1887
1885	Roberts, D. A.	St. John, N.B.	G. W. Hoben	1888
	Robertson, D. S.	Strathroy	W. J. Dyas	1889
1888	Robertson, G. J.	Niagara Falls	R. P. Skinner	1884
1889	Robertson, E. J.	Toronto	W. Holdenby	1888
	Robertson, W. S.	Perth	J. F. Kellock	1884
	Robinson, E. F.	Yorkville	W. S. Robinson	1882
	Robinson, J. S.	Collingwood	A. H. Johnston	1887
	Robinson, L. P.	Toronto	W. H. Cox	1884
8-89	Roblin, W. H. L.	Ameliasburg, P.E. Co.	Andrew Jeffrey	1885
889	Roche, H. P.	Kingston	J. C. King	1888
882	Rogers, H. J.	Ottawa	J. S. Skinner & Co.	1882
	Roos, A. J.	Waterloo	S. Snyder	1889
	Roseburg, R. M.	Toronto	W. J. Davidson	1884
	Ross, J. G.	Embro	R. A. Duncan	1889
	Rowan, J. E.	Tilsonburg	T. Flood, Southampton	1884
	Rowland, Thos.	Mount Albert	Dr. D. Gould	1888
885	Rowtree, R.	York, Eng.	R. Dresser	1883
887	Roy, H. C.	Toronto	L. Hooper & Co.	1883
883	Rudd, A. B.	Perth	Dr. H. C. Rudd	1886
	Rust, T.	Toronto	Dr. W. Armstrong...	

NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring
Ruston, F.	Georgetown	T. Ruston	1883	87-88
Rutherford, W.	Peterborough	J. W. Tully		1886
Ryall, H.	Paris	G. L. Scott		1887
Ryley, A. A.	Bethany	T. G. Ryley		
Sampson, N.	Norwich	D. M. Kirk		1887
Sanderson, M.	Milton	J. H. McCollum		1883
Sanderson, T. G.	St. Mary's	S. Fraleigh	1889	1890
Sangster, E.	Hamilton	Harrison Bros.	1889	
Sawtell, E. T.	Hamilton	H. S. Webber, Orangev	1887	1888
Sawyer, A. D.	Kingston	G. S. Hobart	1883	
Sawyer, R. W.	Wallaceburg	G. A. McAnn	1889	1890
Sayers, G. W.	Buffalo, N.Y.	E. J. Liebetnet	1885	
Scarlett, E.	Cobourg	R. Wilson	1883	
Scarlett, R. A.	Cobourg	R. Wilson		1886
Schofield, G. A.	Peterborough	J. McKee	1895	
Scott, C. S.	Newmarket	Dr. Bentley	1893	1884
Scott, P. L.	Paris	G. L. Scott		1887
Scott, R. W.	Sarnia	Dr. T. G. Johnston	1884	
Scott, T. W.	Woodstock	Scott & White		1883
Seeds, S. A.	Pictou	E. W. Case	1887	1888
Shand, A.	Simcoe	J. Austin & Co.		1886
Shaw, F. A.	Bowmanville	D. Secord, Ingersoll	1884	
Shaw, W. J.	Ottawa	John Roberts	1888	1889
Shaunessy, W.	Toronto	G. A. Bingham	1889	1889
Shillington, R. T.	Ottawa	Dr. Shillington	1888	1889
Sherrin, G. A.	Bowmanville	J. Higginbotham & Co.		84-85
Sherrin, G. A.	Peterborough	G. A. Sherrin, Sr.		1887
Shoff, E.	Thorndale	McKechnie & Weeb.	1887	
Short, W. H.	Deseronto	W. G. Egan	1883	
Sievers, A. P.	Toronto	E. H. Bauld	1888	1889
Sine, C.	Stirling	R. Parker	1888	1889
Slaven, R. R.	Orillia	J. W. Slaven	1888	1889
Smith, M. L.	Ripley	W. Colclough, My Forst	1885	
Smythe, R.	St. Catharines	J. R. Seymour	1887	1888
Smythe, W. F.	Amprior	J. T. Wait		1885
Sneath, C. R.	Barrie	G. Monkman	1882	
Snider, H.	Aurora	G. D. Patterson	1888	1889
Snider, R. O.	Port Hope	G. A. Mitchell	1885	
Snowball, J. N.	St. George	J. H. Flemming	1882	1883
Somerville, R.	Lucknow	Dr. Tennant	1886	
Soules, F. E.	Newmarket	Dr. Bentley	1883	
Southcott, H.	St. Catharines	A. Jukes & Co.		1886
Spackman, G. W.	Thamesville	S. A. Tye	1884	
Spaulsbury, J. F.	Trenton	H. Meade	1884	
Spilsbury, —	Haliburton	Dr. E. A. Spilsbury		1886
Spingsted, J. R.	Hamilton	R. W. Taylor & Co.	85-86	
Spivey, T. A.	Toronto	G. F. Spivey, Howden, E		1887
Stanbury, G. H.	Toronto	G. B. Smith & Co.	1882	
Steele, F. J.	Toronto	G. A. Devlin, Parkdale	1886	1887
Steinhaus, J. G.	Baden, Germany	L. Lahr		1885
Stephen, R. L.	Meaford	W. W. Stephen	1883	
Stepler, W. H.	Sarnia	M. Springer, Strathroy		1886

NAME.	ADDRESS.
Stewart, A. B.	Guelph
Stewart, C. F.	Wallaceburg
Stewart, C. M.	Carleton Place
Stewart, F. J.	Stayner
Stewart, J. A.	Meaford
Stewart, T. M.	London
Stewart, W. M.	Meaford
Stinson, W.	St. Mary
Stinson, J. O.	Collingwood
Stirret, A.	Port Rowan
Stork, J.	Port L.
Stork, W.	Bramp.
Strong, W. R.	Bradford
Struthers, T.	Kincardine
Stump, E.	Oakville
Sumner, T. N.	Guelph
Sutherland, D. W.	Glasgow
Suttie, G.	Hamilton
Sweeney, S. M.	Carleton Place
Switzer, J. E.	
Talbot, T.	Whitby
Taylor, C. M.	Tamworth
Taylor, D.	Pictou
Taylor, T. A.	Owen Sound
Taylor, W.	Harri-
Taylor, W. H.	Owen Sound
Templeton, J. S.	Bellefleur
Thompson, R. F.	Toronto
Thompson, S.	Beav-
Thomson, G.	Port-
Thomson, J.	Brace-
Thomson, R. S.	Kinc-
Todd, J. W.	Auro-
Todd, W. E.	Owe-
Toms, S. W. S.	Whi-
Tremble, J. E.	St. I-
Trimble, T. J.	Nap-
Trotter, R. W.	Wat-
Truss, A. J.	Mar-
Turner, C. J.	Tor-
Turner, F. E.	Line-
Turner, F. M.	Bro-
Turner, W.	Mar-
Tuthill, R. M.	Hor-
Tythen, A. F.	Lor-
Vandervoort, P. W.	Tor-
Vanstone, J. N.	Kin-
Veitch, J. C.	Gal-

ATTENDED.		NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
Aut.	Spring				Aut.	Spring
1883	87-88	Stewart, A. B.	Guelph	A. B. Petrie	1887	1888
	1886	Stewart, C. F.	Wallaceburg	C. S. Judson	1889	1890
	1887	Stewart, C. M.	Carleton Place	Dr. McEwen	1887	1888
		Stewart, F. J.	Stayner	T. W. Coleman	1883	83-84
		Stewart, J. A.	Meaford	Manley & Co.		1887
		Stewart, T. M.	London	J. G. Shuff		1885
	1887	Stewart, W. M.	Meaford	W. W. Stephen		1887
	1883	Stinson, W.	St. Mary's	S. Fraleigh		1887
1889	1890	Stinson, J.	Collingwood	N. H. Johnston	1888	1889
1887		Stirret, A.	Port Rowan	G. Stewart & Co.		1887
1883	1888	Stork, J.	Port La Prairie, Man.	B. M. Canniff, Bellev.		1887
1889		Stork, W.	Brampton	C. Stork & Co.		1883
1883		Strong, W. R.	Bradford	B. Kilborn		1886
1889	1890	Struthers, T.	Kincardine	Dr. Martin	1882	
1885		Stump, E.	Toronto	H. J. Rose	1887	
1883		Sumner, T. N.	Oakville	C. W. Pearce & Co. .		1883
	1886	Sutherland, D. W. .	Guelph	J. Brown		1882
1895		Suttie, G.	Glasgow, Scotland .	Herod & Co.	1888	1889
1893	1884	Sweeney, S. M.	Hamilton	D. D. Smith	1884	
	1887	Switzer, J. E.	Carleton Place	W. H. Switzer, Dresden	1884	1885
1884	1883					
1887	1888					
	1886					
1884	1889	Talbot, T.	Whitby	W. Woon, Oshawa....		1887
1888	1890	Taylor, C. M.	Tamworth	D. E. Rose	1884	1884
1889		Taylor, D.	Pictou	A. W. Case		1886
1888	1889	Taylor, T. A.	Owen Sound	Parker & Co.	1889	1890
	84-85	Taylor, W.	Harriston	W. Taylor & Son . .		1882
	1887	Taylor, W. H.	Owen Sound	Parker & Co.	1885	1885
1887		Templeton, J. S.	Belleville	R. Templeton		1887
1883		Thompson, R. F.	Toronto	B. Jacques	1885	1886
1888	1889	Thompson, S.	Beaverton	G. A. Devlin, Parkdale	1885	
1888	1889	Thomson, G.	Portage du Fort, Q.	R. B. Gray, Pembroke.	1886	1887
1888	1889	Thomson, J.	Bracebridge	Dr. Shaw		1887
	1885	Thomson, R. S.	Kincardine	Dr. Martyn	1887	1888
1887	1888	Todd, J. W.	Aurora	G. D. Patterson	1889	
	1885	Todd, W. E.	Owen Sound	D. A. Cameron	1888	87-88
1882		Toms, S. W. S.	Whitby	W. Woon, Oshawa....		1882
1888	1889	Tremble, J. E.	St. Mary's	S. Fraleigh		1886
1885		Trimble, T. J.	Napanee	W. S. Detlor	1886	
1882	1883	Trotter, R. W.	Waterford	J. E. York & Co.	85-87	1888
1886		Truss, A. J.	Markdale	A. Turner & Co.		1889
1883		Turner, C. J.	Toronto	E. Hooper & Co.		1886
	1886	Turner, F. E.	Lindsay	C. Gregory	1886	
1884		Turner, F. M.	Brockville	Allan, Turner & Co .		1887
1884		Turner, W.	Markdale	A. Turner		87-88
85-86	1886	Tutill, R. M.	Horning's Mills	Drs. Bara & Norton .	84-86	
	1887	Tythen, A. F.	London	J. R. Avy		1886
1882						
1886	1887	Vandervoort, P. W. .	Toronto	C. W. Howarth		1887
	1885	Vanstone, J. N.	Kincardine	G. M. McKendrick .	1887	1888
1883	1886	Veitch, J. C.	Galt	W. H. Lutz	1883	

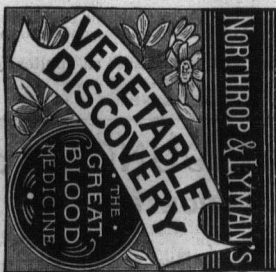
NAME.	ADDRESS.	PRECEPTOR.	ATTENDED.	
			Aut.	Spring.
Wade, F. C.	Kingston	H. Wade		1883
Wallace, C. A.	Hastings	Dr. Wallace, Cam'b'ld	1884	
Wallace, E. T.	Collingwood	E. R. Carpenter	1888	1889
Wallace, P. B.	Brantford	J. A. Larpene	1888	1889
Ward, J. F.	London	J. G. Shuff	1884	
Waterhouse, D. C.	Toronto	C. M. Edgington	1889	
Watson, D. A.	Dundas	J. B. Meacham		
Watson, H. H.	Milton	H. Watson	1887	1888
Watson, J. H.	Goderich	G. Rhynas	1887	1888
Watson, W. P.	Ottawa	H. F. McCarthy	1884	
Watt, E. G.	St. Mary's	S. Fraleigh	1883	
Way, J. R.	Belleville	L. W. Yeomans & Co.	1884	
Webber, H.	Ottawa	H. F. McCarthy	1882	
Weir, R.	Toronto	R. A. Wood	1884	
Wheeler, J. J.	Hamilton	Dr. Bingham		85-86
White, C.	Cobourg	J. E. Kennedy		1886
White, J. L.	Ottawa	H. F. McCarthy	1888	1889
White, J. W.	Chicago, U. S. A., and Toronto	J. McKay, Belleville	1884	1885
Whitelaw, W. T.	Woodstock	J. J. Hall		1888
Whitely, M. J.	Goderich	J. K. Nafel	1887	1888
Whitaker, S. A.	St. Catharines	W. J. Seymour	1885	1886
Wild, M. C.	Toronto	H. J. Rose		1884
Wiley, F. W.	St. Catharines	J. Mills		1887
Williams, J. B.	Guelph	Dr. G. S. Herod	1889	1890
Williams, L. J.	Belleville	A. L. Green	1888	
Willis, J. C.	Whitby	T. G. Whitfield	1884	
Willis, R. F.	Uxbridge	J. McKinnon		1888
Williscroft, G.	Southampton	T. B. Smith	1882	
Wilson, E.	London	Dr. R. McIntyre		1883
Wilson, J.	Leamington	Dr. Chamberlain		84-86
Wilson, W. E.	Goderich	J. Wilson		1887
Wingfield, C.	Toronto	G. A. Devlin		1885
Wood, F. W.	Peterborough	J. W. Tully	1888	1889
Wood, G. A.	Peterborough	J. W. Tully		1885
Wooton, H. H.	Stirling	Drs. Parker & Butler		1885
Worden, W. H.	Toronto	H. A. Knowles	1883	1883
Wright, J. A.	Peterborough	L. D. Tully	1883	1883
Wright, J. [Jr.]	Port Hope	R. Deyell	1887	1888
Wylie, W. D. H.	Brockville	P. K. McMillan		1887
Wynne, Thos.	Penetanguishene	C. A. Nettleton	1889	
Yapp, F. H.	Brantford	Blackadar & Mills		1882
Yeomans, A. G.	Mount Forest	L. H. Yeomans	1888	1889
Yeomans, S. C.	Mount Forest	L. H. Yeomans	1889	1890
Young, A. P.	Mitchell	J. W. Cull		1886
Zimmerman, J. A.	Brantford	J. A. Wallace		1883

[illegible]

A MAN'S LIFE SAVED

I WOULD not be doing justice to the affliction if I withheld a statement of my experience with **Northrop & Lyman's Vegetable Discovery**. I was completely cured by using it, and I can tell you that I suffered for nine weeks, one third of which I was confined to my bed, with the best medical skill I could obtain in the city trying to remove my affliction, but without even giving me temporary relief. My body was so sore that it was painful for me to walk. I could not wear my clothes tight around me, my bowels only operated when taking purgative medicines, my appetite was gone, nothing would remain on my stomach, and my eyes and body were as yellow as a guinea. When I was turned on the street I was stared at or turned from with a repulsive feeling by the passer-by. The doctors said there was no cure for me. I made up my mind to die, as I was near the end of my career. One day a friend called to see me and advised me to try **Northrop & Lyman's Vegetable Discovery**. I thought if the doctors could not cure me, what is the use of trying the Discovery, but after deliberating for a time I concluded to give it a trial, so I procured a bottle and commenced taking it three times a day. Jitters or nervousness at the expiration of the first day to find my appetite began to return. I began to give place to hope, and I continued to take it three times a day, until I had used the fifth bottle. I then had no further need for

the medicine that had hitherto my cure—that had restored me to health—as I was completely cured. The nature of the disease was the same as the one I could not describe in a day. In fact the trouble was to get



WHAT IS IT?

This celebrated medicine is a compound extracted from the richest medicinal herbs, roots and barks. It is the production of many years' study, research and investigation. It possesses properties purely vegetable, chemically and scientifically combined. It is **Nature's Remedy**. It is perfectly harmless and free from any bad effect upon the system. It nourishes and strengthens; it acts directly upon the blood, and every part throughout the entire body. It quiets the nervous system; it gives you good, sweet sleep at night. It is a great panacea for our aged fathers and mothers, for it gives them strength, quiets their nerves, and gives them Nature's sweet sleep, as has been proved by many an aged person. It is the **Great Blood Purifier**. It is a soothing remedy for our children. It relieves and cures all diseases of the blood. Give it a fair trial for your complaint, and then you will say to your friends, neighbors and acquaintances: "Try it; it has cured me."

(Signed) W. LEE, Toronto.

ATTENDED,
Aut. Spring

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1887	1888
1887	1887
888	1882
889	1889
886	1886

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Compressed Tablets,
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Soluble Hypodermic
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 Acid. Aconitina, 1-20, 1-30, 1-40, 1-50, 1-60, 1-100, 1-200 gr.
 Acid. Benzoicum, 1-5 grain
 Acid. Benzoicum, 1 grain
 Acid. Boricum, 1-10, 1-5 and 1 grain
 Acid. Cascarum, 1-5, 1-10, 1-20, 1-30, 1-40, 1-50, 1-60, 1-100, 1-200 gr.
 Acid. Gallicum, 1 grain
 Acid. Salicylicum, 1 grain
 Acid. Tannicum, 1 grain
 Acid. Valerianicum, 1-5, 1-10, 1-20, 1-30, 1-40, 1-50, 1-60, 1-100, 1-200 gr.
 Aconitina, Duguesnel's, 1-200 grain
 Aconitina, Duguesnel's, 1-200 grain
 Aloin, 1-20 grain
 Aloin, 1-4 and 1-5
 Aloin, 1-2 grain
 Aloin et Bellad. et Nux. Vom.
 Aloin, 1-5 gr., Ext. Bellad., 1-5 gr., Ext. Nux. Vomice, 1-6 gr.
 Aloin et Bellad. et Podophyli, 1-8 gr.
 Aloin, 1-8 gr., Ext. Bellad., 1-8 gr., Ext. Podophyli, 1-8 gr.
 Aloin et Bellad. et Podophyli, et Nuc. Vom.
 Aloin, 1-10 gr., Ext. Bellad., 1-10 gr., Podophyli, 1-10 gr., Ext. Nuc. Vom., 1-10 gr.
 Aloin et Bellad. et Strychnina
 Aloin, 1-5 gr., Ext. Bellad., 1-8 gr., Strychnina, 1-50 gr.
 Aloin et Bellad. et Strych. et Nuc. Vom.
 Aloin, 2-5 gr., Ext. Bellad., 1-8 gr., Strych., 1-6 gr., Nuc. Vom., 1-10 gr.
 Aloin et Bellad. et Strych. et Ext. Cascarum
 Aloin, 1-5 gr., Ext. Bellad., 1-8 gr., Strych., 1-6 gr., Ext. Cascarum, 1-2 grain

Compressed Tablet Triturates

	Per	50
Alolin et Podophylin		
Aluin, 1-3 gr. Podophyl, 1-8 gr.		
Alumina, 1-20 grain		
Ammon. Chlor. et Codeine Co.		
Ammon. Mur., 1-4 gr., Ext. Glycyrrh., 1-8 gr.		
Ammon. Calc., 1-20 grain, Codeine, 1-25 gr.		
Ammon. Mur. et Cubebs et Ext. Glycyrr.		
Ammon. Mur., 1-4 gr. Cubebs, 1-8 gr., Ext. Glycyrrh., 1-8 gr.		
Ammon. Chlor et Hyoscy. Co.		
Ammon. Mur., 1-4 gr. Ext. Hyoscyam., 1-8 gr.		
Tartar. Emetic, 1-24 gr.		
Ammonii Chloridum, 1-20 grain, 1-2 and 1-10		50
Antimon. et Potass. Tart. 1-4, 1-8, 1-10, 1-20 and 1-50 grain		50
Aponorph. Hydrochlor., 1-50 grain		1 50
Aponorph. Hydrochlor., 1-50 grain		1 50
Aponorph. Hydrochlor., 1-50 grain		1 50
Arseni Bromidum, 1-30, 1-60, 1-10, 1-200 grain		1 50
Arseni Sulphum, 1-20, 25, 1-60, 1-100 and 1-200 gr.		1 50
Aspidium Sulphidum, 1-30 grain		1 50
Atropine Sulphas, 1-200 and 1-500 grain		1 50
Atropine Sulphas, 1-100 grain		1 50
Atropine Sulphas, 1-100 grain		1 50
Atropine Sulphas, 1-500 grain		1 50
Beta-Naphthol, 1 grain		1 50
Bismuthi Subcarb., 1 grain		1 50
Bismuthi Subcit., 1 grain		1 50
Bismuthi Subnit., 1 grain		1 50
Bismuthi Subnit., 1 grain		1 50
Bismuthi Subnit., 1 grain		1 50
Caffeine Citras, 1-2 grain		1 50
Caffeine Citras, 1-2 grain		1 50
Caffeine Citras, 1-2 grain		1 50
Calc. Sulphidum, 1-4, 1-10 and 1-20 grain		1 50
Cal. Sulph. 1-4, 1-10 and 1-20 grain		1 50
Camphore Monobrom., 1 grain		1 50
Cathartic Comp. Imp., 1 grain		1 50
Cathartic Comp. Imp., 1 grain		1 50
Cathartic Comp. Imp., 1 grain		1 50
Cathartic Comp. U. S. P., 1-5 and 1-10 grain		1 50
Cathartic Comp. U. S. P., 1 grain		1 50
Cathartic Comp. Veg., 1 grain		1 50
Cerri Oxalas, 1-2 grain		1 50
Cerri Oxalas, 1-2 grain		1 50
Cocaine Hydrochlor., 1-50 grain		1 50
Cocaine Hydrochlor., 1-50 grain		1 50
Cocaine Hydrochlor., 1-50 grain		1 50
Cocaine Hydrochlor., 1-50 grain		1 50
Cocaine Hydro., 1-30, 1-50 grain		1 50
Cocaine Hydro., 1-30, 1-50 grain		1 50
Cocaine Hydro., 1-30, 1-50 grain		1 50
Cresatolum, 1-10 grain		1 50

Compressed Tablet Triturates

Cupri Arsenitis, 1-100, 1-150 and 1-200 grain	Per 500
Digitalinum, 1-500 grain	50
Digitalinum, 1-200 grain	50
Digitalinum, 1-100 grain	50
Digitalinum, 1-50 grain	7
Digitalinum, 1-25 grain	100
Elaterium-Clutterbuck's, 1-16 grain	16
Elaterium-Clutterbuck's, 1-8 grain	8
Eserine Sulph., 1-100 grain	100
Eserine Sulph., 1-50 grain	50
Euxonymin (Resin), 1-4 grain	4
Euxonymin (Resin), 1-2 grain	2
Euxonymin (Resin), 1-1 grain	1
Hydragr. Chlor. Mite, 1-2 grain	7
Hydragr. Chlor. Mite, 1 grain	7
Hydragr. Chlor. Mite, 1/2 grain	6
Hydragr. Chlor. Mite, 4 grains	10
Hydragr. Chlor. Mite, 5 grains	11
Hydragr. Chlor. Mite et Sodii Bicarb., 1 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-2 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-4 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-8 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-16 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-32 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-64 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-128 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-256 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-512 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-1024 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-2048 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-4096 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-8192 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-16384 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-32768 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-65536 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-131072 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-262144 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-524288 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-1048576 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-2097152 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-4194304 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-8388608 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-16777216 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-33554432 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-67108864 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-134217728 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-268435456 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-536870912 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-1073741824 grain	1
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Hydragr. Chlor. Mite et Sodii Bicarb., 1-68719476736 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-137438953472 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-274877906944 grain	1
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Hydragr. Chlor. Mite et Sodii Bicarb., 1-1099511627776 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-2199023255552 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-4398046511104 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-8796093022208 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-17592186044416 grain	1
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Hydragr. Chlor. Mite et Sodii Bicarb., 1-4503599627370496 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-9007199254740992 grain	1
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Hydragr. Chlor. Mite et Sodii Bicarb., 1-36028797018963968 grain	1
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Hydragr. Chlor. Mite et Sodii Bicarb., 1-63382530011411470054219317248 grain	1
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Hydragr. Chlor. Mite et Sodii Bicarb., 1-1014120480182583520867509075968 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-2028240960365167041735018151936 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-4056481920730334083470036303872 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-8112963841460668166940072607744 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-16225927682921336337880145215488 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-32451855365842672675760290430976 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-64903710731685345351520580861952 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-129807421463370690703041161723904 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-259614842926741381406082323447808 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-519229685853482762812164646895616 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-1038459371706965525624329293791232 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-2076918743413931051248658587582464 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-4153837486827862102497317175164928 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-8307674973655724204994634350329856 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-16615349947311448409989268700593728 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-33230699894622896819978537401187456 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-66461399789245793639957074802374912 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-132922799578491587279914149604749824 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-265845599156983174559828299209499648 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-531691198313966349119656598418999296 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-1063382396627932698239313196837998592 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-2126764793255865396478626393675997184 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-4253529586511730792957252787351994368 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-8507059173023461585914505574703988736 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-17014118346046923171829011149407977472 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-34028236692093846343658022298815954944 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-68056473384187692687316044597631909888 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-136112946768375385374632089195263819776 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-272225893536750770749264178390527639552 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-544451787073501541498528356781055279104 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-1088903574147003082997056713562110558208 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-2177807148294006165994113427124221116416 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-4355614296588012331988226854248442232832 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-8711228593176024663976453708496884465664 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-17422457186352049327952907416993768931328 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-34844914372704098655905814833987537862656 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-69689828745408197311811629667975075725312 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-139379657490816394623623259335950151450624 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-278759314981632789247246518671900302901248 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-557518629963265578494493037343800605802496 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-1115037259926531156988986074687601211604992 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-2230074519853062313977972149375202423209984 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-4460149039706124627955944298750404846419872 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-8920298079412249255911888597500809692839744 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-17840596158824498511823777195001619385679488 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-35681192317648997023647554390003238771358976 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-71362384635297994047295108780006477542717952 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-142724769270595988094590217560012955085435904 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-285449538541191976189180435120025910170871808 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-570899077082383952378360870240051820341743616 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-1141798154164767904756721740480103640683487232 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-2283596308329535809513443480960207281366974464 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-4567192616659071619026886961920414562733948928 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-9134385233318143238053773923840829125467897856 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-18268770466636286476107547847681658250935795712 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-36537540933272572952215095695363316501871591424 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-73075081866545145904430191390726633003743182848 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-146150163733090291808860382781453266007486365696 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-292300327466180583617720765562906532014972731392 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-584600654932361167235441531125813064029945462784 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-1169201309864722334470883062251626128059890925568 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-2338402619729444668941766124503252256119781851136 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-4676805239458889337883532249006504512239563702272 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-9353610478917778675767064498013009024479127404544 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-18707220957835557351534128996026018048958254809088 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-37414441915671114703068257992052036097916509618176 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-74828883831342229406136515984104072195833019236352 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-149657767662684458812273031968208364391666038472704 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-299315535325368917624546063936416728783332076945408 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-598631070650737835249092127872833457566664153890816 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-1197262141301475670498184255745666915133328307781632 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-2394524282602951340996368511491333830266656615563264 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-4789048565205902681992737022982667660533313231126528 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-9578097130411805363985474045965335321066626462253056 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-19156194260823610727970948091930670642133252924506112 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-38312388521647221455941896183861341284266505849012224 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-76624777043294442911883792367722682568533011698024448 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1-153249554086588885823767584735445365137066023396048896 grain	1
Hydragr. Chlor. Mite et Sodii Bicarb., 1	

Compressed Tablet Triturations

	Per go
Hydrastine Hydrochlor., 1-8 grain	1 6
Iodoform, 1-5 grain	1 6
Iodol., 1-2 grain	7 9
Iodoval., 1-2 grain	9 9
Ipecac Pulv., 1-4, 5-6, 1-8 and 1-10 grain	5 3
Leptandrin, (Resin), 1-8 and 1-16 grain	5 3
Leptandrin, (Resin), 1-8 and 1-16 grain	5 3
Lithii Cit., 1 gr	7 9
Lithii Carb., 1-2 grain	7 9
Lithii Carb., 1-2 grain	7 9
Lithii Carb. & Sodii Arsenat., 1-2 grain	7 9
Lithii Carb., 1 gr., Sodii Arseniat., 1-30 gr.	7 9
Mangan, Sulph. Essic., 1 grain	7 9
Morphine Acetas., 1-4 grain	1 6
Morphine Sulph., 1-30 grain	1 6
Morphine Sulph., 1-30 grain	1 6
Morphine Sulph., 1-30 grain	1 6
Morphine Sulph., 1-8 grain	1 6
Morphine Sulph., 1-6 grain	1 6
Morphine Sulph., 1-6 grain	1 6
Morphine Sulph., 1-3 grain	1 6
Morphine Sulph., 1-2 grain	1 6
Morph. Sulph., 1-32 gr. Tinct. Aconite, 1 min.	3 9
Morph. Sulph. & Atropine Sulph., No. 1	3 9
Morph. Sulph., 1-4 grain, Atropine Sulph.	3 9
Morph. Sulph. & Atropine Sulph., No. 2	3 9
Morph. Sulph., 1-8 grain, Atropine Sulph.,	3 9
Morph. Sulph. & Atropine Sulph., No. 3	3 9
Morph. Sulph., 1-6 gr., Atropine Sulph., 1-16 gr.	3 9
Morph. Sulph. & Ext. Ac. Nit., & Ext. Bellad.	3 9
Morph. Sulph., 1-8 grain, Ext. Aconite, 1-8 gr.	3 9
Morph. Sulph. & Ext. Bellad., 1-4 gr.	3 9
Morph. Sulph. & Ext. Bellad.	3 9
Morph. Sulph., 1-8 gr., Ext. Bellad., 1-4 gr.	3 9
Morph. Sulph. & Rhei Pulv., 1-4 gr.	3 9
Morph. Sulph., 1-16 gr., Rhei Pulv., 1-4 gr.	3 9
Neuralgic	3 9
Quin., 1-2 grain	3 9
Strych. Sulph., 1-150 gr., Acid Arsen., 1-80 gr.	3 9
Ext. Aconite, 1-8 grain	3 9
Neuralgic.—Dr. H. J. Kanyon	3 9
Zinc Ph. xphid., 1-2 grain, Sulph. & Ext.	3 9
Cannab. Ind., 1-8 gr., Sodii Arsen., 1-20 gr.	3 9
Aconitina Dug., 1-400 gr.	3 9
Aleum Amygdale, 1-10 minim	3 9
Aleum Copalae, 1-10 minim	3 9
Aleum Chenopodii, 1-10 minim	3 9
Aleum Eriogonit, 1-10 minim	3 9
Aleum Equiset., 1-10 minim	3 9
Aleum Juniperi, 1-10 minim	3 9

Compressed Tablet Preparation

	Per 50
Oleum Sabinæ, 1-10 minim	50
Oleum Terebinthinæ, 1-10 minim	50
Opil Pulv., 1-8 grain	50
Opil Pulv., 1-8 grain	50
Opil Pulv., 1-4 grain	50
Opil Pulv., 1-2 grain	50
Opil Pulv., 1-2 grain	50
Opil Pulv., 1-2 grain	7
Opil Pulv. Acet.	7
Opil 1-4 gr. Plumbl. Acet., 3-4 gr.	
Pepsin et. Nuc. Vomice	
Pure Pepsin, 1-10 gr. Ext. Nuc. Vom. 100 gr.	
Pl. Hydragryg., 1-4 and 1-2 grain	
Pl. Hydragryg., 1 grain	
Pl. Hydragryg., 1 grain	
Plilocarpine Hydrochlor., Cryst., 1-20 grain	1
Plilocarpine Hydrochlor., Cryst., 1-10 grain	1
Plilocarpine Hydrochlor., Cryst., 1-10 grain	1
Potass Permang., 1 grain	
Zinc Sulph., 1 grain	1
Ext. Belladonnæ, 1-8 grain	
Ext. Belladonnæ, 1-8 grain	
Ext. Cannab. Ind., 1-10 grain	
Ext. Cannab. Ind., 1-8 grain	
Ext. Cannab. Ind., 1-4 grain	
Ext. Cannab. Ind., 1-4 grain	
Ext. Cascare Sagradæ, 1 grain	
Ext. Coloc. Comp., 1-4 grain	
Ext. Coloc. Comp., 1 grain	
Ext. Ergote, 1-10 and 1-6 grain	
Ext. Ergote, 1-4 grain	
Ext. Ergote, 1-2 grain	
Ext. Hyoscyami, 1-4 grain	
Ext. Hyoscyami, 1-2 grain	
Ext. Ignatiæ, 1-8 grain	
Ext. Ignatiæ, 1-4 grain	
Ext. Nuc. Vomice, 1-8 grain	
Ext. Nuc. Vomice, 1-4 grain	
Ext. Viburni Prunifol., 1 grain	
Ext. Viburni Prunifol., 1 grain	
Ext. Baptisæ Fid., 1-2 and 1 min.	
Ext. Belladonnæ Fid., 1-2 min.	
Ext. Belladonnæ Fid., 1 min.	
Ext. Goldbeed Fid., 1-2 min.	
Ext. Cubebæ Fid., 1-2 min.	
Ext. Cubebæ Fid., 1 min.	
Ext. Digitalis Fid., 1-2 min.	
Ext. Ergote, Fid., 1-2 min.	
Ext. Ergote, Fid., 1 min.	
Ext. Erythrosyl Fid., 1-2 min.	
Ext. Erythrosyl Fid., 1 min.	
Ext. Eucalypti Fid., 1-2 and 1 min.	

Compressed Tablet Triturates

	Per 500
Ext. Hyocynani, Fld., 1-2 min.	55
Ext. Hyocynami, Fld., 1 min.	60
Ext. Ipecac. Fld., 1-2 min.	60
Ext. Ipecac. Fld., 1 min.	95
Ext. Ipecac. et Senega, Fld., 1 min.	60
Ext. Senega, Fld., 1-2 min.	60
Ext. Lupulini, Fld., 1-2 min.	60
Ext. Paulini æ, Fld., 1-2 and 1 min.	85
Ext. Pilopici, Fld., 1-2 and 1 min.	55
Ext. Rhei, Fld., 1-2 min.	35
Ext. Rhei, Fld., 1 min.	60
Ext. Scilla Comp., Fld., 1-2 and 1 min.	55
Ext. Senega, Fld., 1-2 min.	60
Ext. Senega, Fld., 1 min.	60
Ext. Senega, Fld., 1 min.	75
Ext. Turnezii, Fld., 1 min.	55
Ext. Turnezii, Fld., 1 min.	60
Fellis Bois Purif., 1 grain	75
Ferri Arsenias, 1-16 grain	59
Ferri Arsenias, 1-8 grain	59
Ferri Arsenias, 1-4 grain	60
Ferri et Acid. Arsen.	60
Reduced Iron, 1 gr., Acid Arsen., 1-30 gr.	
Ferri et Arsen. et Styrch.	60
Reduced Iron, 1 gr., Acid Arsen., 1-100 gr.	
Styrchnia, 1-60 gr.	
Ferri et Acid. Arsen. et Styrch.	60
Reduced Iron, 1 gr., Acid Arsen., 1-50 gr.	
Styrchnia, 1-60 gr.	
Ferri Citras, 1 grain	60
Ferri Pyrophos., 1 grain	60
Ferri Pyrophos. et Quin. et Styrch	1 95
Iron Pyrophos., 1 gr., Quin. Sulph., 1-2 gr.	
Styrchnia, 1-60 gr.	
Ferri et Quin. et Acid Arsen.	1 95
Reduced Iron, 1-2 gr., Quin. Sulph., 1-2 gr.	
Acid Arsen., 1-100 gr.	
Ferri et Quin. et Acid Arsen.	1 95
Reduced Iron, 1-2 gr., Quin. Sulph., 1-2 gr.	
Acid Arsen., 1-100 gr.	
Ferri et Quin. Citras, 1 grain	1 15
Quin. Sulph.	1 15
Reduced Iron, 1-2 gr., Quin. Sulph., 1-2 gr.	
Ferri et Quin. et Styrch	1 15
Reduced Iron, 1-2 gr., Quin. Sulph., 1-2 gr.,	
Styrchnia, 1-120 gr.	
Ferr. et Styrchnia Citras, 1 grain	80
Ferri Lactias, 1 grain	55
Ferri Lactias, 1 grain	55
Fever.-Dr. H. J. Kenyon	90
Tinct. Acetate, 1 min. Morph. Sulph., 1-20 gr.	
Tartar. Emetic., 1-20 gr.	
Gelsem., 1-16 grain	1 75
Gelsem., 1-10 grain	1

Compressed Tablet Triturates.

	Per 500
Gelesmin, 1-4 grain.....	1 90
Gelesmin, 1-8 grain.....	1 95
Hepaticine.....	75
Pil. Hydrag. 1-2 gr., Ext. Coloc. Co. 1-2 gr., Ext. Hyoscyam, 1-8 gr.	60
Hepaticine.—Dr. H. J. Kenyon.....	60
Euonymin, 1-8 gr., Podophyllin, 1-80 gr.	50
Ipecac, 1-8 grain, Calomel, 1-8 gr., Aloin, 1-12 gr.	3 75
Homatropin, Hydrobrom., 1-100 grain.....	50
Hydrag. Chlor. Corros., 1-10, 1-12, 1-16, 1-20, 1-30, 1-40, 1-50, 1-60, 1-100, 1-200 and 1-500 grain.....	50
Hydrag. Chlor. Mite, 1-4, 1-8, 1-10, 1-20 and 1-50 grain.....	50
Podophyllin, Resin, 1-50 grain.....	50
Podophyllin, Resin, 1-8, 1-10 and 1-20 grain.....	55
Podophyllin, Resin, 1-4 grain.....	60
Podophyllin, Resin, 1-2 grain.....	65
Potassii Arsenias, 1-20, 1-30, 1-50 and 1-100 grain.....	50
Potassii Arsenitis, 1-30 grain.....	50
Pulv. Ipecac. et Opil U.S.P. Representing 1-2 and 1 grain.....	55
Pulv. Ipecac. et Opil, U.S.P. Representing 1-1-4 grains.....	55
Pulv. Ipecac. et Opil, U.S.P. Representing 1-2 grains.....	75
Pulv. Morph. Comp. U.S.P. (Tully's Powder) 1 gr.	55
Quin. Bi-Sulph., 1-10 grain.....	60
Quin. Bi-Sulph., 1-4 grain.....	75
Quin. Bi-Sulph., 1 grain.....	1 15
Quin. Bi-Sulph., 1 grain.....	1 25
Quin. Sulph., 1-10 grain.....	60
Quin. Sulph., 1-4 grain.....	75
Quin. Sulph., 1 grain.....	1 15
Quin. Sulph., 1 grain.....	1 25
Quin. et Acid Arsen.....	75
Quin. Sulph., 1-4 grain, Acid Arsen, 1-200 gr.	50
Rhei Comp. U.S.P., 1-2 grain.....	20
Saccharine, 1-2 grain.....	20
Saccharine, 1-2 gr. Soda Bicarb., 1-4 gr.	60
Salicinum, 1-2 grain.....	75
Santonin, 1-4 grain.....	1 10
Santonin, 1-2 grain.....	1 10
Santonin et Hydrag. Chlor. Mite.....	80
Santonin, 1-4 grain, Calomel, 1-8 grain.....	80
Santonin et Res. Podophyl.....	80
Santonin, 1-4 grain, Podophyllin, 1-20 grain.....	50
Sodi Arsenias, 1-10, 1-20, 1-50 and 1-100 grain.....	55
Strychnine, 1-50, 1-100 and 1-200 grain.....	50
Strychnine, 1-50, 1-100 and 1-200 grain.....	50
Strychnine Arsenitis, 1-25 and 1-100 grain.....	50
Strychnine Sulphas, 1-20, 1-100 and 1-200 grain.....	55
Strychnine Sulphas, 1-20, 1-30, 1-40, and 1-50 gr.	55
Tinct. Aconiti, 1-4, 1-2, 3-4 and 1 min.....	50

Compressed Tablet Triturates.

	Per 500
Tinct. Aconiti, 2 min.....	55
Tinct. Belladonnae, 1-2, 1 and 2 min.....	50
Tinct. Belladonnae, 5 min.....	50
Tinct. Bryoniae, 1-2, 1, 2 and 5 min.....	50
Tinct. Cannabis Indicae, 1-2 and 1 min.....	50
Tinct. Capsici, 1-5 and 10 min.....	55
Tinct. Colchici, 1 min.....	55
Tinct. Colchici, 3 and 5 min.....	55
Tinct. Digitalis, 1-2, 1 and 3 min.....	55
Tinct. Digitalis, 5 min.....	55
Tinct. Digitalis et Strophanthi.....	25
Tinct. Digitalis, 3 m., Tinct. Strophanthi 2 m.	50
Tinct. Gelesmii, 5 min.....	55
Tinct. Hydrastis, 1 and 2 min.....	50
Tinct. Hydrastis, 3 and 5 min.....	55
Tinct. Hyoscyami, 1 and 2 min.....	50
Tinct. Hyoscyami, 3 min.....	55
Tinct. Ignatie, 1 and 3 min.....	50
Tinct. Ignatie, 5 min.....	55
Tinct. Lobellae, 1, 2 and 3 min.....	50
Tinct. Nucis Vomicae, 1 and 2 min.....	50
Tinct. Nucis Vomicae, 3 min.....	55
Tinct. Opil, 2 min.....	75
Tinct. Opil, 3 min.....	95
Tinct. Opil Camphorata, 2 and 3 min.....	50
Tinct. Physostigmati, 1 min.....	50
Tinct. Physostigmati, 3 and 5 min.....	55
Tinct. Quassiae, 3 and 5 min.....	50
Tinct. Sanguinariae, 1 and 3 min.....	50
Tinct. Sanguinariae, 5 min.....	55
Tinct. Scilla, 1, 2 and 3 min.....	75
Tinct. Senegae, 1 min.....	55
Tinct. Seregae, 3 and 5 min.....	55
Tinct. Stramonii, 1, 3 and 5 min.....	50
Tinct. Strophanthi, 1 min.....	60
Tinct. Strophanthi, 2 min.....	75
Tinct. Valerianae, 2 min.....	50
Tinct. Valerianae, 3 min.....	55
Tinct. Veratri Viridis, 1-2, 1 and 2 min.....	50
Tinct. Zingiberis, 2 and 5 min.....	55
Trinitrin, 1-20, 1-25, 1-35, 1-50, 1-100 and 1-200 gr.	50
Zinci Phosphidum, 1-20 grain.....	55
Zinci Phosphidum, 1-10 grain.....	60
Zinci Phosphidum, 1-4 grain.....	60
Zinci Phosph. et Ext. Nuc. Vom.....	60
Phosph. Zinc, 1-10 gr. Ext. Nuc. Vom. 1-4 gr.	75

Compressed Tablets.

	Per 200
Alkaline and Antiseptic Pastilles.....	75
Potassii Permanganas, 1 grain.....	95

	P. 100
Potassii Permanganas, 2 grains.....	30
Saline and Chalybeate.....	35
(Dr. Flint's formula).....	35
Sulphur et Potasse. Bit.....	35
(Dr. Garrod's formula).....	35
Sulphur Precip., 5 gr., Pot. Bit., 1 gr.	1 60
Terpin. Hydrate Comp.....	1 60
Terpin Hydrate, 2 gr., Ammon. Chlor., 1½ gr., Lobellii Sulph., 1-64 gr.	90
Ammonii Chlorid.....	90
Chlorate Potassium.....	90
Soda Mint.....	1 60

Soluble Hypodermic Tablets.

Readily soluble in warm or cold water. No deterioration from age. Always ready for use. Do not cause local irritation. Perfect accuracy of dose. These tablets are confidently offered to the medical profession as combining every possible merit. Special formula prepared at a few hours notice.

	Price per box of ten tubes.	Price per 100
Apcmorphine Mur., 1-10 grain.....	50	5 00
Apcmorphine Mur., 1-12 grain.....	50	1 00
Apcmorphine Mur., 1-20 grain.....	75	80
Atropine Sulph., 1-100 grain.....	1 15	55
Atropine Sulph., 1-150 grain.....	1 15	55
Cocaine Hydrochlor., 1-6 grain.....	85	1 40
Ergotine, Benjean's, 1-10 grain.....	1 40	65
Hyoscyamine Sulphate, 1-100 grain.....	1 40	65
Morphine Sulph. and Atropine Sulph., No. 1.....	1 65	75
Morph. Sulph. 1-4 grain, Atropine Sulph. 1-150 grain.....	2 00	85
Morphine Sulph. and Atropine Sulph., No. 2.....	2 00	85
Morph. Sulph. 1-2 grain, Atropine Sulph. 1-200 grain.....	2 50	1 00
Morphine Sulph. and Atropine Sulph., No. 3.....	2 50	1 00
Morph. Sulph. 1-2 grain, Atropine Sulph. 1-200 grain.....	2 50	1 00
Morphine Sulph. and Atropine Sulph., No. 4.....	2 50	1 00
Morph. Sulph. 1-2 grain, Atropine Sulph. 1-150 grain.....	2 00	85
Morphine Sulph. and Atropine Sulph., No. 5.....	2 00	85
Morph. Sulph. 1-2 grain, Atropine Sulph. 1-120 grain.....	2 00	85
Morphine Sulph. and Atropine Sulph., No. 6.....	2 00	85
Morph. Sulph. 1-4 grain, Atropine Sulph. 1-50 grain.....	1 65	75

	P. 100
Morphine Sulph. and Atropine Sulph., No. 7.....	2 50
Morphine Sulph. 1-2 grain, Atropine Sulph. 1-120 grain.....	2 50
Morphine Sulph. and Atropine Sulph., No. 8.....	1 50
Morph. Sulph. 1-6 grain, Atropine Sulph. 1-120 grain.....	2 50
Morphine Sulphate 1-4 grain.....	2 50
Morphine Sulphate 1-2 grain.....	2 50
Morphine Sulphate 1-4 grain.....	1 65
Morphine Sulphate 1-6 grain.....	1 50
Morphine Sulphate 1-8 grain.....	1 40
Pilocarpine Mur. 1-10 grain.....	2 10
Pilocarpine Mur. 1-20 grain.....	1 75
Strychnine Sulphate, 1-60 grain.....	1 55
Strychnine Sulphate, 1-100 grain.....	1 15

Soluble Sugar Coated Pills.

In placing our line of Sugar Coated Pills on the Canadian market, we do so with the assurance that they will bear favorable comparison in appearance as well as in medicinal effect with any offered by other manufacturers. We claim for our Sugar Coated Pills perfect purity, and solubility of coating, as well as precision of admixture of mass and absolutely uniformity of weight. Special recipes for Sugar Coated Pills are made to order in quantities of not less than 3,000 Pills; estimates cheerfully furnished.

	100's.	500's.
Aloes, U. S. P.....	35	1 60
Purified Aloes, 2 gr.		
Soap, 2 gr.		
Aloes and Iron, U. S. P.....	25	1 60
Purified Aloes 1 gr. Aromatic Po. 1 gr.		
Iron Sulph. exsic., 1 gr. Confection Rose, q.s.		
Aloes and Myrrh, U. S. P.....	35	1 60
Purified Aloes, 2 gr.		
Myrrh, 1 gr.		
Aromatic Powder, 1-2 gr.		
Aloin, Strychnine and Belladonna.....	50	2 35
Aloin, 1-5 gr.		
Strychnine, 1-60 gr.		
Ext. Belladonna, 1-8 gr.		
Aloin, Strychnine, Belladonna & Ipecac.....	50	2 35
Aloin, 1-4 gr. Ext. Belladonna, 1-8 gr.		
Strychnine 1-60 gr. Ipecac, 1-8 gr.		
Anafeld, 4 gr.....	25	1 60
Blaud's Ferruginous, 3 gr.....	35	1 60
Iron Sulph. exsic., 1-2 gr.		
Potass. carb. 1-2 gr.		
Blaud's Ferruginous, 5 gr.		
Iron Sulph. exsic., 1-2 gr.		
Potass. carb., 2-2 gr.	40	1 85
Blue Mass, 3 gr.....	35	1 60

Blue Mass, 3 gr.....	40	1 85
Calcium Sulphide, 1-10 gr.....	40	1 85
Calcium Sulphide, 1-4 gr.....	40	1 85
Calcium Sulphide, 1-2 gr.....	40	1 85
Calcium Sulphide, 1 gr.....	45	2 10
Cathartic Comp., Improved.....	35	1 60
Ext. Coloc. co. 1 gr.		
Ext. Jalap, 1-2 gr.		
Podophyllin, 1-4 gr.		
Ext. Gentian, 1-2 gr.		
Leptandrin, 1-4 gr.		
Ext. Hyoscyamus, 1-4 gr.		
Oil Peppermint, q. s.		
Cathartic Comp., U. S. P.....	35	1 60
Ext. Coloc. co. 1-3-10 gr.		
Ext. Jalap, 1 gr.		
Calomel, 1 gr.		
Powd. Gamboge, 1-4.		
Emmenagogue, Improved, 4-1-2 grain.....	90	4 35
Ergotin, 1 gr.		
Purified Aloes, 1 gr.		
Oil Sava, 1-2 gr.		
Ext. Black Hellebore, 1 gr.		
Iron Sulph. exsic., 1 gr.		
Manganese Dioxide, 2 grains.....	60	4 35
Morphine Sulphate, 1-8 gr.....	45	2 10
Morphine Sulphate, 1-4 gr.....	65	3 10
Morphine Sulphate, 1-2 gr.....	60	2 85
Podophyllin, 1-8 gr.....	30	1 35
Podophyllin, 1-4 gr.....	30	1 35
Podophyllin, 1-2 gr.....	35	1 60
Potassium Permanganate, 1 gr.....	65	3 10
Potassium Permanganate, 2 gr.....	95	4
Quinine Sulph. 1 gr.....	Market.	
Quinine Sulph. 2 gr.....		
Quinine Sulph. 3 gr.....		

Little Cathartic Granules.

Aloin, 1-10 gr.....		
Podophyllin, 1-2 gr.....		
Podophyllin, 1-5 gr.....		
Ext. Nuc. Vm, 1-8 gr.....		
Ext. Henbane, 1-20 gr.....		
Oleoresin Capsicum, 1-20 gr.....		

Sugar-Coated Pills in Bulk.

	No charge for bottles.	per lb.
Cathartic Comp., U.S.P.....		\$1 75
Cathartic Comp., Imp.....		1 75
Blaud's Ferruginous, 3 gr., white or pink coating.....		1 75
Blaud's Ferruginous, 5 gr., white or pink coating.....		1 50
Blaud's 3 gr. et Acid, Arsenious, 1-40 gr., white or pink coating.....		1 75

DRUGGISTS' ANNOUNCEMENT

WHEN your customers
know that you keep
our goods they will
buy no other

We can confidently recommend the
following specialties:

Hooper's Celebrated Lavender Water

Distilled from Whiteham Oil, the far excellence of all, a lasting and delicate odor.

Hooper's Meloderma

For Summer's Heat and Winter's Cold. Keeping the skin soft and delicate.

Tonic Solution for the Hair.

Hooper's Compound Solution of Camphor.



We
are offering
special
discounts
which will
give a good
retail
profit on
these
preparations



They sell well because our house has an established
reputation for offering to the drug trade of Canada
none but reliable articles.

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DRUGGISTS,

Established 1835

TORONTO.

Being in close correspondence with English and American Chemists, we are the leading
depot for the newer and rarer drugs and chemicals.