

Volume XXVII.

Number 8



# O.A.C REVIEW

May

1 9 1 5

Graduation  
Number



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# Farm Boys

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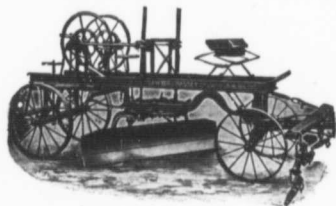
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Established 1836 **MADE IN CANADA** Established 1836

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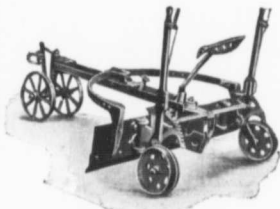
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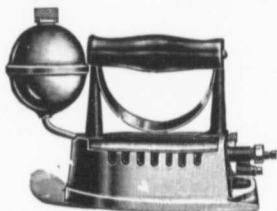
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**"MAPLE LEAF"  
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Contains over  
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33% Carbo-Hydrate

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A complete revolution of the styles of a few months ago; a wonderful showing of smart tailored suits at such popular prices as \$25.00, \$30.00 and \$35.00; these facts combine to show Madame that a charming new spring suit should be here without delay.

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We give our best attention to all Mail Orders, and shall be glad to send catalogues to all who will fill in and mail us this coupon.

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Gentlemen.— Please send your Spring  
Catalogue No. 15 to

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**T**HE tranquil St. Lawrence, with its thousand islands; the "rapids" of the Long Sault; the brief sojourn in the land of the French-Canadian habitant; the wonderful Saguenay River trip, and picturesque Cape Trinity.

All this forms a holiday unequalled in diversity of interest, and with comfort supreme on the steamers of the Canada Steamship Lines Limited.

Round trip Niagara Falls to Chicoutimi and return ..... **\$34.60**

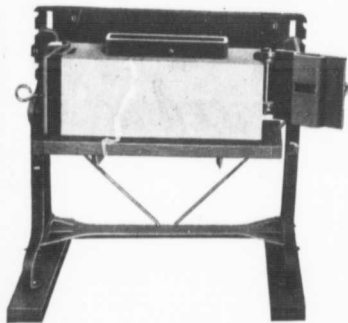
**CANADA STEAMSHIP LINES LIMITED**

Write the Passenger Traffic Manager, 9 Victoria Square, Montreal, for the book, "Niagara to the Sea."

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Has fewer parts than any other machine, but is adjustable for wide range of work, making blocks of all sizes up to 12 x 20 inches. Making perfect blocks.

Vertical drawn cores allow the use of much wetter material than is otherwise possible, making stronger, more dense and moisture-proof blocks.



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BAG HOLDER

Write for particulars.

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(IMPROVED CONCRETE MACHINERY)

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NO matter what kind of ammunition you may need—.22 cartridges for targets, small game, traps, or high velocity cartridges for big game—there is a Dominion metallic or shot shell to meet your requirements.

**Dominion Ammunition**  
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is perfect in every detail of manufacture. Best materials—highest quality—highest inspection—thorough testing counts. You are sure to get the most accurate and most perfect shooting results. You are sure to get the most accurate and most perfect shooting results. You are sure to get the most accurate and most perfect shooting results.

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TO MAKE EACH JOB ADD  
TO OUR NAME AS GOOD  
QUALITY PRINTERS. NO  
BIG "OVERHEAD" EXPENSE  
—SO THE PRICE MUST BE  
RIGHT.

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Printing Co'y, Limited  
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THE MARK OF GOOD PRINTING  
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## When the "top soil" wears out

OPEN up the rich subsoil with CXL Stumping Powder. The subsoil is as full now of plant food as when the land was first cultivated.

And you can obtain this valuable plant food—restore the original fertility of your soil quickly, surely and with little labor.

We will instruct you in the use of CXL Stumping Powder, and show you dozens of ways to add to your farm's productiveness

No more dangerous than gun powder. There's a CXL explosive for every blasting purpose.

*Send for free booklet  
"Farming with Dynamite"*

**Canadian Explosives Limited**  
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## One Egg in Winter is Worth Three in Spring

Therefore see to it that you get Winter Eggs.

### Gunns "Shur-Gain" Beef Scrap

Is the best known means to attain this end. It supplies the necessary protein, and is a substitute for the insect life consumed by the fowl in Summer.

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WILLIAM BRIGGS, Publisher

29-37 Richmond Street West

Toronto, Ont.

# OFFICIAL CALENDAR

OF THE

## DEPARTMENT OF EDUCATION, FOR THE YEAR 1915

### MAY.

1. University of Toronto examinations in Arts, Law, Pharmacy, Music and Agriculture begin. Inspectors report number of candidates for Senior High School Entrance, Senior Public School Graduation Diploma and the Model School Entrance examinations and the Lower School examination for Entrance into the Normal Schools and Faculties of Education.
7. ARBOR DAY. (1st Friday in May).
14. Notice by candidates to Inspectors due for the following examinations—The Middle School examination for Entrance into the Normal Schools; the Upper School examination for entrance into the Faculties of Education; the Pass and Honour Matriculation examinations. (Before May 15th.)
16. Inspectors report number of Candidates for above examinations. (Not later than May 16th.)
21. EMPIRE DAY. (1st school day before the 24th of May.)
24. VICTORIA DAY (Monday).
25. Clerk of the Municipality to be notified by Separate School supporters of their withdrawal. (Before 4th Wednesday in May).
31. Assessors to settle basis of taxation in Union School Sections. (Before 1st June).

### JUNE.

1. Collectors in Unorganized Townships to report to Sheriff uncollected rates for previous year. (On or before 1st June).  
Assessor in Unorganized Townships to return assessment roll. (Not later than 1st June).  
Public and Separate School Boards and County Council to appoint representatives on the High School Entrance Boards of Examiners. (On or before 1st June).  
By-law to alter school boundaries or form Consolidated School Sections—last day of passing. (Not later than 1st June).
3. King's Birthday (Thursday).
7. Normal School Final examination begins.
9. Upper School examination for Entrance into the Faculties of Education and Honour and Scholarship Matriculation examinations begin.
11. Pharmacy Matriculation examination begins.  
Provincial Normal Schools close.  
University commencement.
14. University Pass Matriculation, Senior High School Entrance and Senior Public School Graduation Diploma examinations, and the examination for Entrance into the Model Schools begin.

Please mention the O. A. C. REVIEW when answering advertisements.



It Helps make the  
Housework Easier.

## Massey-Harris Cream Separator

Has large Skimming Surface.

The Improved Split Wing distributes the milk uniformly to the Skimming Discs.

The Bowl and all its parts are heavily Nickel-Plated over Copper—Easy to Wash and Rust-Proof.

The inside of Frame surrounding the Bowl is White Enamel.

The Self-Balancing Bowl reduces vibration to the minimum.

The Gears run smoothly and easily and are well protected by Shields.

Bowl is separate from the Spindle.

Effective Oiling by the Splash System.

Low, Non-Splashing Supply  
Can.

A Reliable Speed Indicator

Makes it an easy matter to  
maintain a Uniform Speed.

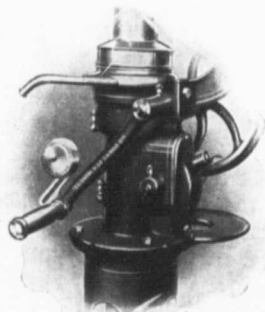


**MASSEY-HARRIS CO., Limited**  
Head Offices—Toronto, Can.

— Branches at —

Montreal, Moncton, Winnipeg, Regina,  
Saskatoon, Swift Current, Yorkton,  
Calgary, Edmonton.

— Agencies Everywhere —



## FARMING FOR PROFIT

Farming to-day is nothing like the monotonous drudgery it used to be years ago. Intelligent efforts have been put forward in all directions to make farm work easier, pleasanter and more profitable. And nothing has done more to further this than

### LOUDEN BARN EQUIPMENTS

For forty-seven years Louden Equipments have been the pioneers in their own particular field. They are to be found wherever good farming is done. They eliminate the drudgery of farm work and add to the profit-making side of it. Your own studies will be more helpful and interesting if you make yourself familiar with Louden Equipments. Send to us for a free copy of the Louden Booklet.

See Louden Equipments in use at the O. A. C.

**LOUDEN MACHINERY COMPANY.**  
Guelph, Ont.

To Live In

To Make Money In

To Work In

# ONTARIO

is still the best Province in  
the Dominion

Ontario has great agricultural opportunities for fruit farms, dairy farms, mixed farms, or for very cheap farm lands in the clay belt. In planning your future and in talking to your friends keep these things in mind.

HON. J. S. DUFF,  
*Minister of Agriculture, Toronto, Ont.*

H. A. MACDONALD,  
*Director of Colonization, Toronto, Ont.*



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The O. A. C. Review is published by the "O. A. College Students' Publishing Association," O. A. College, Guelph, Canada, monthly, during the college year.

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**"ROYAL GIANT"** **SUGAR BEET**



GROWS HEAVY CROPS EASILY HARVESTED.

LARGE CLEAN ROOTS. HIGHEST FEEDING QUALITY.

The Steele, Briggs SEED CO. LIMITED. TORONTO, ONT.

To PRODUCE the  
BEST CROPS

**S O W**

O. A. C. No. 72 and  
Yellow Russian

**O A T S**

THE BEST VARIETIES

O. A. C. NO. 72 is a new white oat, with very thin hull and long strong straw. Stands up well and is a splendid yielder. Price \$2.00 per bushel. Ten-bushel lots, \$1.90. Bags, 30c.

"YELLOW RUSSIAN"—A grand new oat, standing up well in storms. In 1913 and 1914 this oat received first prize, both at Toronto and Ottawa. Price, \$1.25 per bushel. Ten-bushel lots \$1.20. Bags, 30c.

We have an excellent stock of Wheat, White Russian; Wheat, Red Fife; Wheat, Marquis Genuine; Oats, Improved American Banner; and Spring Rye.

**STEELE, BRIGGS'**

**"Royal Giant" Sugar Beet**

A distinct type of Sugar Beet, producing not only a "Royal" good crop but roots of giant size and richest feeding quality. Gives a yield of nearly 50 tons of clean roots per acre. The roots are three-fourths their length out of the ground. They are so easily harvested that they may be turned out by a push of the foot, free from small or prongy roots. The color of the roots is a bronzy-green nearest the top, the body a light green shaded, changing to a bright rose above ground, the tip a lighter shade of rose. The flesh is white, solid, tender and very sweet and imparts a rich pleasant flavor to dairy products when fed to milch cows. Sold only in sealed packages. Price lb. 30c; (lb. 42c postpaid).

STEELE BRIGGS' "Prize Mammoth Long Red" Mangel. Per lb. 30c; postpaid 42c.

STEELE BRIGGS' "Giant Yellow Oval" Mangel. Per lb. 30c; postpaid 42c.

STEELE BRIGGS' "Giant White Sugar" Mangel. Per lb. 30c; postpaid 42c.

On Sale by Local Dealers Everywhere.

**Steele, Briggs Seed Company Limited**

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WINNIPEG, MAN. 88-N

THE **LISTER MILKER**  
BRITISH BUILT  
*"Follows Nature"*

Over a thousand in Use.

NEVER BEATEN IN COMPETITION.

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TORONTO-WINNIPEG-QUEBEC-ST. JOHN, N.B.  
HEAD OFFICE & SHOWROOMS-STEWART ST. TORONTO  
WORKS: DURSLEY, ENGLAND.

## Agricultural Survey of Ontario 1914

By W. R. White, '15.

ON April 8th, 1910, an act was passed by the Canadian Parliament establishing a commission for the conservation of natural resources. The commission has no executive or administrative powers. Its constitution empowers it to investigate and collect detailed and exact information on every subject which may be regarded by its members as related to the conservation of natural resources; its duty then to advise ways and means for their effective conservation and economical use.

In the summer of 1910, the Public Lands Committee of the Commission of Conservation began an inquiry into the state of agriculture in Canada by means of an agricultural

survey of representative areas in each province. Such surveys have been made annually since that time. During the past summer, the writer was employed in conducting the survey in the Province of Ontario, and visited one group of forty contiguous farms in each of the following counties: Renfrew, Peterboro, Middlesex and Simcoe, and also a similar group in Temiskaming District, in the immediate vicinity of New Liskeard. Information was collected regarding rotation of crops, seed improvement, manures and fertilizers, weeds, insect pests and plant diseases, live stock, water and wood supply and labor conditions. The results obtained are considered to be fairly representative of the condi-

tions in the province, and serve as a guide to the Commission of Conservation in making recommendations to the Government regarding means and methods of improving Canadian agriculture.

It would be impossible here to give in detail the results of the survey, but a brief summary of some of the conditions observed may be of interest.

Comparatively few farmers adhere strictly to a definite rotation of crops on their farms. The great majority follow a more or less indefinite rotation, the nature and length of which is largely regulated by convenience, scarcity of labor, and seasonal conditions. While the value of first-class seed grain is generally recognized, there is a lamentable lack of systematic methods employed to secure it. Practically every farmer uses the fanning mill, but not always to the best advantage, and up to the present the hand selection of seed seems to be regarded only as an ideal. On the whole the manure is handled in a fairly satisfactory manner, but more attention should be paid to the prevention of loss by evaporation and leaking. Commercial fertilizers are little used in mixed farming districts. Where they have been applied opinions are very diverse as to their value, due largely to the fact that they have been used without a proper knowledge of soil requirements or of the chemical nature of the fertilizer used.

Many and loud were the complaints of weed seeds in purchased clover and timothy. It was the concensus of opinion that there should be more rigid inspection, but if the farmers were better trained in the identification of harmful weeds they would refuse to buy impure seed. Many good

farmers are becoming discouraged from the carelessness of their neighbors who seem to view with unconcern the onward march of the sow-thistle and other noxious weeds.

While every farmer knows the potato beetle and how to control it, yet numerous other insect pests and plant diseases are his unseen foes. Many farmers threw up their hands in utter despair when their crops were attacked by the army worm. Greater scientific knowledge is much needed in combating these enemies. The annual loss due to smuts and rusts of grain, and to other plant diseases and insect pests is enormous, and could be greatly lessened if the farmers were better informed regarding control and remedial measures.

Live stock conditions vary greatly in the different counties, but generally speaking the best quality of live stock is found in the oldest settled districts. The value of pure-bred sires does not yet seem to be fully recognized, and especially is this true in newly-settled districts, such as Temiskaming. It is a notable feature that so few sheep are kept by Ontario farmers in spite of the fact that conditions would seem favorable for sheep-raising. Many acres of land which are now unproductive might be profitably utilized for the pasturing of sheep.

Wells form the chief source of water supply, both for domestic use and for animals. While the house well is usually isolated from sources of contamination, yet too frequently the stock well is so situated that contamination either from surface drainage or seepage, or both, is almost certain.

During the past season the farm



# "Metallic" Building Materials

Are Famous All Over Canada For Their  
Durability and Economy

If you are about to build a new barn or repair an old one, you will do well to post yourself on the superior value of "Metallic" materials. We have a reputation of over 30 years successful business with Canadian farmers. "Metallic" shingles, corrugated iron, roof lights, ventilators, siding, ceiling and wall plates have a wonderful reputation for honest materials, careful, accurate manufacture and sterling durability. We have all the information ready to mail you in book form, waiting your request.



## THE FAMOUS "EASTLAKE" STEEL SHINGLE

Is the original and most successful of all the steel shingles in use. "Eastlake" Shingles laid 30 years ago are in splendid shape to-day. Their heavy zinc coating and high-grade steel, with special patent, economical, easy-laying features, have given them wonderful favor. Booklet free.

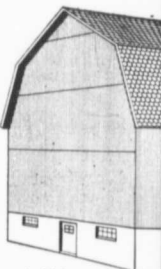
## "METALLIC" STEEL PLATES FOR THE HOME

Don't neglect your home. Get our suggestions and prices on how to make your ceilings and walls beautiful, fire-retardant and all but imperishable. Patterns are new, exclusive and handsomely embossed. "Metallic" Sheets are easily laid over plaster.

"Metallic" materials are British through and through. No "Keystone" or other foreign-made sheets used.

Shingles, Ceiling, Corrugated Iron,  
Barn Roof Lights and Ventilators.

The Metallic Roofing Co., Limited, Manufacturers, King and Dufferin Sts., Toronto.



labor problem has assumed a somewhat different aspect than it presented previously. The question at present is not so much one of supply as of the quality of labor that the market offers. Many suggestions were made by the farmers regarding the solution of the labor problem, some of

which are worthy of consideration, but most of which are quite impracticable. It is clear that many farmers are adopting a system of farming which minimizes the necessity for hired labor, rather than employ such incompetent and unreliable help as is available.

## Locals

He was a young man, sentimental, and wanted to be complimentary. Coming on the train at Portsmouth, he looked at me quizzically and inquired:

"I beg pardon, sir, but might I ask you if you—if you are the gentleman who lectured in Portsmouth last night."

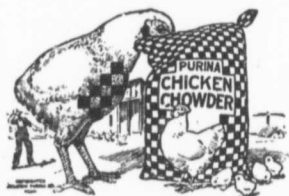
"I am," I said with a feeling of pride.

"Well, I want to thank you for that lecture. I don't know

when I ever enjoyed myself more."

"You are very complimentary," I said, blushing with pride. "I am very glad that my humble effort was worthy of your praise."

"Yes," continued the young man, "it did give me immense pleasure. You see, I am engaged to a Portsmouth girl, and her three sisters all went and I had my girl in the parlor all alone to myself. I do hope you will lecture here again."



Keep It Before Them All the Time  
and Watch Them Grow

## PURINA CHICK FEED

SAVES BABY CHICKS  
And Makes Them Round and Healthy  
FOR PROFIT  
Feed Purina Chick Feed and Purina  
Chowder to your laying hens.

Write us for 1915 Checkerboard  
Booklet.

**THE CHISHOLM MILLING CO.**  
TORONTO.

## Locals

### WHAT WOULD HAPPEN—

- If Caplain agreed with a professor?
- If Beaumont said a bad word?
- If Windy lost his voice?
- If a horse kicked Townsend?
- If Adam raised his voice?
- If Lackner fused?
- If Ad Burrows rode on a street car?
- If Glavin told a lie?
- If Ben Langley saw an egg?
- If 3rd Year marks for Public speaking were written in Chinese instead of French?
- If R. J. Bryden bought the smokes?
- If Clark didn't have his trousers creased?
- If Rowland wore a collar at breakfast?

RENNIE'S SEEDS  
FOR CANADA



## Rennies Seeds Always Grow

THE BEST VEGETABLES AND THE FINEST FLOWERS  
CANADA'S OPPORTUNITY—Every foot of fertile soil in Canada must be sown and cultivated to its limit this season. The world needs all the products of the soil we can sow during 1915. While our supplies are large, we advise ordering seeds immediately in case of shortage, as the demand will be enormous.

### RENNIE'S SUPERB ASTERS.

Asters are one of the most important summer and autumn flowers, and received special care at our hands. Yearly exhaustive tests of both home-grown and imported stocks are made with a view to offering only the choicest kinds regardless of cost. As a result of this care our list comprises only such sorts as can be planted with perfect confidence that nothing better is procurable, no matter at what price or from what source.

### GIANT CREGO ASTER.

The Crego Aster is the largest flowered type of any branching asters. The immense flowers have double length petals, ruffled, twisted, curled. Many blooms measure five to six inches in diameter. All plants come true to type. Mr. Crego's methods of seed selection are unsparingly systematic, hence the stock of seed is even yet very limited. Originator's stock seed. Mixed colors, 25c.

## WM. RENNIE COMPANY, Limited

Head Offices and Warehouses: Adelaide and Jarvis Streets, Toronto. Branches, 190 McGill Street, Montreal, Que.; 1138 Homer St., Vancouver, B. C.; 394 Portage Ave., Winnipeg, Man.

A Copy of Our New Seed Book—FREE—Write today.

Please mention the O. A. C. REVIEW when answering advertisements.

# Your Appearance is Important!

Between the unshaven cheek of the sloven and the unctuous jowl of the much-barbered fop comes the clean, fresh face of the man who shaves himself with a



# Gillette Safety Razor

Shaving with the GILLETTE is so quick and easy that there is no temptation to neglect it—and so smooth and comfortable that an after-dressing of soothing lotions is not necessary.

The GILLETTE shave is the choice of clean-cut, self-reliant men the world over. The GILLETTE face is a winner.

Standard Gillette Sets cost \$5.00—Handy Pocket Editions \$5.00 to \$6.00—

Luxurious Combination Sets from \$6.50 up. At Drug, Jewelry and Hardware Stores.

Gillette Safety Razor Co. of Canada, Ltd.

OFFICE AND FACTORY



KNOW THE

WORLD OVER

The New Gillette Building - - Montreal



**Prize butter  
is made with  
Windsor  
Dairy Salt**  
(Made in Canada) 156

## Locals

The man above all others I can't understand is the one who tries to tell himself a lie.

Nothing is possible to him who dreams only of what might have been; when Hope is gone, comes Fear and Slavery.

The knocking habit is a self-generated acid which eats into energy and corrodes enterprise.

### FARMERS—ATTENTION!

**FOR SALE**—The Formula for the best preparation you ever used, for killing the Colorado Beetle or common Potato Bug (soft or hard); without injuring the plant. Can be used with same success on berry bushes and for the Turnip Fly. Is also a valuable fertilizer, gives you a better yield and prevents dry rot. Made and sold over my own counter, the first year, 200 lbs., the 5th year over 5 tons. Is easy to make and easily applied. This is no fake, but a genuine offer. For full particulars, apply to "Druggist," 550 Concession St., Hamilton, Ont.

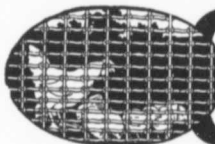
**For You—a Wonderful Book on  
Farm Drainage—FREE!!**

Do you know you can take as much crop off 100 acres properly drained as you can off 200 acres not drained and save half the labor? It's a fact. Do you know that proper, inexpensive tile drainage assists pulverization—lengthens the season—prevents surface washing, makes your land lighter to work, prevents drought and increases the quantity and improves the quality of your crops?

Why not have us send you, today, free of charge, a very interesting booklet on this subject? Much to learn—nothing to pay. Don't neglect anything that will help you grow better, bigger crops. Proper drainage means as much at two dollars in your bank account for every one that goes there now, and the Government lends you money for the Tile, if desired.

Write us today. Mention this paper. Your book is waiting.

**DOMINION SEWER PIPE COMPANY, Ltd.**  
Swansea, Ontario



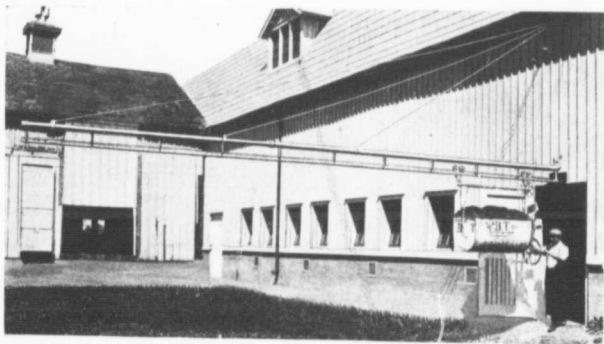
### PEERLESS POULTRY FENCE

**A Real Fence—Not Netting**

Strongly made and closely spaced—making it a complete barrier against large animals as well as small poultry. Top and bottom wires No. 9—intermediate wires No. 12 wire—made by the Open Hearth process which time and other tests have proven to be the best. Send for catalog. Ask about our farm and ornamental fencing. Agents nearly everywhere. Agents wanted in unassigned territory.

**The Benwell-Hoxie Wire Fence Company, Ltd.**  
Windsor, Kan., Hamilton, Ont.





## BT Litter Carrier In O.A.C. Barn, Guelph

See for yourself how well the big BT Litter Carrier works in the new Dairy Barn. See what a simple, easy job it makes of stable cleaning. A hundred times easier and a hundred times cleaner than the old wheelbarrow way. Note the clean hand-wheel windlass to use as a handle in pushing and in raising and lowering—your hands don't touch the manure. See how simple and strong is every part of the BT Outfit. There is durability and satisfaction built into every inch of it. The BT stands for the Best.

Write

Beatty Bros., Limited, Fergus, Ont.,

for books illustrating BT Litter Carriers, Feed Carriers, Galvanized Steel Stalls, Iron Columns, Horse Stable Fittings, etc.

# BT STANDS FOR BEST

Please mention the O. A. C. REVIEW when answering advertisements.

## Consider the Empire Bowl and Its Bearings

See how scientifically and effectively friction has been eliminated as far as it is humanly possible to do so.

In the first place the *Empire* bowl is twenty per cent. lighter than any other disc bowl of equal capacity—resulting in a great saving of power and wear.

Then see that there is only one "closed" bearing on the bowl spindle. Other machines must have two, and "closed" bearings mean friction—wear, work and repairs.

The only closed bearing on the *Empire* spindle is the neck bearing. The "three-ball-bearing" at the bottom of the spindle (see arrow) makes a closed bearing unnecessary at the bottom. This bearing (shown in detail at the right) is as nearly frictionless and wear-proof as is possible. The three balls keep the hardened steel point of the spindle accurately centred without the use of a closed bearing at the bottom and are one of the secrets of the *Empire's* light running. The point of the spindle and the balls are of steel, tempered to a hardness that will scratch glass—practically wear-proof. This bearing is adjustable and supported on a small felt cushion to absorb vibration.

## EMPIRE DISC SEPARATOR

you will find the same sort of features. That's what accounts for *Empire* supremacy.

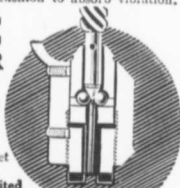
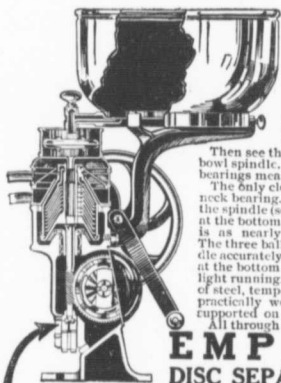
Write for our book on *Empire Separators*, or if you keep only one or two cows the "Baltic" Separator, selling as low as \$15. Write for book on the *Empire Sta-Rite Gasoline Engine*.

### THE EMPIRE MECHANICAL MILKER

is revolutionizing the dairy industry. Write for booklet and information about it.

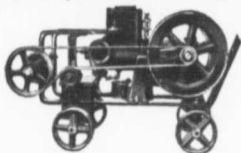
The Empire Cream Separator Co. of Canada, Limited  
Dept. A Toronto and Winnipeg

Agents wanted in unoccupied territory.



## "Goes Like Sixty"

Engines, Grinders, Wood Saws  
Ensilage Cutters, Spraying  
Outfits, Pumps, Washing Ma-  
chines, Speed Governors, Etc.



Gilson Engines have special exclusive features which put them in a class by themselves. Every man who gets a "GOES LIKE SIXTY" engine secures for himself

"Safety, Service and Satisfaction"

PRICES RIGHT—EASY TERMS

Write for full particulars and our new illustrated catalogue.

**Gilson Manufacturing Co. Ltd.**

52 YORK STREET - - GUELPH, ONT.

## Greenhouse GLASS

SINGLE AND DOUBLE STRENGTH

Special Make, Flat  
and Nicely Cut Edges

The Toronto Plate Glass Im-  
porting Co., Ltd.

91-133 Don Roadway - Toronto

## Locals

No matter how many times a man's heart is shattered, it is always good for another break.

The only public place where kissing is considered proper is at the railroad station.

A girl's idea of a coward is a young man who is afraid to propose.

A sense of duty may not be the highest motive, but the best men are moved by it.

The greatest of all faults is to be conscious of none.—CARLYLE.

Comfort, Convenience, Courtesy.



## Hotel Carls-Rite

"The House of Comfort"

Opposite the Union Station,

TORONTO

American Plan, \$2.50 per day

European Plan, \$1.00 per day.

R. S. HUBBELL, MANAGER,

Late of the Waldorf-Astoria Hotel,

New York.

Please mention the O. A. C. REVIEW when answering advertisements.

## THIS WASHER MUST PAY FOR ITSELF

A MAN tried to sell me a horse once. He said it was a fine horse and had nothing the matter with it. I wanted a fine horse, but, I didn't know anything about horses much. And I didn't know the man very well either.

So I told him I wanted to try the horse for a month. He said "All right, but pay me first, and I'll give you back your money if the horse isn't alright."

Well, I didn't like that. I was afraid the horse wasn't "alright" and that I might have to whistle for my money if I once parted with it. So I didn't buy the horse, although I wanted it badly. Now this set me thinking.

You see I make Washing Machines—the "1900 Gravity" Washer.

And I said to myself, lots of people may think about my Washing Machine as I thought about the horse, and about the man who owned it.

But I'd never know, because they wouldn't write and tell me. You see, I sell my Washing Machines by mail. I have sold over half a million that way. So, thought I, it is only fair enough, to let people try my Washing Machines for a month, before they pay for them, just as I wanted to try the horse.

Now, I know what our "1900 Gravity" Washer will do. I know it will wash the clothes, without tearing or staining them, in less than half the time they can be washed by hand or by any other machine.

I know it will wash a tub full of very dirty clothes in six minutes. I know no other machine ever invented can do that without wearing the clothes. Our "1900 Gravity" Washer does the work so easy that a child can run it almost as well as a strong woman, and it doesn't wear the clothes, fray the edges nor break buttons, the way all other machines do.

It just drives soapy water clear through the fibres of the clothes like a force pump might.

So, said I to myself, I will do with my "1900 Gravity" Washer what I wanted the man to do with the horse. Only I won't wait for people to ask me. I'll offer first, and I'll make good the offer every time.

Let me send you a "1900 Gravity" Washer on a month's free trial. I'll pay the freight out of my own pocket, and if you don't want the machine after you've used it a month, I'll take it back and pay the freight, too. Surely that is fair enough, isn't it?

Doesn't it prove that the "1900 Gravity" Washer must be all that I say it is?

And you can pay me out of what it saves for you. It will save its whole cost in a few months in wear and tear on the clothes alone. And then it will save 50 to 75 cents a week over that on washwoman's wages. If you keep the machine after the month's trial, I'll let you pay for it out of what it saves you. If it saves you 50 cents a week, send me 50c a week till paid for. I'll be that cheerfully, and I'll wait for my money until the machine itself earns the balance.

Drop me a line to-day, and let me send you a look about the "1900 Gravity" Washer that washes clothes in six minutes.



Our "Gravity" design gives greatest convenience, as well as ease of operation with quick and thorough work. Do not overlook the detachable tub feature.

Address me personally,

A. J. Morris, Manager.

"1900" Washer Co.,

357 Yonge St., Toronto, Canada.

(Factory 79-81 Portland St.)

... THE ...  
*New Spring Fashions*

HIGH-CLASS LADIES' TAILORING  
 AND TAILORED DRESSES

We are always to the front with the latest fashions and goods. Try us and you will come again and send your friends.

*J. N. LANE*

*Ladies' Tailor*

*Masonic Block, Quebec Street, Guelph*

WHY PAY TWO PRICES FOR YOUR CLOTHING  
 THEY COME DIRECT FROM THE MILL TO YOU

Suit or Overcoat to Order

NO  
 MORE

\$15.<sup>00</sup>

NO  
 LESS

MADE BY

The Scotland Woolen Mills Co. Limited

SALES AGENTS:

KING EDWARD CLOTHING CO.

OPPOSITE CITY HALL



## Ontario Veterinary College

Under the Control of the Department of  
Agriculture of Ontario

Affiliated with the University of Toronto

Established by Professor Andrew Smith, F.  
R.C.V.S., D.V.S., in 1862, under the aus-  
pices of the Upper Canada Board of  
Agriculture and taken over by the Gov-  
ernment of Ontario, 1908.

COLLEGE REOPENS ON THURSDAY,  
OCTOBER 1st, 1914.

Calendar, 1914-1915 Sent on Application.

E. A. A. GRANGE, V.S., M.S.,  
Principal

110 University Avenue. Toronto, Canada.

## PHYSICAL CHEMICAL & BIOLOGICAL APPARATUS

Send particulars of your  
requirements and we will  
gladly furnish quotations

The Geo. M. Hendry  
Company, Limited

Educational Equipment,  
215-219 Victoria St., Toronto,  
Ontario.

## Spring Athletic Goods

We carry a full line of

Baseball, Cricket and Tennis Supplies

Every requisite for the

Runner, Swimmer and Footballer

WRITE FOR OUR SPRING CATALOGUE

## John Brotherton

578-580 YONGE STREET

TORONTO



Make your  
**KODAK**

*Autographic*

**T**HE biggest new thing, the most important photographic development in two decades, is the Autographic Kodak. It makes the record authentic; answers the questions: **When did I make this? Where was this taken?** Every negative that is worth taking is worth such date and title, and with the Autographic Kodak you make the record, almost instantly, on the film.

It's all very simple. Open the door in the back of Kodak, write the desired data on the red paper with pencil or stylus, expose for a second or so, close the door. When the film is developed, the records will appear on the intersections between the films.

This autograph feature having been incorporated in all of the most important Kodak models, we have now arranged to take care of our old customers by supplying Autographic Backs for all Kodaks of these models.

The old camera can be brought up to date at small cost, **and there is no extra charge for autographic film.** Make your Kodak Autographic.

PRICE-LIST OF AUTOGRAPHIC BACKS.

No. 1 Kodak Junior, - -	\$2.50	No. 4 Folding Pocket Kodak, -	\$4.00
No. 1A Kodak Junior, - -	3.00	No. 4A Folding Kodak, - -	4.50
No. 1A Folding Pocket Kodak, R.		No. 1A Special Kodak, - -	4.00
R. Type, - - - -	3.50	No. 3 Special Kodak, - -	4.00
No. 3 Folding Pocket Kodak, -	3.50	No. 3A Special Kodak, -	4.25
No. 3A Folding Pocket Kodak,	3.75		

**CANADIAN KODAK CO., Limited.**

Ask your dealer, or write us for  
Autographic Booklet.

**Toronto**

# 10,000 FARMERS WANTED

## To Stand Behind the Sarnia Metal Products Co. Limited, and the Organized Farmers in a Great Co-Operative Proposition

We want every farmer in Canada that contemplates using Corrugated Iron, Metal Shingles or any other Sheet Metal Building Materials, to write us at once for information of our new co-operative plan by which we are supplying the farmers of Canada with Sheet Metal Building Materials at the lowest possible cost.

### \$25.00 to \$50.00 Saved Every Farmer

#### QUALITY

We guarantee the galvanized iron used in the manufacture of Sarnia Metal Products to be equal to that of any iron used by any manufacturer in Canada in the manufacture of similar lines of roofing products which they are selling to the farmer, at the time of advertising, at an advance of 25 to 50 per cent. above the prices we are quoting. And please remember that all Sarnia Metal Products are made from galvanized iron of a quality specified by the organized farmers themselves.

#### PRICE

By an agreement with the farm organizations we have agreed to supply all farmers with sheet metal building materials at a small percentage in advance of the cost of our raw materials, leaving the control of the selling price in the farmers' hands. We have estimated our profits on a very large volume of business, and every order you send us will help in making our price still lower.

#### SERVICE

Our factory at Sarnia, just completed, is the most modern factory in Canada for the manufacture of the lines we offer, and we carry such large stocks and are situated in such an advantageous location that it is possible for us to make the quickest possible delivery of orders.

## A Vital Question

If approached by another company or its agent in an endeavor to sell you Corrugated Iron, etc., simply ask them what they would supply you the same material for if it were not for the Sarnia Metal Products Company, Limited, and its co-operative plan. We have some information in regard to the plan used in the endeavor of others to head off our business, which proves very interesting reading.

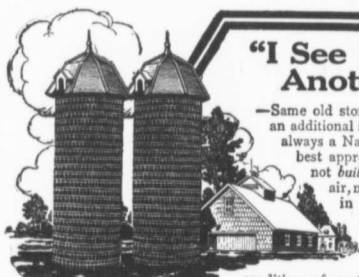
If you contemplate the erection of any new buildings or the re-roofing of any already built, please send us a rough sketch, and we will do the rest.

WRITE AT ONCE TO HEAD OFFICE.

## THE SARNIA METAL PRODUCTS CO. Limited

### SARNIA, CANADA

Our lines are sold and distributed through the United Farmers' Co-Operative Company of Ontario.



## "I See Bill Erected Another Natco"

—Same old story. Bigger profits, more stock, an additional silo. And why is the second silo always a Natco, too? The reasons why are best appreciated by owners of other silos not built for good, whose walls are not air, moisture and frost-proof, resulting in much spoiled ensilage. The Natco stands year in and year out just as the day it was erected, yielding sweet, succulent silage in all parts, through all

conditions of weather. Better benefit by the experience of others and erect the silo that's windproof, decayproof, fire-proof and verminproof—the

### NATCO EVERLASTING SILO

*"The Silo That Lasts For Generations"*

It's built of hollow vitrified clay tile which will endure forever, and whose glazed surfaces absorb no moisture and totally exclude air and frost. It's reinforced by bands of steel laid in the mortar, and can resist all wind and silage pressures; thus a taller silo with a smaller diameter can be erected for there is no danger of a blowdown. Plan for your new silo now. Send today for a list of Natco owners in your province and ask for Catalog 7

National Fire Proofing Company of Canada, Ltd.  
Toronto, Ont.

Made  
in  
Canada

## CANADIAN PACIFIC NEW LIMITED TRAINS

"THE CANADIAN"

Between

MONTREAL, TORONTO, DETROIT, CHICAGO Via CANADIAN PACIFIC and MICHIGAN CENTRAL RAILROADS

via Michigan Central Gigantic Steel Tubes between Windsor and Detroit. Leaving Montreal 8:45 a.m.; Toronto 6:10 p.m., arriving Detroit 12:35 a.m. and Chicago 7:45 a.m. daily.

Equally good service returning.

Through Electric Lighted Equipment.

### TORONTO—WINNIPEG—VANCOUVER

Toronto-Vancouver Express No. 3 leaves Toronto 5:55 p.m. daily. Vancouver-Toronto Express No. 4 arrives Toronto 11:45 a.m. daily. Manitoba Express No. 7 leaves Toronto daily except Sunday 10:50 p.m., arriving Winnipeg second day. Ontario Express No. 8 leaves Winnipeg 9:25 p.m. and arrives Toronto 5:15 p.m. daily except Tuesday.

For further particulars apply to Canadian Pacific Ticket Agents or write M. G. MURPHY, D. P. A., C. P. Ry., Toronto, or J. Hefferman, C. P. & T. A., 32 Wyndham St.

Please mention the O. A. C. REVIEW when answering advertisements.

## GREENHOUSES FOR THE FARMER

The possibilities of raising many fruits and vegetables under glass are attracting the attention of farmers.

Hot-house products command high prices and find ready market, and the greenhouse also affords a means of propagating plants, to be set out later, for very early vegetables.

If you intend building this year look into our proposition NOW and get early returns. We have designed a special house for farm use, which is constructed to give the highest efficiency at low upkeep and operating expense.

We will be glad to send you further information about farm green-houses. Write for it to Dept. A.

### GLASS GARDEN BUILDERS, LIMITED

Makers of Greenhouses, Heating and Ventilating Apparatus, etc.

201 CHURCH ST. TORONTO

P. O. BOX 1042, MONTREAL

## Sweater Coats and Sweaters To Order



Our goods are all HAND-FINISHED.  
They do not fray at edges and button-  
holes.

The pockets wear as long as the coats.  
Write for prices.



*Thos. Warren*

359 Spadina Ave.  
TORONTO



## Wayne Steel Tanks

Do not buy wooden tanks or build concrete ones until you have investigated the WAYNE STEEL TANK.

The WAYNE TANK is moderate in price, and has twice the life of a wooden tank and many advantages over cement.

No fuss or muss. Use it in the barn to-day, and to-morrow put it in the yard if you wish. They do not get water-soaked, and freezing weather has no effect on them.

If your dealer does not handle the Wayne, let us hear from you direct.

**WAYNE OIL TANK AND PUMP COMPANY, LTD.**  
WOODSTOCK, ONTARIO

Please mention the O. A. C. REVIEW when answering advertisements.



**A** VIEW of the Dairy Barn at Guelph, O.A.C. covered entirely with PRESTON SAFE LOCK SHINGLES and ventilated with ACORN VENTS.

The rink at the O. A. C., shown in the last month's Review, is entirely covered with ACORN CORRUGATED IRON.

These are but two of the many public buildings which are covered with our iron. Thousands of roofs and complete buildings all over the Dominion are protected by ACORN BRAND products.

Preston Safe Lock Shingles are a guaranteed proof against lightning. We guarantee this IN WRITING over the seal and signature of our company.

Acorn Corrugated Iron is used for a complete covering of the famous MODEL BARN which was shown at the National Exhibition, and which is being used by the best farmers of Canada.

## A SPECIAL BOOK FREE

We have just issued a book on Farm Barns and Buildings, showing reproductions of some of the best barns in Canada, together with letters from many of our customers. May we send you a copy free of all charges.

Clip the Coupon to-day and send it to us.

**The Metal Shingle & Siding Co., Ltd.**  
**Preston, Ontario.**

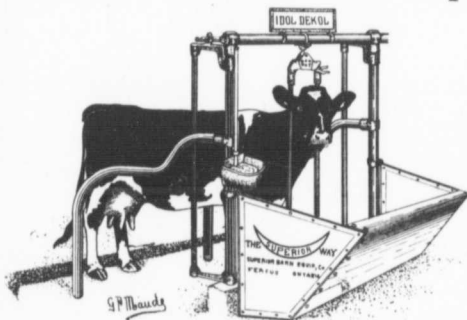
Send your Free Book as advertised in the O. A. C. Review.

Name.....

Address.....

Please mention the O. A. C. REVIEW when answering advertisements.

## Stable Your Cattle the Superior Way



If you are thinking of building a new barn or remodelling your present one, I want you to know all about my **SUPERIOR SANITARY STEEL STABLE FITTINGS**

Consisting of Horse Stalls, Horse Box Stalls, Horse Stable Fittings, Cow Stables, Cow Stanchions, Maternity Pens, Calf Stanchions, Calf Pens, Bull Pens, Hog Pens, Water Bowls, Manure Carriers, Feed Carriers, Feed Trucks, Milk Can Conveyors.

Manufacturers of the only universal Rotating Adjustable Stanchion made. Get my 1915 Book; it is free; write to-day.

**SUPERIOR BARN EQUIPMENT CO.**

Geo. P. Maude, Mgr.

**FERGUS, ONT.**

## EVERYWHERE UNIFORMLY SATISFACTORY

In upper New York, in lower California, and in far away New Zealand

**Wyandotte**  
Dairyman's  
Cleaner and Cleanser

is acknowledged by those who use it as the one cleaner most suitable for dairy cleaning.

In lower California the temperature often reaches 120 to 130 degrees F., in summer, and under these conditions you can easily appreciate the importance of unflinching sanitary cleanliness. Occasionally a buttermaker or a milk producer working under the most unfavorable circumstances, writes us **Indian in Circle** and tells us that Wyandotte Dairyman's Cleaner and Cleanser has been a helpful factor to him in winning first prize in some dairy exhibit.



In Every Package

If you want this kind of dairy cleanliness that is uniformly satisfactory even where the conditions are most unfavorable, then ask your dealer for Wyandotte Dairyman's Cleaner and Cleanser or write your supply man. Sold in 5 lb. sacks, barrels and kegs.

The J. B. Ford Co., Sole Mfrs., Wyandotte, Mich.

This Cleaner has been awarded the highest prize wherever exhibited.  
**It Cleans Clean.**

Please mention the O. A. C. REVIEW when answering advertisements.

EXTRACTS FROM A BULLETIN IN  
PREPARATION AT MAC HALL

Advice to Husbands

When she makes a hat, admire it, even though it looks like a Welsh rarebit nightmare. It will save you a lot of money in the long run.

When you are out late you may as well her the truth. She won't believe it anyhow.

Don't be grouchy about her allowance, even if it runs up as high as 25 cents a week.

Eat what she cooks and keep your mouth shut. If you keep your mouth shut you can't eat very much, so it won't hurt you.

If she wants to paint the furniture over every week and put the pianola in the kitchen, let her do it, for she will do it anyhow, whether you let her or not.

If you want to end a quarrel with a woman, don't try to convince her she was wrong; just send her a little present and shut up.



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BY COLLECTING THE CUSHION  
COVER COUPONS WITH EACH  
PACKAGE

RIDER AGENTS WANTED

everywhere to ride and exhibit a sample 1915 Hyslop Bicycle, with all latest improvements.

**We ship on approval** to any address in Canada, without any deposit, and allow **10 DAYS' TRIAL**. It will not cost you one cent if not satisfied after using bicycle 10 days.

**DO NOT BUY** a bicycle, pair of tires, lamp, or sundries at any price until you get our latest 1915 illustrated catalogue and learn all about our special proposition. The low prices will astonish you.

**ONE CENT** is all it will cost to write us a postal, and catalogue with full particulars will be sent to you **Free, Postpaid**, by return mail. **Do not wait. Write it now.**

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Dept. 31 TORONTO, Canada

Tile and Pipe

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Sewer Pipe from 8 in. to 60 in.

Pipe all made from crushed stone and vaporized 48 hours.

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Woodstock, Ontario.



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## Agricultural Text Books

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Insect Pins,  
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# Standard Steel Tube Posts

## For the Up-to-date Farmer!

The Steel Tube Post outlasts the wooden posts five to one. Dampness won't rot it, insects can't weaken it, and it takes one-third the labor to erect.

Standard Posts and Standard Woven Wire Fencing make a combination that ensures the farmer using them the best job possible in fence erection.

There's an agent in your vicinity. If you don't know him, write to us and we will send you full particulars.

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Limited.

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Makers of Standard Woven Wire Fencing, Farm Gates and Steel Tube  
Fence Posts.

Please mention the O. A. C. REVIEW when answering advertisements.

## Locals

Happiness grows at our own fire-sides, and is not to be picked up in strangers' galleries.—DOUGLAS JERROLD.

Consider how few things are worthy of anger, and thou wilt wonder that any but fools should be wroth.—ROBERT DODDSLEY.

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**HOTEL WAVERLEY** EUROPEAN PLAN  
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 Rooms, Single or En Suite with Private Baths.—  
 Telephone in every room.  
 ROOMS WITH PRIVATE BATHS \$1.50 UP.  
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 Special Weekly Rates.  
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SAVES YOU

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With three exceptions every  
Canadian Chartered Bank  
uses 50 or more Empires

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**Empire Typewriter**

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**"Buy it NOW"**

**E**VER since the war began the tendency of people has been to postpone buying until after the war.

The result is that work has fallen off and the number of unemployed has been increased.

Many have been putting off life insurance until after the war, many who can well afford to buy it now.

It is never a true economy to postpone life insurance; every year it is dearer and life is less certain.

Above every other necessity or luxury of life come the claims of life insurance. Buy it now!

And make it a Mutual Life Policy, because in a Mutual Company there are no proprietors or stockholders to receive special dividends. The policyholders are credited with the whole surplus.

**THE MUTUAL LIFE**  
 ASSURANCE COMPANY  
 OF CANADA  
 WATERLOO, ONTARIO

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Do you realize that there will be a largely increased demand for Food Stuffs this year? Are you preparing for the higher prices by increasing your production?

**STONE'S FERTILIZERS**

will help you to get the most out of your land. They will pay you a large dividend on their cost.

**BIGGER YIELDS,**

**BETTER QUALITY**

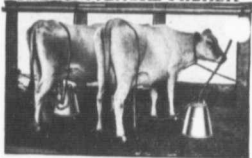
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Live Agents wanted.

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THE HINMAN CAN BE INSTALLED IN ANY STABLE.

Half the price,

Half the power,

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Let us show you how it will save you money.

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Sole Manufacturers for Canada

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We have over Three  
Hundred Fruit and Grain  
Farms on our lists for sale

It will pay you to get in  
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CATALOGUE FREE ON REQUEST

**Day Old Chicks Eggs for Hatching  
STOCK**

Nothing But O. A. C. Bred to Lay Strains.

1,000 Barred Plymouth  
Rocks.  
1,000 Single Comb  
White Leghorns.  
100 Single Comb Rhode  
Island Reds.



Free Range



FARMS

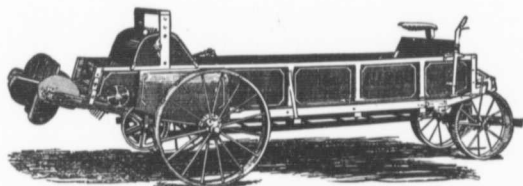
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Bronze Turkeys.



Shade and Spring  
Water.

Eggs \$1.50 per 15; \$6.00 per 100; \$50.00 per 1,000; Duck Eggs \$1.00 per 11;  
\$7.00 per 100. Day-old Chicks 15 and 20 cents each. Turkey eggs, 30 cents each.  
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This picture shows the "Nisco" spreader. Its twin, the "New Idea," has the same general construction except that the wheels track. The "New Idea" is built for use by dairymen and in hilly countries.

The machines are full capacity because they can be loaded 12 inches above the sides. The wide wheels and double cylinder perfect pulverizing mechanism insure light draft and our patented steel distributor spreads 7 feet wide, covering two rows at once and affording a big saving in time, labor, horses and machinery. The

**EASY  
TO  
LOAD**

# NISCO

**EASY  
TO  
EMPTY**

The New Idea

are the acknowledged leaders of spreader construction. Built low down for easy loading. Thorough bracing prevents cramping of bearings. Simple and durable. Two levers and a foot latch give six changes of feed or throw the spreader mechanism entirely out of gear.

### ACCEPT NO SUBSTITUTES

"Nisco" and "New Idea" Features Are Protected by Patents and Can Be Found on No Other Spreader.

**Axle Feed.**—Rear axle turns with wheels when going forward and remains stationary when the spreader is backed. One end of axle has large sprocket for driving cylinder and the other end operates the feed.

**Steel Distributor.**—Another exclusive feature. Spreads 7 ft., covering two corn rows absolutely even. No other spreader has this distributor.

### AGENTS WANTED

Make money. Now is your opportunity. War conditions require intensive farming. This means more spreaders will be sold than ever before. Our big Canadian factory will make prompt shipments. Line up for profit now.

Or if you want a spreader for your own use only, send us the name of your regular agent.

**NEW IDEA SPREADER CO., Spreader Specialists,**

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# Millions Lost



Made-in-Canada

Millions of dollars have been lost in Canadian dairies and MILLIONS more sent out of Canada to foreign countries. Why? Because the Standard Cream Separator was not made sooner. A

## Standard

### and 6 cows

will produce as much cream (butter fat) in 12 months as most other separators and 6 cows in 16 months, or the old method and 6 cows in 20 months.

It is no longer necessary to buy a separator made in the United States or any other foreign country. The Standard separator, "Made in Canada," takes second place to none.

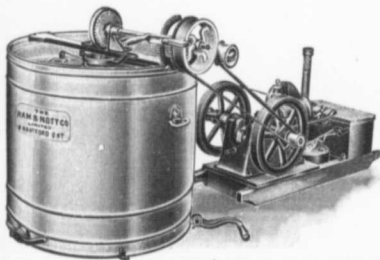
Money invested in a Standard is as safe as the bank. It earns 25 per cent to 50 per cent, and being invested in a home product comes back to you in the form of better markets for your produce.

To everyone interested we say, try a Standard. Our catalog (yours for the asking) gives complete separator information. Send a postal for one to-day.

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Power on the farm is almost an essential nowadays.

In farm bee-keeping, a Power Honey Extractor saves time and labor and adds to the pleasure of the operation.

For strength, simplicity of construction and easy running, our Power Extractor cannot be excelled. Write for catalogue.

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Consider *Purity in Paint*  
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You wouldn't pay the regular price for Sugar that analyzed 10% of sand. You wouldn't pay "all wool" prices for cotton-and-wool clothing. Why should you pay your good money for impure Paint, when you can get

## MARTIN-SENOUR "100% PURE" PAINT

We guarantee Martin-Senour "100% Pure" Paint (except a few dark shades that cannot be prepared from pure Lead and Zinc alone) to be **100% pure** White Lead, pure Oxide of Zinc, pure Linseed Oil, pure Colors and Turpentine Dryer; and to be entirely free from adulteration or substitution; and sold subject to chemical analysis.

Every experienced Painter knows that the above formula is right. It is the standard of the paint world.

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The old reliable. — for the barn and sheds

**MARTIN-SENOUR WAGON AND IMPLEMENT PAINT**  
for wagons, tools, etc.

We'll send you, free, "Farmer's Color Set" and our fine book, "Town and Country Homes", if you write for the name of our nearest dealer-agent.

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LIMITED

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"THE PROFESSION WHICH I HAVE EMBRACED REQUIRES A KNOWLEDGE OF EVERYTHING."

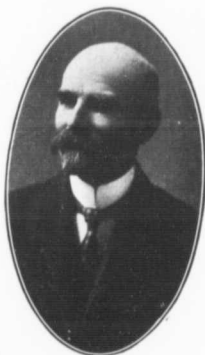
VOL. XXVII.

MAY, 1915.

NO. 8.



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PROF. OF ANIMAL HUSBANDRY



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HUSBANDRY



G. C. CREELMAN,  
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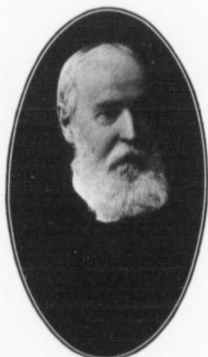
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PROFESSOR OF BACTERIOLOGY

## Dear '15, O. A. C.

**F**OUR weary, merry years, shoulder to shoulder, we have escalated together the bastions of aspiration, we have won the position, our feet are firm upon the parapet and before us lies sunny and calm, the battlefield of life. What matter that in distant cloud slurk pent-up lightnings, that below fair surfaces lie deep morasses, the hood is on our shoulders, hope, confidence, the *elan* of a winning fight is in our hearts, we form again for the charge with the glowing courage offspring of a first success.

There is much that makes for gladness, much for sadness, friends to be parted from and perhaps forgotten, a breaking of the ties of petty associations that are even now so strong and grow daily the stronger as the time of disruption approaches. Today we tug at the leash of love held by our Alma Mater, tomorrow may be the voice of a comrade once despised will be a melody of welcome, a gladsome echo from the campus or the seedy corridors of Upper Hunt.

It was Brigadier Gerard, was it not, who said "All nations are equally brave, but none can deny that the French exceed them in bravery." So with '15 peer all years past, foreseen and future, but best of years. And why? Sufficient answer, it is ours, our year, ours that has branded us for ever with the sign manual '15, ours to whom we owe an allegiance so deep that we must refuse to grant even a flavor of a claimed priority to those who would dispute with us. What recks it that as Freshmen we were champions of Inter-year Basketball, champions of Field Day as Sophomores, champions as Seniors of the Inter-year Indoor Base ball, winners of the Stock-judging Contest at the Winter Fair, and beyond all rivalry in the Poultry judging Competition? What matters it that D. B. Fraser ran the mile in 4 minutes and 46 seconds, an unbroken record, that W. L. Horobin set a new standard of 55 seconds in the quarter-mile, that Bill Townsley could plunge 50 feet 10 inches or that Neff chinned the bar 26 times, that for four years running a man of our year has won the Cross Country Run, that one of us ran the 3 mile Run in 19 seconds less than the record for the Inter-Faculty Meet, that W. R. Scott won Oratorical Contest in 1914, and Freeborn the Public Speaking Contest in 1915? These are merely casual proofs of a superiority that none may question. We only know that '15 is the best year that ever was because we feel the fact in every corpuscle, every brain cell, every fibre of our being. It is for us to see to it, each one in his respective walk that as it was in the past and present so shall it be in the future, that triumph shall follow triumph and no taint foul the escutcheon of the King of years, His Majesty '15.

During the four years the class has spent together, the spirits of change, progress and even adventure have been abroad. When first we shivered on the Campus in the half-dread of the coming flag fight, there was a professor's house where the New Dining Hall now stands, and rose leaves were withering on the labelled bushes on the site of the splendid Agronomy building, the dairy barn was represented by a moth-eaten structure designed by Noah and the poultry buildings were far fitter as a repository for rousy hens than as asphyxiation chambers for snowbally Sophomores. No rink was even dreamed of at that time and such details as student supplies were obtainable only from the city or



**O: A: C: FOURTH YEAR EXECUTIVE 1914-15**  
W. M. CROSKERY, P. E. CULVERHOUSE  
SECRETARY  
W. J. BELL, PRESIDENT  
HON. PRES.

R. D. COLQUETTE,  
VICE-PRES.

W. R. WHITE,  
PAST PRESIDENT

in homoeopathic doses from the Cosmopolitan Club. Chateau Moore or Chumpy's, now a heap of rubble, the chrysalis of a Students' building, drunkenly dominated the corner of College Avenue and the Cosmopolitan Club, one of the best of our College institutions, bid fair to rival Moore' castle for the laurels of disrepute.

Now the campus bids fair to become too small for the buildings built and projected, initiation has changed from a mystic midnight rite in the judging pavillion to a matter for public merriment in the broad light of day, co-operation has passed from theory to practice, bands play for skaters on dazzling ice, a palace fit for Rockefeller delights the pedigree Holstein and other lacteal miracles, the biology building has been on fire, contributed much weed seeds to collections in the process and was successfully put out, another inquisition chamber is being erected for the gods of climatology and soil physics and even the dear old ruin of a residence is beginning to blush for shame at her dowdiness in such fashionable company. Then, not counting expulsions, rustications, strikes, storms in teacups and other such little gaieties has come war and with it an officers' Training Corps and the sound of trampling feet that leave our Campus and our shore, perhaps for ever. Be sure that from the first to the last of these changes, re-organization and sacrifices, Year '15 has taken such part as a class may take in all worthiness.

To the Faculty, to each other, we owe more than we are often willing to concede. From a Freshman's contempt of constituted authority and a misunderstood syllabus, we have climbed to a better knowledge of our lectures, their subjects and ourselves, we have been vested with the small authority of three capital letters and our work in the world begins. All love and credit to the institution that has launched us. With an Eton poet now forgotten, who loved his school as a son his mother, there are many of us who can say:

"I go, and men who know me not,  
When I am reckoned man, will ask,  
What is it then that thou has got  
By drudging through that five-year  
task;  
What knowledge or what art is thine?  
Set out thy stock, thy craft declare.  
Then this child-answer shall be mine:  
"I only know they loved me there."

There courteous strivings with my peers  
And duties not bound up in books,  
And courage fanned by stormy cheers,  
And wisdom writ in pleasant looks,  
And hardship buoyed with hope, and  
pain—  
Encountered for the common weal,  
And glories void of vulgar gain  
Were mine to take, were mine to feel.

Fieldward some remnants of their lore  
Went with me, as the rhymes of Gray  
Annealed the heart of Wolfe for war  
When drifting on his starlit way.  
Much lost I, something stayed behind,  
A snatch, maybe, of ancient song;  
Some breathings of a deathless mind,  
Some love of truth, some hate of wrong.

And to myself in games I said:  
What mean the books? Can I win  
fame?

I would be like the faithful dead  
A fearless man and free of blame.  
I may have failed, my school may fail;  
I tremble, but thus much I dare;  
I love her—Let the critics rail,  
My brethren and my home are there?

—A. C.

## ANDREW CORY

**A**S MANY-SIDED as a sphere, as rolling as a ball, I dreamed a hundred thousand dreams and lived them nearly all. From peddling peas to editing, night-watching to cartoons, from pilotage to married life, I smoked for many moons. Tea-planting, real estate and hens have claimed me in their day, while free land stole my only cash to cheer me on the way. And now a pauper lunatic, beset with countless ills, my head is full of howitzers, my pocket full of bills. Again, alas: I must depart from dandelion meads to cram three brats with buttered bread and satisfy their needs, to cheer an idle hour or so with funk behind a gun, in sprinkling more confetti on the obsecrated Hun. When comes the time that every clime has lent me of its lore, I'll say good-bye to dear old earth and seek below for more.



## RALPH W. DONALDSON

*Blest with a taste exact, yet unconfined,  
A knowledge both of books and humankind.*

**B**ORN 1890, at Port Williams, in the land of Evangeline, and there amid the orchards of the fruitful land he grew to be a lover of Horticulture. Acadia University granted him his B.A. in 1912. Started his course in agriculture at the College of Agriculture, Truro, in 1912-13, taking the two years' course in that year. He entered the O.A.C. in 1913, where he has taken an active part in athletics, having helped bring back the hockey honors from M.A.C. in 1914. "Don's" slogan has been O.A.C. first, Year '15 second, and R. W. Donaldson third. He leaves for the front with the University contingent.



## WILLIAM MacDONALD KEDEY

*Where'er he met a stranger  
There he left a friend.*

**B**ILL'S hardy perennial smile beamed out first on the locality of Fitzroy Harbor, Ont., and at the age of three he commenced playing hockey on the Ottawa River. William took his first two years with '14, has served on the athletic and co-operative, was captain of the first hockey team in 1911-12, and his year team for three years. Bill combines a husky frame with a generous heart and sound common sense. He goes to serve the Empire at the front, and we wish him a good fight and a safe and speedy return.





### J. CUTHBERT SHIPTON

"CUDDY" has had more important events happen him than the mere incidents of his birth and date of graduation. He was known at Mac Hall enough. One of nature's disturbing elements. There was always some action when he was around. We cannot forget that wonderful smile! Profs. could never rebuke; they would only sigh and murmur. He is from Nova Scotia; yet a conscientious student and a very popular companion, we must fain admit. He leaves for the front with the University corps.

### LIEUT. WILLIAM ALLAN TOWNSLEY, 16th Battery, C.F.A., C.E.F.

*A damned saint, an honorable villain.*

THIS gallant soldier is our second youngest. He was born in Yorkshire, England, but came to British Columbia at an early age. As roughrider, bushman, civil engineer, horticulturist and soldier, he has tasted life's experiences. He holds the college record for the long plunge and we will remember him as a man who stands four square to every wind that blows. He is now on his way with the 16th to confer the B.S.A. on the Kaiser. We wish him God speed.



### HAROLD ARTHUR BEATTY

*Laugh and the world laughs with you.*



"BILL" first came to public notice in Sarnia and his first inclination was to lasso and tie along-horned western steer. At six years of age he moved to Walsh, Alberta, taking his family with him and for the next few years divided his time about equally between the saddle and one of the seats in the public school. After spending a year at Sarni High School, he entered the O.A.C. with Year '15. His hair-raising war-whoop, with which he was wont to rend the midnight air, will soon be heard on the battle fields of Europe.



## ERNEST HART

*I am the very pink of courtesy.*

**T**HE portly subject of this sketch was born in Surrey, England, and educated in Tonbridge School and in Vevey, Switzerland. He then entered the military profession, but later beat his knapsack into a vasculum and came to the O.A.C. to specialize in the peaceful pursuit of botany. As dramatic manager he supervised the production of "The Private Secretary," "My Lord in Livery" and "Meg's Diversion." The Cosmopolitan Club owes much of its present standing to his efforts. Military life has again claimed him and he is now with the second contingent.

## JEFFREY SYLVESTER PEREN

**C**HEU: the Angle blent with French makes doubly avid for the trench, the "Private Sec." with toe fantastic, the youth so gifted, waisted, plastic, from torquoise tie to violet vest, a vision of Beau Brummel's best, our lovely lad the gods have kissed, bright, budding, beau biologist. Too soon will see the scented bud changed for a badge of bronze and mud, the while a yard-long puling pup drinks to the dregs the caustic cup and dandy Peren, B.S.A., fights exquisite and neat in clay. Alack a' day! Alack a' day! To throw our bonny boy away.



## FRANK CHALMERS DONALD

*Gentle, amiable and blithe was he  
But an ardent student of Pomolog-e-e.*

**F**RANK hails from the County of Lambton. Before entering the O.A.C. with year '15 he attended a course in agriculture held in his county and carried off the prize for general proficiency. At college he has been painstaking in the pursuit of knowledge and active in sports. In his senior year he was president of the Union Literary Society. The proximity of Mac Hall has greatly increased his enjoyment of college life.



## GEORGE HAMILTON JACKSON

*The Canadian with the Swiss Movement*

**G**EORGE comes from the Petrolia oil fields and resembles in constitution one of the lower hydrocarbons of the marsh gas series. In his freshman year he was a terror by night around the residence. In his second and third years Jack played first rugby, until, as Gamey would have said: "The Philistines brake both his knees." He has also entertained himself and others at baseball, selling wrinkled tin and fussing., and in the latter connection has stated that he "would rather be right than be President." George is affable, blonde, popular and worldly wise and will be successful in his business career.

## DAVID RICHMOND SANDS

*I dare do all that may become a man.*

**T**HERE is a rumor that Dick spent his early life in Middlesex County, but he claims Lambton as his home. After attending the Sarnia Collegiate Institute, he wielded the birch for a few years. Since entering the O.A.C. in 1911, he has served on the Students' Council, The Literary and Year Executives and has been president of the Athletic Association. The Mac girls know that "Sandy" never neglected the the social side of his college course. His chief academic hobby is counting the toes of insects and studying the life-cycles of microscopic fungi.



## GORDON MUCKLOW



**B**ORN of well-to-do and comparatively honest parents at Bury, Lancashire, England, in 1892, Gordon lolled creditably through Malvern College and migrated thence to British Columbia. Our Lancastrian friend could best be likened to a Leyden jar. Like it he is potential for shocking surprises. Underlying his lazy carriage is footwork as rapid as spending money. Behind deceiving spectacles lurks the Satan of vironic wit and woe betide the unwary one who, presuming on appearances, becomes the victim of his flagellating sarcasm. Seeking recreation in poker and pugilism, he is as genuine as a hall-marked teaspoon, and as British as John Bull.



## ELGIN GIBSON GORDON

*Let me have men about me that are fat.*



**WE** CALL him "Ding" for short. Wellington County is his birthplace and his early education was received at Elora High School. Launching out with Year '15, Gordon has weathered all the storms that have threatened our shipwreck. He is first and all the time a live stock specialist. He has helped to engineer the Co-operative Association and while on the conversat committee distinguished himself as the most expert punch-maker we ever had. Calm, collected, debonair, this scion of the old clan goes out to do battle under the canopy of Our Lady Nicotine.

## DAVID LAIRD

*Modest in mien, cool in calculation*

**"DAVE"** is our only physicist, and the only one of us clever enough to be a chemist. He entered upon his career at the O.A.C. by attempting the taming of an Ayrshire bull. Subsequently, in the capacity of president of the Students' Council he endeavored to tame the student body. While appreciating his efforts, both the bull and the boys refused to be tamed and now this Westerner is going to confine his efforts to alchemy and the spirit world.



## WILLIAM McLAREN CROSKERY

*Is this that gallant, gay Lothario?*



**IT** IS not. It is the debonaire young man who quit the banking business to join Year '15. Of good old Irish stock he has the characteristic quick temperament of his race. Slow to make friends but slower to forget them, he has all those qualities which find favor with the fair sex and he does not neglect his talents in this connection. He rivals Paderewski, that other famous Irishman, in his musical attainments his rendering of "Come Back to Erin" being peculiarly pathetic. Administration work will probably be the field of his future labors.

## REGINALD KILLMASTER STRATFORD

*O for a beaker full of the warm south.*



**R**EG, or Doc Crippen, as he is popularly known, hails from the quaint old city of Brantford. In spite of this drawback, four years at the O.A.C. have displayed Reginald's wonderful versatility as boxer, fencer, dog-fancier, clubman, musician, student and lady's man. His wonderful powers of concentration were to be noted on any sunny afternoon as with closed eyes and wrinkled brow he poured over Feeds and Feedings. He is still going strong and his frequent visits to Brantford give proof of his keen sense of honor and duty.

## E. CLIFFORD HOGARTH

*Greater love hath no man than this.*

**B**ORN September 9, 1892, Exeter, Ont. O.A.C. September 1910, joined Year '15. Married December 5, 1914, Goderich, Ont. Died later.



## FRANCIS LESLIE GOODMAN

*A Retrospect in 1923*



**A** SMILING example of horticultural prosperity. Is it possible? Only eight years ago he graduated from Guelph: Horticulturist, Cosmo Club fusser, violinist. Came from England after wandering through the Argentine and Brazil and exploring the Mediterranean in the shipping business. Let me see, he had just travelled over Europe after trying journalism with the energy acquired at Lindisfarne College, Essex. Well, well, and now so prosperous! So young too, you see Leslie was born in March, 1889, in London, England.

## ADEN WILBERT LOCKE

*I love the ladies!*

THE village of Iroquois is famed throughout the St. Lawrence valley for its feminine beauty, which probably accounts for the fact that "Doc" chose it for his birth place. He at once entered upon his chosen profession of "fussing." After "fussing" his way through public and high school, he set his face toward the west and got as far as Guelph, where he was arrested by a pair of feminine eyes and settled down with Year '15. Four years study has gained him the honorary degree of Master of Scientific Fussing and the envy of his admiring class mates.

## WILLIAM JOHN TAWSE

*A man he seems of cheerful yesterdays  
And confident tomorrows.*

BILL, like Mark Twain, came of parents who were neither notoriously poor nor conspicuously honest. He was born near Guelph, received his early training in the local schools and his later education at the O.A.C. and on the Toronto fruit market. As indicated above he is cheerful and optimistic, as ready to work as to play. His fellow boarders on Cataract Hill, Grub Lane, would probably say of Bill:

*Conspicuous for mirth and laughter  
The ladies first, the ladies after.*



## LESLIE FRANK BURROWS

*Had sighed for many, tho' he loved but one.*

GUELPH boasts the proud privilege of claiming Leslie as one of its citizens. After favoring the schools of this town for a few short years, "Les-frank" decided to place the O.A.C. and particularly the Year '15 under a great and lasting obligation, but it was not until the fourth year of his course that he carried his decision into effect. Everybody in the college—many in Mac Hall as well—know "Less" and his happy smile. He is a horticulturist, with a wide experience and "methinks the world knows nothing of its greatest men."

Expressions: "The time I've lost in wooing."

Pastime: Recuperating.

Weakness: G.T.R. going west.





### R. D. LINDSAY BLIGH

*The future I can face, now I have proved the past.*

"BRUD," as we know him, cracked his shell and came forth a full fledged chick in the warmth of the Annapolis valley, 1889, A.D. Taking his first two years at Truro Agricultural College he came to Guelph for his final two years at the O.A.C. in 1913. A lover of fruit, yet indifferent in fussing. Honest in pursuit of his studies, yet capable of enjoying an intermission. Our best wishes are yours, "Brud."

### NORMAN HOWARD PAWLEY

*A wandering hell in the eternal sphere.*

APPEARED as a bright, blue-eyed child about 1890, at Caledon Springs, Ont. He developed very early a pugnacious disposition, and finally his parents in desperation started him in with the "when we're up" class of '13 at the O.A.C. He decided as a Sophomore to drop out two years to perfect himself in Agriculture, Rugby and Hockey, and succeeded well in so doing. "Polly" can give a licking or take one with equal good nature. He represented '15 on the Athletic Executive, played every game with the 1914 O.A.C. Intercollegiate Rugby champions, coached the co-ed hockey team and escaped, we believe, with a whole heart. Good luck to you, Brick.



### JOHN PLAYFORD HALES

*See the moon rising o'er the laundry door.*



LIVING at Guelph, Playford has had ample opportunity to follow up his natural inclination, poultry raising, so that on entering college he had a very substantial reputation in this line. But he is many sided. On class and college executives, and in athletics, he has shown us his enthusiastic ability and his love for clean sport. A good student, always cheerful, a thorough going sport and a knocker of mean things, Playford has ever been a favorite; and we feel sure that his natural traits will bring what we all heartily wish for him—success and happiness.

## RICHARD DANIEL COLQUETTE

*I am a part of all that I have met.*

"**COQUETTE**" learned to fill his mother's woodbox on the homestead overlooking Nottawasaga Bay. He entered Manitoba Agricultural College with the pioneer class where he was president of the Student body for two terms after which he treked to a homestead in Saskatchewan. Here among the odors of fried jack-rabbit and good tobacco he became saturated with all that is good in English literature. At the O.A.C. he has been Vice-President of his year, Agricultural Editor of the *Review* and President of the Cosmopolitan Club. His ability as a debater and writer ensure for him a useful and prosperous future.



## WILLIAM JAMES BELL

*The luxury of learning is not to be compared with the luxury of teaching.*

"**W. J.**" first rang in on things agricultural by assisting his father's parishioners in their farming operations. Some years of experience as principal of public schools only stimulated his agrarian inclinations. As president of his year, on the executives of many of the student organizations and as inter-year debater he has contributed much to the life of the college; and his mature judgment, equally in evidence on the conversat committee and in the livestock pavillion, may be relied upon to carry him to the summit of his chosen profession.



## DAVID J. FREJD

*The ladies plucked a hair or two  
From his white fur as a relic true.*

**D**AVID, an ardent supporter of the Y.M.C.A.(?), commonly known as "Frigid," is the scion of an energetic family, who forsook their god Odin and settled at Bruce Mines, Ont. Here Dave, early in life, became an optimistic farmer, and after completing his high school training came to the O.A.C. where he learned many new tricks of his profession. Dave's optimism still survives and he is going back to the farm.



## ROSCOE ALEXANDER FINN

*Full many a lady have I eyed with deep regard.*



"PAT" was born at Fletcher, 1890, attended the Ridgetown High School and Hamilton Normal. After teaching two years he left the famous "county of Kent, where I come from," and spent one summer in Saskatchewan. Next he came to the college, where he got many new ideas on agricultural education, which is his hobby. Pat has been a popular executive student, and a great help to his class as a debater. Any boys of the fussology club who desire advice along that line, go to "Pat," who took a post-graduate course on the subject.

## JOHN PERCIVAL SACKVILLE

*Of reason clear, in judgment sound,  
A smoker and a smoker's friend.*

PERCY was born at Bewdley, Northumberland County, Ont., July 30, 1880. He took Public School leaving at the local school, remaining on the home farm until 1907, when he went to Saskatchewan and homesteaded. In 1909, he returned and entered the O.A.C. in September. John proved himself a good student, with considerable debating ability, in his first two years. In the summer of 1911 he was married, and returned to Guelph in September, 1913. His debating in his third year and stock-judging in the fourth year point to his success during his last two years.



## ALFRED JOACHIM GRAY

*Still runs the water where the brook is deep.*



BORN in Cartegena, Spain, Alfred left for Scotland in 1902, where he entered Aberdeen Grammar School. After a further course of study in Madrid Agricultural College, he travelled through France and Northern Africa and finally emigrated to Canada where he entered the O.A.C. with Year '15 and completed his somewhat cosmopolitan education. Gray combines the courtesy of the Spaniard with the humor and wit of the Scotchman and we feel sure that he will succeed in whatever form of agricultural work he decides to follow.

## PERCY EDWARD CULVERHOUSE

*Ask the man who knows him.*

**P**ERCY was born in Guelph, A.D. 1892, but our greatest men have had similar obstacles to overcome. His education was received in Toronto, where he matriculated at Parkdale Collegiate and later browsed a year on mathematics at Varsity. Fruit growing, however, appealed more to "Cully's" sense of the beautiful and useful than did Euclid. He took his initiation and first three years with '14, returning to be graduated with '15, of which year he is the honorable secretary. Percy has played baseball, basketball and rugby. He has also in moments of enthusiasm, sung in the college choir. His love affairs, if any, are dark secrets. He is a gentleman by heredity and environment, and his classmates wish him the best success and happiness in the future.



## JESSE H. FRANCIS

*The cock's shrill clarion.*

**J**ULY 15, 1892, a stork flew over Burford, Ontario, and behold the population was increased by one. Now this one was Jesse. Receiving his early training in the public school and raising chickens in the meantime, he aspired to prominence in the latter and entered the O. A. C. in 1908. Since that time, Jesse has always taken an active interest in poultry matters. He is assured of success by a varied and extensive practical experience and has already become very proficient at "swiping ducks," "testing eggs," and "fussing with chickens on a city lot."



## FRANK CHESTER PATERSON

*Tis much he dares*

*And he hath a wisdom to guide his valor*

*To act in safety.*

**P**AT" made his first "possible" shooting sparrows on one of York County's good farms. Subsequently, finding late hours and early rising a poor combination, he joined '14, which he helped win the Day Trophy. He learned and grew. As a student, he is known as a profound thinker and dreamer—in the mornings. He has shown much interest in athletics, especially snowshoeing, but has broken more rules than records. Notwithstanding his many activities, he found time to preside over the Union Lit. in his Senior Year.



### JAMES HENRY WINSLOW

*Yon Cassius hath a lean and hungry look.*



**A**N ENERGETIC and guiding force has '15 in the person of Jim Winslow. "Windy" was born in London, Ontario, 1890, and there obtained his early schooling. As a member of both '14 and '15, Jim has shown a versatile nature. Academic and executive work, fruit marketing, athletic meets and baseball have all yielded him the highest rewards. Whatever he determined to do, that he did. As a fusser, our hero "deserves the passing tribute of a sigh." His originality of purpose carried him in many different directions. For one with the character and ambition of "Windy", the future must mean success and big success.

### MALCOLM JOHN MACQUEEN

*His heart was in his work.*

**M**ALCOLM was born in Pilkington, Wellington County. He attended the Public School and afterwards became a successful farmer on Blythwood farm, where he distinguished himself in shorthorn breeding and feeding. He married in 1904. Mac entered the O.A.C. with '15 and took the high rank which his experience, his keen mind and his upright character merited. In the summer of 1913 he was on the drainage staff, and in 1914, acted as supervisor of the same department. His next promotion will be somewhere among the heavy workers and thinkers.



### ROY EDWARD CUMMING

*Smiled in each look and brightened all the green.*



**R**OY first became acquainted with his beautifully green earth at South Gower, in Grenville County. Here he received his Public School education, passing his entrance, but his agricultural nature took him back to the farm for a number of years. Hungering for knowledge he entered with '15. Since coming to the O.A.C., Roy has proved his worth as a student, fitting himself to launch out wider and deeper into his life work. He spent the summer of 1914 in representative work in Dufferin County where he made good. We wish Roy every success in the days to come.



## JOSEPH NOE PONTON

*Noe Ponton, dey was call heem, an' he's purty beeg feller, too.*

**P**ONTON was born at Marie Ville, Que., 1885. His early education was obtained at the elementary school in Bromptonville, after which he took a business course in St. Charles College, Sherbrooke. Four years were then spent on the farm. At the age of eighteen he re-entered St. Charles College, and six years later received his B.A. from Laval University. Since coming to the O.A.C., "Monsieur's" progress has been phenomenal, and we all expect him to climb the ladder "like everything." *Religioni, Patriae Scientiaequae* is the motto adopted by this good-natured, big-hearted French Canadian.



## ALAN GORDON DUSTAN

*He's a Biologue bold, a microscopic slide maker  
He's a slave to L. Caesar, Howitt, Spencer and Baker,  
He's at home on dissection, loves insect histology  
Sleuths San Jose scale, dotes on plant physiology,  
At hockey and baseball our "Dusty's" a pearl,  
But, I'm d——d if he'll even just look at a girl.*

**T**HE "Microbe" came to us from Halifax, after two years at Truro, N.S. Like most of his classmates he intends to work for his living, and specialized on Biology to ensure the maximum amount of labor. He'll be well to the front when the last roll is called.



## W. RUSSELL WHITE

*And a little child shall lead them.*

**S**EPTEMBER morn had nothing on "Colonel" about October, 1891, but twenty years later he looked more like a Junior Hackenschmidt. Colonel is small, but he cannot be attacked with impunity. He sprang into the limelight in his Freshman year as secretary of the Y.M.C.A., which training well equipped him for his later post as president of the Third year and chairman of the Conversat committee. He has interested himself in wrestling, hockey and the drama, and has also been known on rare occasions to take pleasure in feminine society. Blessings on thee, little man.



## ODERY ROBB

*A man not given to words or strife  
A man of sense.*



**R**OBBIE started the race of life September, 1888, but wisely waited twenty years before entering the college. He took two years with stormy '12, then rusticated for three, returning to finish with '15. Odery shone in the long runs, particularly the cross country, and also displayed a liking for long, or even short, walks, not alone. He plays basketball and is a strong supporter of the Y.M.C.A. With his capacity, nay liking, for hard work, his quiet sense of humor and his likeable personality, Robbie will undoubtedly meet with success.

## ROBERT BYRON HINMAN

*Beloved by all women, honored by all men.*

**"COMMITTEE"** made his first speech at Wicklow, Ontario, and has not run down yet. After spending four years as a school teacher he entered with class '15. Since coming to college Bob has been actively interested in the work of the Y.M.C.A., serving as Musical Director, Secretary, and President. His sound judgment and reliable advice have proven of great service to his class and the students' council. He is a first class student, an excellent debater, a fair athletic, a good judge of live stock; an all-round man. Bob has never allowed his studies to interfere in any way with his college course.



## H. PRYER HOROBIN

*Fig, what a spendthrift he is of his tongue.*



**P**RYER came upon Cornwall-on-Hudson, N.Y., as another Republican added to the G.O.P. Under the label "works of art," Pryer entered Canada duty free about 1911, and has devoted himself since to growing fruit, particularly the cultivation of peaches, for which he has "Hope"; and to basketball. Pryer is an original youth and a likeable one. He studies efficiency and possesses no false modesty. From his ability at college to "get away with it," we prophesy a most successful career for "Big Noise" among our neighbors to the south.

## BERT ELLETON FOYSTON

*The contour of his nose becometh him.*

*That it doth, my Lord, and he the contour of his nose.*



**T**HE other side of the sand plains of Simcoe county boasts of a clean tidy stock and seed grain farm, also of Bert. We have a combination of brains and stamina that required heavy clay land, the thirty nine articles of belief and a finishing ration of the O.A.C. 72 oats to bring to perfection as we find it. Dropped out a year to show Dr. Creelman how to farm and succeeded. The fruit branch, the drainage department, both used him for a season. Been amusing himself lately with his hockey stick and with his pen, as experimental editor of the *Review*.

## JAMES MILLS CREELMAN

*His flaming head is like a beacon in the night.*

**T**HE South enjoyed a breathing spell from 1865 to 1893, then Mills appeared in Starkville, Miss., and the Dove of Peace, discouraged, flew away. A red furry growth, still to be observed, slowly developed on the child's head, and at four years of age he was deported, protesting violently, to Canada. Jim took three years with the class of '14, but then spent a year on the coast. He is the class pianist and presided over the Philharmonic Society in his Junior Year. He has won the college letter for rugby, baseball and fusing, and also plays inter-year and co-educational hockey. "Prixy" is liked by everyone, and his self-reliance, versatility and ability to work will bring him success in his chosen field, cold storage.



## HENRY MYRON HOLMES

*Guard wisely 'gainst thy earliest memories, boy.*

**H**OLMES was born in Utah, but his parents, wisely foreseeing that so lusty an infant would probably soon develop pronounced Mormon tendencies, early removed him to Alberta, where he grew up, surrounded not by femaleness, but by Western Rye grass, and wheat. After disposing successfully of such preliminaries as High School and Matriculation, Myron entered the ranks of '15, being one of its youngest members. Though a good student, yet he always found time to develop his athletic possibilities, and the fall of 1914 found him assisting the track team win the inter-faculty meet at Toronto. Success is bound to be his lot.





### ERNEST FRANKLIN NEFF

*Much labor is a weariness to the flesh.*

"**E**RNIE" is a Hamilton boy, born in the late eighties and educated at Hamilton. He came to the O.A.C. with '12, and during his stay among us has left his footprints all over the college and the city. In athletics he has figured as a baseball pitcher and a shooter of baskets. We will remember him as a literary executive man and an "Ernest" supporter of the Y.M.C.A. In addition to this he has occupied two pews at church on every Sunday in the college year.

### WILLIAM KERR

*The class optimist.*

**W**AS born in North Hastings in the late seventies. After practising agriculture for several years he decided to study the science of his chosen profession. He entered the O.A.C. with class '10, but dropped out and took up assistant "rep" work for some time, finally deciding to finish with class '15. "Billy's" hobbies are human nature and oratory. An exceptionally pleasing and convincing speaker, a keen judge of human nature and born an organizer of men, his influence for good will be felt in any community.



### ERNEST RAYMOND HALL

*The man worth while is the man who can smile  
When everything goes dead wrong.*



**T**HIS noble youth was first seen staking out a course for a cross country run near Kingston, N.S. He attended High School at Middleton and while still of tender years moved to the far west. He entered O.A.C. in 1911 and early formed the habit of wandering down town, which might have proved fatal but for the wise counsel of old "Committee." He always took a keen interest in athletics, serving as track manager one year and winning the cross country cup two years in succession. Genial manners and a happy smile won for E.R. many friends and all expect to hear great things of him in the future.



### ERNEST KEMP HAMPSON

*Man's fortunes are according to his "pains."*

**I**T WAS at Mount Forest one cold January morning in 1890 that "Ern" took his first draw of ozone. Being a genius entirely foreign to the community his father sent him to High School to complete his life history. He entered O.A.C. in 1909 with Class '13. After being a ringleader in trying to move the judging pavilion and Lower Hunt on to the same foundation for two years, he decided to go west and spent a year in mercantile life. He re-entered college as a Junior with '15 in the fall of 1913. The summer of 1914 was spent as Assistant Representative for Lanark County. Ern cannot help making a success of life.

### JAMES ANDREW NEILSON

*A merry old soul is he.*

**D**URING a raging snow storm in November 1880, James Andrew Neilson, familiarly known as "Dad," arrived in Canada. The climate being congenial, the youth grew and in due time reached the status of manhood. He was married in 1907 and came to school with '15. Neilson has served on the Y.M.C.A. for three years and on the *Review* staff for one year. As a diligent student and an earnest councillor he will always be remembered. Time may obliterate his reputation for noise after study hour and his instigation of the Y.M.C.A. haircutting episode, but it will never wear out his smile or his genial disposition.



### HENRY STECKLE

*I have never felt the kiss of love, nor maiden's hand in mine.*



**I**T IS excellent to have a giant's strength"—but Henry escapes the charge of being tyrannous by never using it like a giant. Though he comes from Berlin he is not a German but is proud of his Swiss ancestry. William Tell was the other outstanding example of Swiss cool-headedness. His herculean frame, which has won him many honors on the rugby field and on the mat, is nourished from a heart that is as big as a prize pumpkin and as warm as an eider-down cushion.

## DOUGLAS M. SMITH

*Verily, he looketh lean enough to be a good student.*



## ARTHUR G. HARRIS

*A sensitive soul, if I guess aright.*

"**T**HERMOMETER" selected Jamaica, one of those "summer isles of Eden" as the scene of his debut into this vexatious world. Instinct—perhaps the unconscious influence of the affinity factor—drew him to Canada and the college. Arthur is quick tempered but forgiving, and forgiven; he likes little girls—big ones, too; he adores horticulture, The Dansant, and "Cully" in the order named; and can juggle a teacup on his kness as easily as he can find a sporangia in the Botanical halls of agony. "Massa Awthaw" is growing older slowly and wiser fast, and will face the world with a brave front.



## H. G. MCGREGOR CRAWFORD

*"This is no place for a minister's son."*

"**D**R." Crawford comes from the land of the "murmuring pines and the hemlocks" and it is safe to say that the accents of the ocean became even more disconsolate after his departure. Crawford is a scientist and student but he can sympathize with the joys and the sorrows of the ordinary physical man. He knows more about the number of bristles on the femur of the jumping orthoptera than any grasshopper and prefers gazing into a microscope rather than into the deep blue orbs of some erstwhile affinity. The doctor is an original thinker, a genial companion and a friend to humanity in general.



## SWITZER GARDNER FREEBORN

**W**HILE other men do things by bits we can't say this of Uncle Switz, this boy is surely some persistent, immune to frost and blight-resistant; not much he cares for flirting Marys but rather studies Langshan berries and how a man with a hundred chicks can gather in the golden bricks.

Switz took his first three years with '14 and served on the year executive for three years; was on the conversat committee, lowered and still holds the record for the cross country run and has exercised his skill as a debater in several Union Lits. With his enthusiasm and zeal for things agricultural and the experience and knowledge gained in the last few years Switz will be a valuable addition to the ranks of the graduates in "Ag."



## YEAR '15 HONOR ROLL

- |  |  |
|--|--|
| Bertram, L., First Contingent, C.E.F.                    | Maxwell-Scott, Lieut. H., 48th Highlanders.      |
| Beatty, H.A., University Corps.                          | McLaren, Q., Imperial Light Horse, South Africa. |
| Curtis, Lieut. N., 4th Brigade, C.F.A.                   | Murray, R., University Corps.                    |
| Cory, Lieut. A., Instructional Officer, C. F. A.         | Peren, Cpl. G. S., 4th Brigade, C.F.A.           |
| Cleverly, A., Grimsby Dragoons.                          | Rumsby, R.W., Imperial Forces.                   |
| Donaldson, R. W., University Corps.                      | Shipton, J. C., University Corps.                |
| Ferguson, P. D., University Corps.                       | Smiley, Lieut. J. S., Manchester Regiment.       |
| Hart, Sergeant Major E. W., 4th Brigade, C.F.A.          | Townsley, Lieut. W. A., 16th Battery, C.F.A.     |
| Herder, Champ, First Contingent, C.E.F.                  | Wilson, Lieut. N. I. Royal Welsh Fusiliers.      |
| Kedey, W. M., University Corps.                          |  |
| Kerkley, 34th Battalion, C.E.F.                          |  |
| Lindesay, Cpl. Hugh, 2nd Batt., First Contingent, C.E.F. |  |

## ETHEL GRACE CONOVER

*What I will, I will, and there an end.*



**H**OW well this describes Grace all her friends can truly testify. Not stubbornness, you understand, but just determination. Grace came to Macdonald Hall in 1913, after spending a few years in growing up and gaining sufficient wisdom. She immediately put heart and soul into her work and also identified herself with the social interests of the College. Since then she has been a true friend to each succeeding bunch of "freshies"—and "freshmen." When the Normals of '15 graduate she will leave an empty place in our college life.

Chief accomplishment—Getting up "feeds."  
Favorite expression—"Ding bust it."

## BLANCHE W. CONRAD

*There's little of the melancholy spirit in her.*

"**B**LANC" entered the Associate Class in the Fall of 1913, having received her primary education in the busy Metropolis of Hamilton. She is a star basketball player and even from the first has won the love of the girls by her marked Athletic abilities as well as by her bright and shining disposition. She was elected president of her class in 1914, which office she held unflinchingly for the remainder of her course.

Here's hoping that good luck will follow "Blanc" wherever she goes.



## M. LILA COCKBURN

*Heaven sends us meat—but who the cook?*



"**T**HE Royal City" may truly claim Lila. Here she was born and received her public and high school education. Hearing the call from the younger generation she went to London to prepare to lead their faltering footsteps in the paths of knowledge. Feeling the urgent need for scientific cooks Lila later found her way to "Mac." At the arena Lila enters the sport with the same enthusiasm as her work, by her quiet unassuming manner she has won the esteem of all. In after years, we expect to see Lila walking hand in hand with "Fannie Farmer."





### JESSIE ISABELLE CREWS

*She's preeety to walk with;  
She's witty to talk with,  
And she's pleasant to think on.*

**S**INCE joining the Normal Class of '15, Jessie has made numerous friends both in the Hall and in the old stone residence. One would never dream she was the shy little girl who came with papa to register in the Autumn of 1913. Jess is now a prominent member of the "Zoo" and never passes a peanut stand without displaying her instinctive characteristics. After leaving here "Crewsie" says she is going West and we expect will be teaching languages in connection with Domestic Science.

### KATHLEEN HOWE CUNNINGHAM

*A maid, unmatched in manner as in face  
Skilled in each art and crowned with every grace.*

**T**HIS gay deceiver was born in Halifax, where she acquired at school the art of passing examinations by leaving a great deal to Providence and doing the rest herself at the last moment. Kathleen carried off first prize for costume at the carnival, won numerous prizes from the Athletic Association, represented the Hall on the Philharmonic Society Executive, and appeared in "A Regular Fix" and "Are you a Mason." Her quickness of wit and repartee make her a social favorite and she is adored by the girls for her ready sympathy.



### MIRIAM J. DUNBAR

*But to see her was to love her.*

**M**IRIAM spent her early years in the village of Arthur, later moving to Guelph. In 1913 she entered the Associate Class and here won for herself a warm place in the hearts of all her classmates by her quiet, modest ways. During her course her industry has been manifested by the high standing she has taken in her class. This quality is a sure sign of success for Miriam for whatever she undertakes she will stick to until completed satisfactorily.

Preferring cooking to horticultural beauties she decided to take a course at the Institute.



## MARGARET HENDERSON DAVIS

*As merry as the day is long.*



**M**MARGARET claims British Columbia as her home. She came to Macdonald because she was curious, but her skill as a cook was proverbial. Marg. had a habit of visiting the "Zoo," tossing peanuts to the "Baby Elephant", feeding straw to the Giraffe and hob-a-nobbing into the late hours with the Monke, and the wild Kangaroo. It always made us feel good just to have her around because there is something lovable about Margaret. Her genuine nature, her hospitality and underneath it all, her spirit of true womanliness, have made her deservedly popular.

## CATHERINE CHRISTINA BLACK

*Honor to those whose words and deeds,  
Thus help us in our daily needs.*

**T**HE impressionable years of "Tina's" childhood were happily spent on "The dear old farm" near Howkestone, Ontario. Here the foundations of a strong, unselfish nature were laid and the tiny germ of poetry found fertility. Later we hear of her as a student at Regina Normal School, but her ambition being unsatisfied she came to Macdonald for a Two Year Normal Course. She is an all round student, taking a keen interest in sports and is a shining light in the Y.W.C.A.

We wish Tina all success wherever her future lot be cast.



## JEAN CLARK BRADLEY

*A heart of honour.  
A tongue of truth.*



**D**URING the past two years at "Mac" in the Normal Class, Jean's faculty for seeing the funny side of things and her all round 'dependableness' have won for her very many friends. As our Athletic President, she has shown herself a born organizer, possessing that rare quality TACT in combination with a clear headedness which has brought big results.

Judging from the past we are convinced that whatever line of work Jean takes up success will be her reward and we wish her all joy and happiness in the future.

## KATHLEEN ELIZABETH DOWLER

*A sunny disposition is the soul of success.*

**K**ATHLEEN is our only representative from the Manitoba Capital. Junior Normals considered their gain was Winnipeg's loss as can be vouched for by Dingo's many friends which her winning personality has won for her on both sides of the campus. In her senior year she was elected Musical representative of the Literary Society besides being captain of the Senior Normal basketball team.

*A maiden modest and yet self-possessed,  
Youthful and beautiful and simply dressed.*



## ETHEL G. DICKINSON

*Just the art of being kind,  
Is all this sad world needs.*

**A**ND "Dickie" has certainly discovered that art. St. Johns, Newfoundland, claims her as one of its daughters. It was not long before her quiet depth of character and wide sympathy, as well as a love for genuine fun, and an earnestness in her work, endeared her alike to teachers and students. "Dickie" was chosen President of her class, and assisted in a debate with the O.A.C. students and also acted as House President during her senior year.

We all feel that her attractiveness is not a veneer but rather the expression of her natural kindness in kindly words and deeds.



## MURIEL FOOTE

*Methinks there's more in life,  
Than Dems. and criticisms.*

**M**URIEL was born in Cainsville and being the daughter of a Methodist Minister, she enjoyed the variety of attending various schools in the province. In 1912, she was a graduate from Toronto Faculty of Education. We find her in September, '14 enrolled as a Two-in-one student at Macdonald, where she has proved herself an all round student.

Muriel is capable, generous and hospitable and her friends will always associate jolly chats and cups of tea with room 115.

We see a brilliant future for Muriel wherever her future work may be.





## CLARA F. GWYN

*Always merry and bright.*

**G**WYNIE first brightened our halls as a Junior Associate in 1913. She comes from the valley city of Dundas, where she was always known as a "reddy" wit. It did not take us long to realize her lovable nature and sweet disposition. She was elected Treasurer for the Athletic Society in 1914 which office she has held ever since. She took a prominent part in the play "Are you a Mason" and increased her popularity by helping to make the play a huge success. It is safe to wish our Gwynie good luck and happiness in the years to come for she will always make friends wherever she goes.

## LENA AUGUSTA GROTHIER

*For when she will, she will, you may depend on't,  
And when she won't, she won't, and that's the end on't.*

**O**N St. Patrick's Day in the mornin' in the town of Newboro on the Rideau River, Lena first saw the light of day. Mac Hall stretched out her far reaching arms and gathered her in, in the autumn of 1913. She has made many friends who will long remember her merry wit, nor will they forget how when examinations drew nigh she became a regular bookworm. We predict for her a brilliant future. Her favorite expression is: "Hustle up."



## PEARL M. GRAY

*A heart to resolve, a head to contrive, a hand to execute.*



**S**TRANGE as it may seem, Pearl's first years were spent in a garden, at Eden, Ontario. The need of special training in Diateties brought her finally to Macdonald to join the Housekeeper Class of '15. Here she has taken an active interest in College life, especially in Choral and Y.W.C.A. work. She has proven capable, energetic, generous and jolly. Her classmates feel assured that at her ideal home for orphans they will find on the door latch a hearty welcome, and feasts even surpassing those of Scratch Alley.



### ETHEL GRAHAM HANNAH

*The essence of friendship is entireness, total magnanimity and trust.*

**T**HIS must be Ethel Hannah's rule in life for none can be a more loyal friend, nor so comfortingly blind to other people's faults than Ethel.

Ethel is from "Way down East," a St. John, N.B., girl. In her junior year she was a member of the Literary Executive, while this year she has been secretary of the Y.W.C.A. and also on the Athletic Executive.

May she be as successful in her after life as she has been here is the sincere wish of her numerous friends.

### MARION S. HILL

*Wearing all that weight of learning lightly like a flower.*

**M**ARION HILL was born and educated in Guelph. The call of "God's out-of-doors" was so strong that she decided to turn her attention to poultry-keeping, and has since identified herself to such an extent with this work that she has become quite famous in it. She is an author of no mean quality and writes the poultry-page in a well-known paper. With a view of preparing herself for a future life in South Africa, is now completing her Senior Housekeeper year at Macdonald Institute.



### OLIVE ELLIOTT HAYES

*To be merry best becomes you.*

**O**LIVE began to laugh at life a few years ago at Parkhill, Ontario, and she has been doing that more or less, ever since; after exhausting the local wells of knowledge she turned to London. Feeling the lure of the West she later journeyed to Edmonton where she was a member of the McCauley School Staff. Many of the girls will remember with pleasure, the many foretold events over the cup of tea in room 231. The exigencies of her course here did not brook the tide of merriment that ever swayed in her soul and by her cheerful disposition "Olive" has become dear to us.



## MISS ZELLA E. HANHOM



**B**ACK in the '90's, Port Colbourne first was presented to the brown eyes of Zella. Since then, several places have been graced by her presence and "many young ideas have been taught to shoot" under her capable teaching, but for all that who could find one more ready for skating, snowshoeing and all the other outdoor sports.

Most to be regretted, however, is the fact that Zella remains for only one year. The "Macites" and some on the opposite campus, agree that one year's much too short a time, for they have both found out that "she's all our fancy painted her, she's lovely, she's divine."

## LILLA B. ISBISTER

*A girl seems of cheerful yesterdays,  
And confident tomorrows.*

**L**ILLA was born in Huron County, educated in Clinton Collegiate Institute and later in Toronto Normal School. The call of the West took her to Saskatoon to become a member of the teaching staff there. Since coming to "Mac" no amount of work ever daunted "Izzie's" brightness or appetite for fun. By her quiet unassuming manner she is best liked by those who know her best; and wherever she may go, we wish her a bright future, whether she uses her Domestic Science knowledge for the benefit of a man or for mankind.



## HAZEL WILLIS JACQUES

*A face with gladness overspread,  
Soft smiles, by human kindness bred.*

**J**AKEY has travelled considerably, having lived in Sault Ste. Marie, Toronto, Hauley, Sask., Saskatoon and Edmonton. In September, 1914, she came to Macdonald as a one year Normal, and being interested in athletics, Hazel has made many friends on both sides of the campus and when we trust she leaves Macdonald she will not confine her newly-acquired accomplishments to one.

*"At first you would think she was quiet,  
And somewhat studious too,  
But soon you would find she is studying,  
Some new joke to play on you."*





MARY L. KELSO

*She has wits and song and sense,  
Mirth, and sport, and eloquence.*

**K**ELLY," one of the Prairie Province girls, was born in Russell, Manitoba. She came to Macdonald and entered the 1915 Two Year Normal, bringing with her Western enthusiasm. Her musical ability has meant much to the success of college entertainments. In December, 1913, "Kelly" was chosen Y.W.C.A. representative to the Student Volunteer Convention held in Kansas City. The flourishing condition of our Y.W.C.A. may be largely attributed to her untiring efforts as President.

We trust when she returns to the West she may there win the success she deserves.

CATHARINE KENNEDY

*Happy am I, from care I'm free,  
Why aren't they all contented like me?*

**C**ATHARINE came to "Mac" from the City of Sarnia. She graduated from Sarnia Collegiate Institute there and Normal School at Toronto. Not content with this, she came to Guelph and took her present course in the "One Year Normal Class." She is one of our brightest, merriest, happiest girls in the Hall. Will the girls of the "Zoo" ever forget the roast chicken and pies in Cage 106? In sports Catharine prefers skating and in school demonstrating. We think that the school room will not hold her long.



JEAN M. KITELY

*I'll not confer with sorrow,  
Till to-morrow;  
But joy shall have her way,  
This very day.*

**J**EAN was born in Simcoe County and received her earlier education Bradford and later in Toronto. She drifted into sunny Alberta, from whence she came to Macdonald Institute. In the one year Normal Class, Jean is characterized by her quaint droll wit; and her unselfish devotion to labor and her interest in athletics have won for her the admiration of her class mates. When she goes out we trust that all success may attend her efforts.



## BESSIE CAMERON McDERMAND

*She has evil, and sane, and sense,  
Mirth, and sport, and eloquence.*



A LOYAL daughter of Elgin is Bess. She later journeyed farther afield in her search of knowledge (?) and enrolled at Moulton College, Toronto, graduating in 1912. But Macdonald called. Bess entered with Class '15. During her two years here she has identified herself with every phase of student life, an all round scholar and athlete. She cherishes the noble idea of devoting the rest of her life to teaching the young how to cook. Pet saying—"I'm a busy woman." Greatest accomplishment—Losing things. Highest ambition—To be a suffragette.

## GLADYS MANNING

*It is a comely fashion to be glad.*

GLAD" is one of the merriest souls that ever entered Macdonald Hall. Her originality and fund of humour have made her a leader in all forms of sport and gaiety, whether it be a midnight feed, a Sorority stunt, a game of hockey, or an "open gym" night. Gladys is not only a member of the Literary Executive but Mac Hall representative for the *Review*, yet she never misses any fun that's going on—in fact, it would not be half fun without Glad.

She is a Toronto girl, was educated at Pickering College, Newmarket, and entered the Two Year Normal Class in 1913. She supplemented her work last summer by a course at the National Training School, London, England.



## MARY MONTGOMERY

*A daughter of the gods  
Divinely tall,  
And most divinely fair.*



MARY'S home was on a farm near Lanark, Lanark County. On graduating from school, the wanderlust claimed her and after a trip through the Western provinces she came to Macdonald and joined the Housekeeper Class of '15. In her senior year, she was class president. "Montie's" loyal subjects might be seen at all times working nutritive ratics, to broaden and strengthen her. When she leaves Macdonald, we predict for her, success in her chosen work, but soon the lure of home life will call her back to the land.





## SUSAN MILTON

*She is slow in choosing friends,  
But slower in changing them.*

**J**OHNSON came to us from the banks of the St. Lawrence, near the old historic city of Kingston. The spirit of these rugged rocky hills have entered into her character, giving her the strong, steadfast qualities which have endeared her to us all. John, like her namesake of old has a conscience, a class conscience, and one for Scratch Alley. Her room was the scene of many tea drinkings and wherever she goes, she will have the good wishes of her class mates, and friends.

## MRS. ANNA E. MacMILLAN

*She strove the neighbourhood to please,  
With manners wondrous winning,  
And never followed wicked ways,  
Except when she was sinning.*



**M**R. "MAC" spent the first ten years of her life at Collingwood. In her Junior Year in Macdonald Housekeeper Class, she showed herself a capable student, and as Convenor of the Sophomore Dance Committee she indeed "strove the neighbourhood to please," and helped to make it the most delightful function it was. The zest for all kinds of sports will not be as keen next year, we fear, owing to the loss of the "Zoo" jolly chaperone, Mrs. Mac.

## WINIFRED WESTCOTT

*Like a lovely tree  
She grew to womanhood, and between while,  
Rejected several suitors, just to learn,  
How to accept a better one in his turn.*



**F**RED Westcott started her maidenly journey through life in the city of Sault Ste. Marie. Between the time devoted to "growing" and learning she skated on the grand expanse of the North Channel and played basket ball. Lured on by the "natural beauties" of the O.A.C., she joined the One Year Normal Class of Macdonald Institute, and was dubbed the giraffe of the Zoo on account of her silence—on certain matters. As a student, comrade and friend, "Fred" is one of the best.



### CARRIE H. MARTIN

*Shy she was, and I thought her cold.*

**C**ARRIE spent her childhood's happy days on a farm near Preston, playing and dreaming as all girls do. When she was old enough she decided to delve more deeply into the mysteries of household science and came to Macdonald to join the Housekeeper Class, '15. Do you want relief from duties? Who will help at the critical moment? Carrie, optimistic and unassuming. As a woman, Carrie is sensible; as a Mac Student, diligent; as a companion, jolly; and in coming days we know all virtues will be combined in Carrie, the Dietitian.

### ELIZABETH MASTER

*When I think, I must speak.*

**O**UR BETTY first saw the light of day in the banner County of Waterloo, near the village of New Dundee. After gaining her early education in the Plattsville school, she attended Moulton College, Toronto, and having absorbed all the wisdom offered by these institutions she came to us at Mac. Betty always wears a smile and her sunny disposition and love for fun as well as her willingness to lend a helping hand have made her a general favorite at "Mac." Who of her many friends will ever forget her long winded chats, digressions and smiles, "for life's worth while because she smiles."



### MAYSIE GARDEN MURDOCH

*Nature made her what she is,  
And never made anither.*



**M**AYSIE is Scotch through and through having come to Canada about three years ago from Aberdeenshire. Now Maysie, having an inquiring mind, decided to come to Macdonald. Here she has learned to cook surpassingly well as she often demonstrates to her friends. Although she does not live in the Hall, she often comes to visit the Zoo. She knows what is dear to the hearts of the inmates and is often seen feeding the beasts. Maysie is deservedly popular, and being truly Scotch she has a will of her own.

**ELIZABETH JANE ROGERS**

*She brings to her work an eager joy,  
A lusty love of life and all things human.*

**E**LIZABETH Jane Rogers, the original, petite worker in the One Year Normal Class, comes from Wardsville, Ontario. She is corresponding secretary for the Y.W.C.A. and class representative for the Red Cross Society. She is enthusiastic about everything she does, whether it be the Rural problem, snowshoeing, color reactions in Chemistry, toboggan parties or Educational Sewing.

Favorite expressions: I say! See.

*She's little but she's wise,  
She's a terror for her size.*



**MAY SMITH**

*With gentle yet prevailing force,  
Intent upon her destined course,  
Graceful and useful all she does,  
Blessing and blest where'er she goes.*

**I**N 1913, Destiny brought May to Macdonald Hall, from Petrolea, via Sarnia Model, London Normal and other places. She soon became one of the most popular members of the Housekeeper class and had the honour of successfully filling the position of Steward of the graduating Dinner of Class '14. A suggestion of skating or snowshoeing was sure to meet with instant approval from May. We can recommend her as a decorator, demonstrator, homemaker or "House planner."



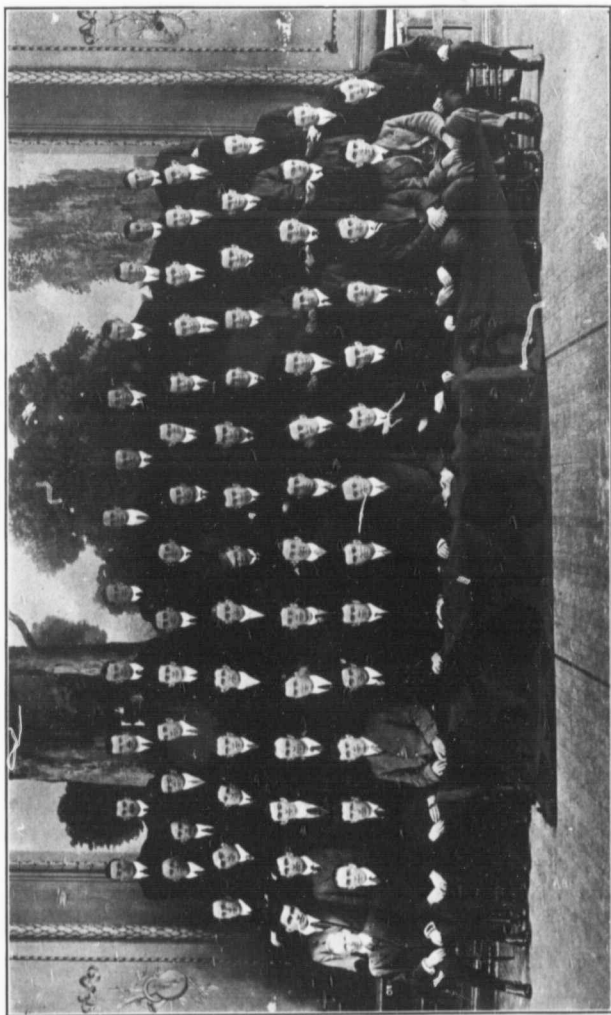
**VERNA SUTTON**

*My lady's face is blythe and sweet,  
But what is best of a'  
Her reputation is complete,  
And fair without a flaw.*

**V**ERNA Elinor Sutton entered Mac Hall last September as a One Year Normal. She is a graduate of the London Collegiate, London Normal; attended the London Technical and has studied both Art and Elocution.

Verna has many hobbies but the chiefest of these is Art. She is always ready to enter into class or school spirit and wherever she may go we wish her a bright and successful future.





O. A. C. JUNIOR CLASS 1916

## Juniors! Sixteen! O. A. C.

YES, THE O.A.C. was here long before "Year Sixteen" appeared on College Heights, and will be here long after we depart, but while "Sixteen" is here, roaming through college halls, our casual and unassuming, but nevertheless busy manner is making itself felt in no uncertain way.

As "freshmen" we were called "bumptious!" When we come to think of it, perhaps we were a little that way, but ———.

Some people, with meek and smiling faces, swallow the world like a pill, but "Sixteen" was the "prodigal." We would never take the pill, and at the same time hinted that we did not care very much for the antiquated methods of the prescriber.

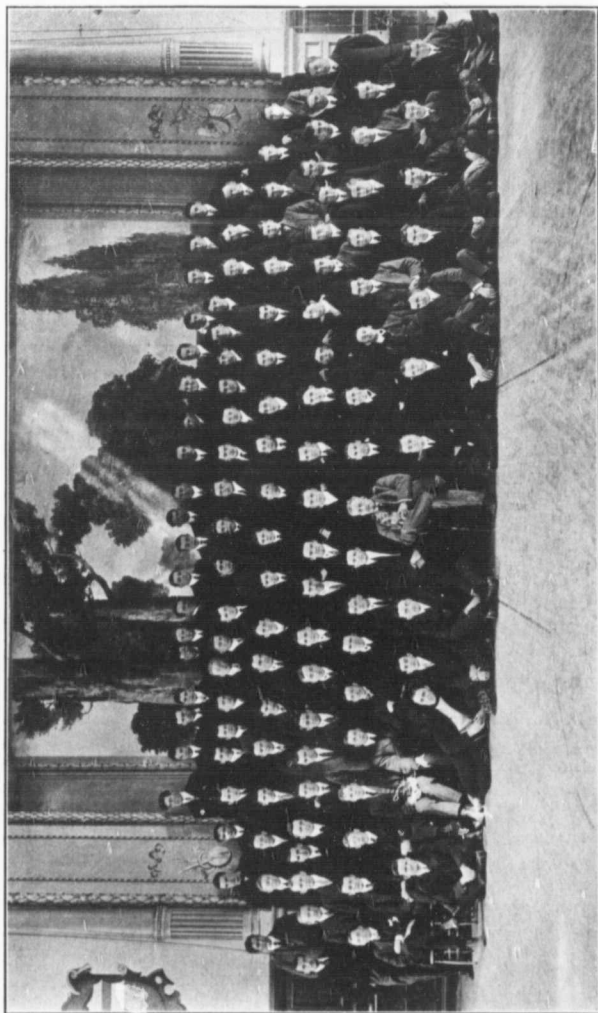
As "freshmen" we gave promise, as sophomores, we came into bloom, for in this year we won every thing there was to win, and, like Alexander the Great, wept because we had no more worlds to conquer. But we could not forever remain sophomores. Time elevated us to Juniors, which we are at the present time.

What did we win this past year? Nothing! The unspiritual god of circumstance robbed us of some of our best athletes.

What did we do around college this year? Oh, nothing much! Well then, what are you ———?

Halt! Do you ever hear a sound like a 36-inch circular saw tearing through the pine log, well—that is "Sixteen" ripping through the old established order as we find it here. Our policy has always been one of improvement. We have given the deathblow to some of the antiquated and ineffective laws which were a drag on the wheels of our college societies. Products of precedent have been thrown down the chute which runs to oblivion, and a new order, fresh and effective, has taken their place. Once we shone with a dazzling light. That light is now clear and steady and the old spirit, the old "punch," still lives and thrives.

"Sixteen" is still "on the job."



O. A. C. SOPHOMORE CLASS '17

## History of Year '17

WE HAVE arrived and now occupy a position in this College second to none. Two years have rolled away quickly; indeed it seems but yesterday since we stood for the first time on the campus and received our welcome from the hands of the Sophomores. We have had many and varied experiences; all of them interesting and helpful. We have had the unique experience of defeating the Sophomores in the flag fight as Freshmen and defeating the Freshmen as Sophomores. Who, in year '17 will forget that never-to-be forgotten and irresistible charge of our picked strong men, near the finish of that last memorable fight, after we had hurled two lines of fighters against our powerful foe. It was indeed invincible, disorganizing the Freshmen completely and the battle was won.

This year we won the Outdoor Sports by a wide margin, the Aquatic meet easily; are Inter-Year Skating Relay Champions and won the Indoor Sports, beating out the First Year by a slight margin. From '17 came that grand all-round athlete, A. E. Fitzpatrick, grand champion at our sports, and grand Champion at the Inter-Faculty Meet at Toronto.

Our Honorary President is still Dr. Hugo Reed, minus however, his familiar spirit "Teddy" who was unfortunately killed last summer. May the Doctor long be spared to initiate poor hapless Freshmen in Veterinary Anatomy and kindred subjects. Our President, Campbell Graham, he of the genial smile, has discharged his duties faithfully and well and has been ably seconded by the other officers and executive.

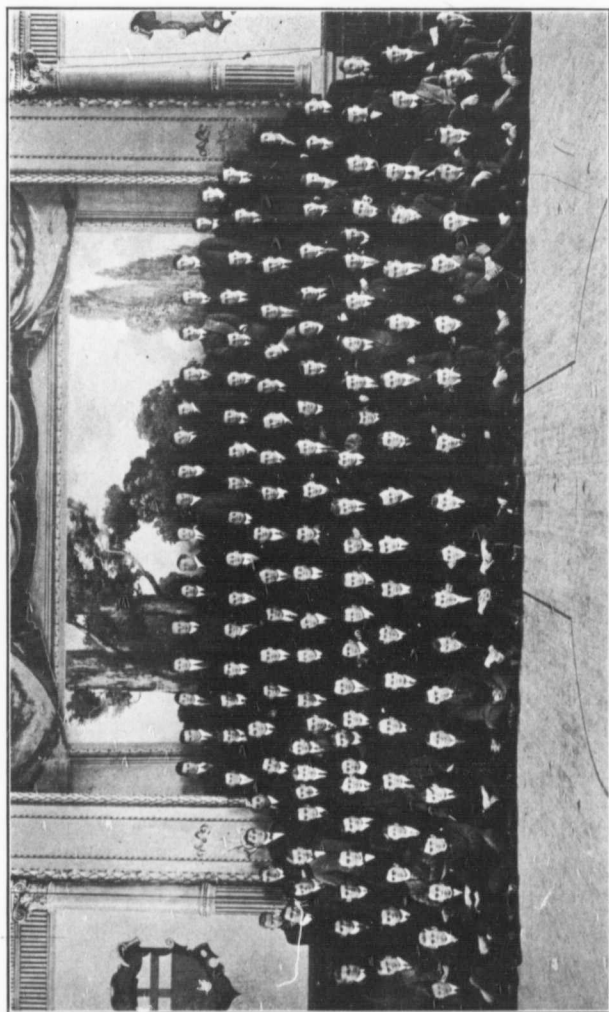
In a few more days we will be leaving the College, some of us forever, yet we will ever retain in our hearts a warm feeling toward all the men who have helped to make up and who have brought honor to '17, and the College.

Yet, in the midst of all these sports, other enjoyments and duties that have occupied our time so fully at the O.A.C., we have not forgotten that at this time there are sterner duties to be performed. We realize that Britain needs all the help available and when the Lion growls the cubs should not hold back. The following have responded to "The Call to Arms," and no doubt many more will follow:

A. C. Fitzpatrick, C. A. Bradley, R. T. Burnett, L. V. Caldwell, J. W. R. Campbell, A. G. Clarry, C. T. Forman, R. S. Hartley, W. S. Hammond, H. C. Herder, W. M. Hawley, G. F. Knight, C. W. Neale, M. A. Neilson, A. J. Orlovski, S. E. Percival, W. M. Scott, J. F. Waterfall, M. S. Waters, G. A. Wearne, E. A. Western, H. Westra, H. A. Woodgate, E. R. Fairclough.

To all these men, we doff our hats knowing that they will bring honor to their Alma Mater and to year '17.

We have indeed, been fortunate in our choice of officers and executive to lead our class in all its activities.



O. A. C. FRESHMAN CLASS '18



## Dear '18

THE picture on the opposite page introduces to the world the latest addition to the O.A.C.—Class '18. It is nearly a year now since we first took possession of Residence, in September, 1914, when the members of the class gathered from the four corners of the earth—from Great Britain, from South Africa, from the United States and from the East and the West of our own Dominion.

A bond of mutual sympathy and protection soon cemented the class together. After having been welcomed by Acting President Zavitz in person, we invested perforce in the little red caps supplied by the Sophomores, who brooked no refusals. The caps served their purpose, for through them we quickly learned to know one another. The initiation, which took place on the first Monday afternoon, needs no description here. It was entirely successful, and both sides left the field satisfied. Needless to say, the well-organized second years won the flag-fight in a very short time.

In Athletics, the only branch of college life in which one year can compete with other years on an equal footing, Class '18 has made a showing of which we need never be ashamed. We have had our representatives in every branch of sport, upholding the honour of the college and their year. While '18 came second in the two track meets, the Freshmen have won the Inter-Year Hockey, the Inter-Year Basketball, and the Boxing and Wrestling meet. In our first year, we have acquired an interest in sport which will never be lost during our years at the O.A.C.

No class ever enjoyed College life more than we have. None of the beauties of life in Residence have been wasted on the Freshmen; instead we have made the most of them all. The social life with our Mac Hall friends, through the medium of the rink, dances, and the various year parties, has never found the Freshmen wanting. Not a skating night passed without a goodly showing of the white sweaters of '18. Our one social event, the skating party, was a complete success. Out in the semi-moonlit rink—something new in skating parties—the ice was perfect, and with the aid of the band and the caterer, we spent an evening to which we will always look back with pleasure.

Now that our Freshman year is over, we can say that no member will ever regret the time, however short, that he has spent at the O.A.C. Whenever we look over the picture of our class mates shown here, let us remember particularly those of them who have left us to fight for Canada and the Empire.



**O A C STUDENTS' COUNCIL—1914-15**

M. L. JONES, '16, V. PRES.  
R. R. HANSMAN, '15

E. T. CHESLEY, '18  
S. E. PERCIVAL, '17, SEC.

W. P. SHORREY, '18  
D. G. LAIRD, '15, PRES.

J. L. SMITH, '18  
R. A. FINN, '15

P. D. FERGUSON, '16  
W. H. SCOTT, '16, TREAS.

## Students' Council

**F**EELING that something was lacking in student organization the students, after a few years careful investigation, organized in 1910-11 what is known as the Students' Council. Previous to that, student affairs were settled in meetings of the whole student body. These meetings were often long and unsatisfactory and in many cases were adjourned without anything having been accomplished. On occasions when disputes arose between societies, there was no higher executive to which an appeal could be made. Matters of a private nature were often discussed *en masse*, which, needless to say, was not in the best interests of the individuals concerned nor of the student body in general.

The object of the Students' Council is to give to the student body self-government in matters pertaining to itself. This authority is exercised with the sanction of the president of the college, who reserves the right to veto any ruling that is not in the interests of the college as a whole.

The Council conducts all general elections, supervises the arrangements for college theatre nights, has charge of all student parades, has the power to authorize the formation of new college societies and the dissolution of any college society as the occasion demands, and censures or disciplines students whose conduct is deemed detrimental to the welfare of the college.

Under the guiding hand of D. J. Laird, the Students' Council has successfully conducted the students' affairs of state for another year and reached another milestone in the development of the great principle of self-government at the college.

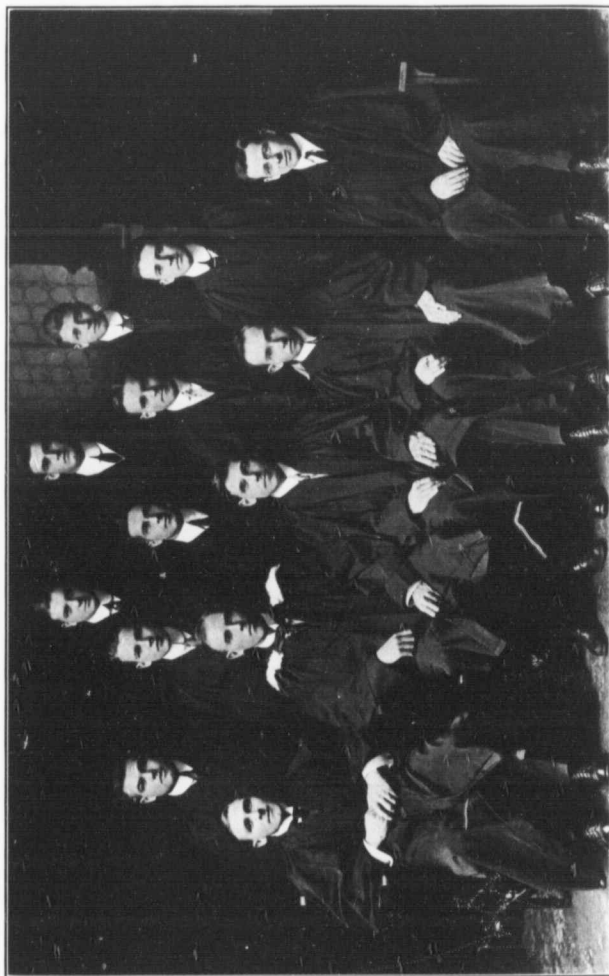
## O. A. C. Athletic Association

**I**N ATHLETICS the past year has been one of progress. Yet progress alone does not tell the story. For the first time in history, we won the Inter-Faculty Track Meet at Toronto University. Then we won the Dominion Junior Inter-Collegiate Championship in rugby. Our basketball team lost their district by the very narrowest margin. That's progress! That's doing things! That's going some!

Our hockey was not so fortunate but that was not our fault. The rink had no business falling in just when our team most wanted to use it. Soccer arose and asserted itself and is now a permanent branch of our sports. The Association initiated and made a splendid success of a tennis tournament. Our emblem awards have been revised and put on a permanent basis and our athletic store has been placed in the more efficient hands of the Co-operative Association. These are only a few of the things that have been done but they tell the story. They are the signs of the times. They show that the Athletic Association is awake and on the job.

These are the days of efficiency and the Association has been perfecting its machinery—has been adopting the internal mechanism that is putting the O.A.C. sprinter down the hundred yard line just a little faster than the other fellow. If a member feels grouchy or blue, it induces him to play rugby or soccer or to take a swim and forget it. It attempts to give a fellow the stuff that is good for what ails him.

Thus briefly a little peep into the business of the O.A.C. Athletic Association for the past year.



O A C ATHLETIC EXECUTIVE 1914

W. BISSETT, '17 REP. L. A. ALLAN, SEC'Y. H. J. SULLIVAN, '18 REP.  
 A. E. SPRINGSTEAD, '17 REP. K. W. FORMAN, '18 REP. N. H. PAWLEY, '15 REP. E. E. CARR, ROSS, THOMAS, R. W. DONALDSON, '15 REP.  
 D. W. GILLIES, POV. DIR. PRES. J. E. HOWITT, M.S.A., HOM-PRES. D. R. SANDS, PRES. H. L. FULLER, S.A., HOVA, PRES. R. J. SKELTON, V.P.



**O A C REVIEW STAFF, 1914-15**

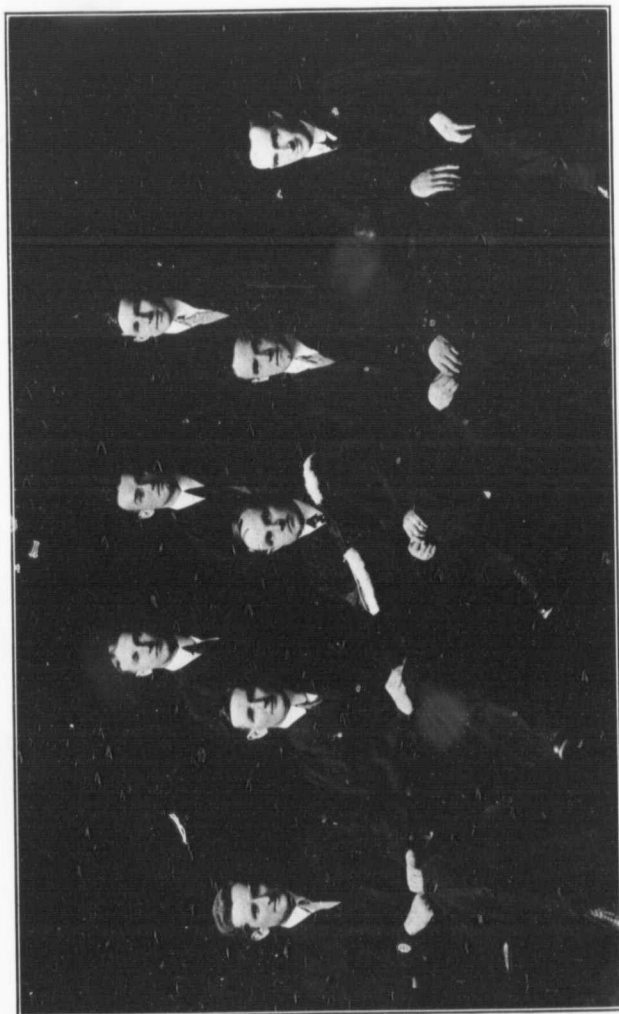
R. W. DONALDSON  
HORTICULTURE  
W. H. HILL,  
ALPENS

S. B. STOTHERS  
LIFE  
W. M. KERR  
BUSINESS MANAGER  
A. CORY  
EDITOR-IN-CHIEF

C. L. RAWSON  
ARTIST  
W. F. MALCOLM  
LOCALS  
R. E. FOYSTON  
EXPERIMENTAL  
GLADYS MANNING,  
MADONNA

J. P. HALES  
PRESIDENT  
R. H. ABRAHAM  
QUERY  
A. M. McDERMOTT  
ASSOCIATE EDITOR

F. R. COTSWORTH  
ATHLETICS  
R. D. COLQUHETTE  
AGRICULTURE



O. A. C. UNION LITERARY SOCIETY 1914

J. H. WINNSLOW,  
VICE-PRES.

L. B. MARTIN,  
COMMITTEE

F. C. DONALD,  
PRESIDENT

C. B. I. LAMBERT,  
2ND VICE-PRES.

PROF. S. F. EDWARDS,  
1899-1913

C. M. SIKON,  
SECRETARY

W. J. B. KAY,  
COMMITTEE

W. P. MACDONALD,  
TREASURER

## The O. A. C. Review

THE *Review* craves a word with Class '15, as they pass out of College and into the world; not so much through virtue of what it has been, as what it has endeavored to be in their college life. Perhaps it has played a greater part than at first thought seems possible.

Its constant endeavor has been to augment the experiences, associations and investigations of college life, by placing them before its readers in permanent form. These are now reminiscences, every incident clothed in new light.

Few radical changes have been made in the *Review* in the history of the Class; nor are they advisable. Indeed, it is remarkable that with a staff changing each year, such a unity of purpose should mark the progress of its work.

As a College Magazine talents may have been developed that otherwise would have remained dormant. College life may have been made a little more worth while through its instruction or entertainment; if so, an ideal has been the more nearly attained.

While under the management of Class '15, success in great measure has attended the work of their publication; the uninitiated know little of the effort and perseverance involved. Payment in return must be in service.

As Class '15 pass from the role of student to that of graduate, the *Review* wish them God speed, and asks to serve, in all its departments, as the connecting link between the graduate and his alma mater.

## The Union Literary Society

NOW as we view in retrospect the combination of circumstances that have left impressions in our college life, we are able to discriminate between those that have been pleasant and those that have not been so pleasant. Truly the Literary society can be placed in the first Category.

As years pass, the college grows and its academic activities increase. Lectures and sports make calls on our time. We live in a constant whirl, and in this respect, perhaps, conform closely to the trend of modern America. It is good to lay aside our musty books for a season and give ourselves over to the enjoyment of the literary and social pleasures provided from time to time by the Union Literary Society. Through this medium, we meet our friends from the Mac at delightful "At Homes" that are held at least twice a year. Here Youth meets Beauty and all is merry as a marriage bell for a whole evening and when it is over, we have learned new lessons, have found new inspirations, and perhaps, something new to live for.

Once a month, we meet together in debate. The man of noble thought here has his innings, and hard fought contests season those who will be our country's orators. It is here that we put our best side outside. Here the burning word is spoken, the fiery tirade launched and broadsides exchanged. After the din has died away, we are better friends and comrades, have a broader outlook and a more universal spirit than ever before. We have others who sing, and those who perform upon the harp; they too, contribute to our pleasure, and to their own improvement.

Our Union Literary is a great educator. It is the medium that cures us of our characteristic infirmities, and the taste is pleasant withal. Never will we forget the Literary with its—— Who ish—e-e?? Who ish—e-e??



O. A. C. UNION LITERARY SOCIETY 1915

W. F. MALCOLM,  
COMMITTEE

N. A. MARSHALL,  
COMMITTEE

C. W. RILEY,  
COMMITTEE

W. P. MACDONALD,  
1ST VICE-PRES.

H. B. STECKLEY,  
SECRETARY

E. J. FITZGERALD,  
TREASURER

W. J. W. CROW,  
1ST VICE-PRES.





**O. A. C. PHILHARMONIC EXECUTIVE 1914**

W. C. JAKES CHORAL AND CHOIR MANAGER	G. E. PATTON DEBATE MANAGER	MISS K. CUNNINGHAM MAC HALL REP.	F. L. GOODMAN 4TH YEAR REP.	W. H. HILL ORCHESRA MAN.
E. CULP TREASURER	T. M. STEELE 1ST YEAR REP.	R. J. GRIFFIN PRESIDENT	P. D. VAHEY VICE-PRES.	M. J. MALLORY J. M. MALLORY ROOFTOP CLUB SECRETARY



**D. R. SCHUYLER**  
 TREASURER  
**J. C. NEALE**  
 SECRETARY  
**Y. M. C. A. EXECUTIVE 1914**  
**J. M. McNEIL**  
 LIBRARIAN  
**R. B. HINSMAN**  
 PRESIDENT  
**A. H. TON**  
 MUSICAL DIR.  
**J. W. CHARLESWORTH, B.A.**  
 HON. PRES.  
**W. J. KERR**  
 CH. MISSION STUDY  
**J. A. NEILSON**  
 CH. BIBLE STUDY  
**F. B. COTSWORTH**  
 VICE-PRES.

## Philharmonic Society

THE Philharmonic Society, as it now exists, was formally established four years ago. The aim of the Society has been to make the time pass more pleasantly for the student, to give to him that something which is not found in the regular routine of lecture work.

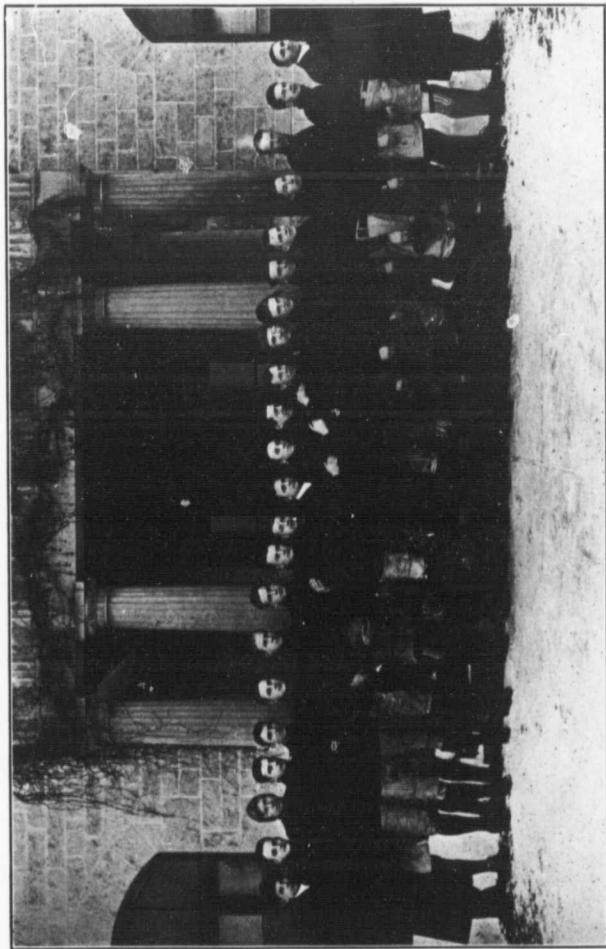
The branches of the Society are: Choral Club, Chapel Choir, Orchestra, Dramatic Club, and rooters' Club. Since the fall of 1911, the Choral work has been under the direction of E. M. Schildrick, of Guelph. Much progress has been made during this time. H. H. Black, also Guelph, has conducted the orchestra for the last two years. His untiring efforts have done much to make that organization a success. The Dramatic work has been under the direction of students exclusively. The able rendering of their recent production, "Are you a Mason?" proved that a great deal can be accomplished if willingness to stand together and do a little work is the aim. Even the Rooter's Club is important in the college life. To show loyalty to your team and to your college by getting out on the side lines and giving a few whoops worth while, is a privilege which no college man can afford to miss.

Although much has been accomplished in the past, much more might be done. With a little more co-operation on the part of the students, the Philharmonic Society might come more fully to the realization of its aims and ideals.

## The Y. M. C. A.

ONE OF THE oldest, if not the oldest organization in the College, the Young Men's Christian Association, was established in January, 1889. It stands for a high moral and religious tone in the student body. It believes in, and stands behind all the other Societies in the College in seeking to develop an all round, fully developed, Christian Manhood in every student. Its watchword is "To Serve All," and it has lived up to the call throughout its life. 1914 witnessed an innovation in that, for the first time in its history, it engaged a Student Secretary to develop and supervise its activities. The wisdom of the new move has been abundantly justified in the extension of the Association's activities.

Believing that no student will ever secure satisfaction in life until he understands and attends to the spiritual demands of his nature, the Association lays its main emphasis on the Study Groups which meet every Sunday morning throughout the year to study the bible and rural life problems. Besides the 250 students reached in this way, it conducts Tutoring Classes, classes for teaching Foreigners English, Lost and Found Bureau, Employment Bureau, Boarding House List, Sick Visitation Committee, Midweek meetings for training in Leadership, New Student Work, Church Relations, etc. With the growing interest of the students in its work and the co-operation of the 120 men enrolled in its service during 1914-15, we may confidently predict a much larger success for it in the future extension of Christ's Kingdom.



**O. A. C. JUNIOR CHAMPIONS C.I.R.F.U. 1914**

READ FROM LEFT TO RIGHT:—D. R. SAMPSON, Pres.; A. A. A. B. RAYMOND, C. Half; C. L. RAWSON, Middle Wing; O. C. EVANS, L. Inside; H. C. HUCKETT, R. Side; F. W. MORGAN, R. Middle; J. R. WILSON, Capt.; ROBERT, R. M. KIRSTEAD, L. Half; E. Z. AGAR, R. Half; H. SULLIVAN, R. Outside; S. H. GANDLER, Manager; K. WILSON, End Wing; B. LANGLEY, L. Strim; J. M. CREGLMAN, Spare Half; J. DELAHAY, R. Inside; J. A. DEMPSEY, Spare; E. E. CARNROSS, L. Middle; K. W. FORSMAN, L. Outside; J. R. WILSON, Spare; H. W. GRANTOR, Spare; N. H. FAULEY, C. Strim; D. W. GILLIES, Fly. Dit.

## O. A. C. Rugby Team

Junior Champions of the C.I.R.F.U. 1914

THE RUGBY season of 1914 was successful from the standpoint of players, rooters, coach and manager. Though we did not reach the acme of our endeavors by annexing the Junior Canadian title, the honors of our league, the C.I.R.F.U. came to us after some exciting foot-ball.

Early prospects for a good junior team were not any too bright. From the team of 1913, Capt. Wilson, Langley, Delahay, Huckett, Morse, Agar and Carncross were the survivors, and the building up process began early. With many places to fill competition naturally was keen and it was not long before men such as Evans, Rawson, Raymond, Munro, Keirstead, Forman and Sullivan were discovered and the situation began to brighten.

The first league game was pulled off at Varsity and resulted in a one point lead for the O.A.C. In the return match Varsity showed evidence of disorganization, college winning by a score of 47 to 11. Kingston Collegiate was our next opponent, being winners of the Eastern Division. In a peculiar game at Kingston the O.A.C. team was beaten by 10 to 4. Our boys could not get warmed up to it through frequent delays in the game and their play was disappointing; however, little apprehension was felt concerning the return game. On a snow covered field in Guelph, O.A.C. got down to business and rolled up a score of 22 to 0, wiping out their former defeat and bringing the Junior Intercollegiate Championship to the college for the second time in three years.

## Apiculture Club

THE Apiculture Club was organized on October 25, 1910, by a few students of the college keenly interested in the study of beekeeping. It started on a substantial basis with enthusiastic officers and members and has grown steadily ever since.

The particular end of the club in the past has been to give its members a more intimate knowledge of the work, from both the practical and the scientific viewpoints, than can be secured from the college curriculum and with this in mind the services of the most practical beekeepers in Canada and the United States are secured from time to time to speak on different phases of the industry. These lectures are especially beneficial to those who wish to enter the business on a larger scale.

The Club has been exceptionally fortunate in securing the services of such men as Mr. Morley Petit, Provincial Apiarist for Ontario; Dr. Burton N. Gates, Professor of Apiculture, Mass. Agricultural College; F. W. L. Sladen, Apiculturist for the Dominion Experimental Farms; F. E. Millen, B.S.A., and G. F. Kingsmill, B.S.A., all of whom are well known in the apicultural world.

For those specializing in biology advanced practical microscopic work on the anatomy of the honey bee is taken under the Professor of Entomology during two or three evening meetings. In this way the structural study of the bee is made exceptionally interesting.

The Club meets every two weeks and many and interesting are the discussions that arise.



**O. A. C. APICULTURE CLUB EXECUTIVE 1914-15**

W. F. GEDDES, 1ST YEAR REP.  
 C. L. RAWSON, 2ND YEAR REP.  
 MR. MORLEY PETT, HON.-PRES.  
 J. L. DOHERTY, 1ST YEAR REP.  
 W. W. SELWYN, VICE-PRES.  
 E. W. M. ATKINS, PRESIDENT

F. W. WALSH,  
 SEC.-TREAS.



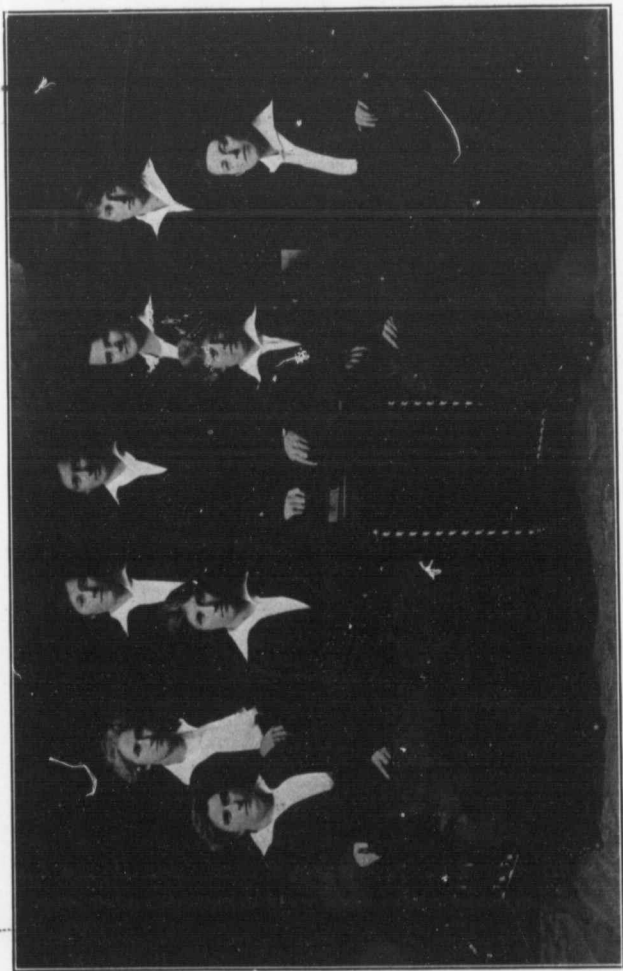
**O. A. C. RINK COMMITTEE 1914**

D. ELLIOTT, '16, Pres.

G. F. BROOKS, '18, Sec'y.

W. M. KEDEVY, '13, 4th Year Rep.

H. W. GRAHAM, '17, V.P.



**Y. W. C. A. EXECUTIVE BOARD 1914-15**

MARIORY TOY  
 PRESIDENT  
 RED CROSS CON.  
 PEARL GRAY  
 BIBLE STUDY CON.

HALL E. HAYES  
 O. A. C. CON.  
 MUSIC CON.  
 G. HANNAH  
 REC. SECRETARY

MACDONALD  
 MARY L. KELSO  
 PRESIDENT  
 ETHEL  
 REC. SECRETARY

C. TENA BLACK  
 MARY L. KELSO  
 PRESIDENT  
 ETHEL  
 REC. SECRETARY

E. JENNIE ROGERS  
 SECRETARY  
 DOROTHEE BYERS  
 VICE-PRES.

MAY SMITH  
 TREASURER



## The O. A. C. A

THE Y. W. C. A., under the enthusiastic leadership of their President, Miss Mary L. Kelso, began its active work early in the fall term. Since then, the Sunday evening meetings have been held regularly with splendid attendance and manifest interest. The gymnasium has been made most attractive with flowers and easy chairs, while an open fire invariably glows in the big fireplace. The musical part of the program has been a most enjoyable feature of each meeting. During the first term the speakers were other than our own members. Besides members of the Faculty, whom we always welcome most heartily, and several residents of Guelph, we were greatly favored in hearing Dr. Benson and Miss Wrong of Toronto, and Dr. Sharrard of Indore College, India. During the second term the meetings, with few exceptions, were conducted entirely by the various classes in turn. Some splendid papers were read by our own members.

A Red Cross Branch of our Society was organized and with the hearty support of Mrs. Fuller and Miss Dickinson, did splendid work for the cause.

The Bible Class has been most fortunate in following a course of study under the able and inspiring leadership of Professor Reynolds.

We sincerely hope that the work done during the past year will be a foundation for better and broader work in the future.

## Macdonald Athletic Association

THE Macdonald Athletic Society is probably the most popular society of the school, but, is this to be wondered at when we consider that the President, Jean Bradley, has worked so hard to make it a record year?

The first and foremost of the sports is Basketball (both indoor and outdoor) in which the girls all take an active part. In 1914, a series of inter-class games, in which almost every class was represented, was held, resulting in the Short Course carrying off the Championship.

This is the first year in which Tennis has taken such a prominent place. Never have the courts proven themselves more popular than during the mixed tournament held in the fall term. Although there was great skill shown throughout, the trophies were won by Miss Vera Burling and Harry Rowland.

Mac. Hall held its first Annual Field Day on October 3, 1914. A very interesting programme was arranged and the majority of the girls entered with enthusiasm into the various events. The championship of the day was won by Miss Renee Rocher. The presentation of the prizes was made at a joint meeting of the Athletic Associations in the College Gymnasium on the evening of the O.A.C. Field Sports Day.

We hope that in the years to come the Athletic Association will continue the good work which has been so ably started.



**MACDONALD HALL ATHLETIC EXECUTIVE 1914-15**

ETHEL HANNAH  
BASKET BALL REPRESENTATIVE

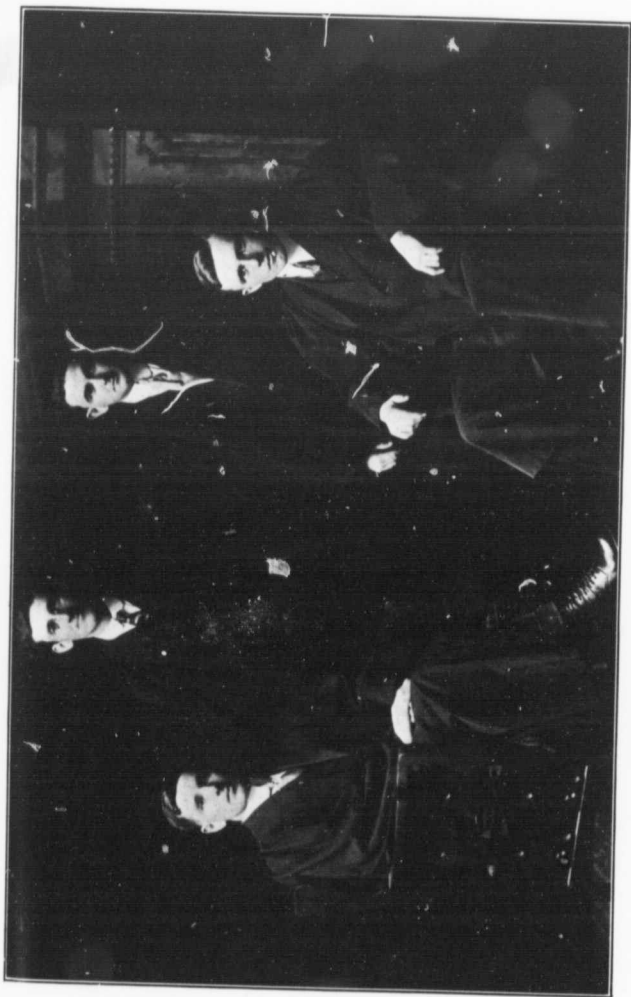
CLARA GWYN  
TREASURER

JEAN BRADLEY  
PRESIDENT

RANG BALL REPRESENTATIVE  
BLANCHE CONRAD  
SECRETARY

ISABEL COCHRANE  
HOCKEY REPRESENTATIVE

HELEN EASTON  
JUNIOR REPRESENTATIVE



O. A. C. CO-OPERATIVE SUPPLY DEPARTMENT COMMITTEE

D. M. McLENNAN, '16, PRES.

G. KNOWLES, '18, SEC.

R. A. FINN, '15 YEAR REP.

W. B. McMULLIN, '17 V. PRES.



**MACDONALD HALL LITERARY SOCIETY EXECUTIVE 1914-15**

MRS. A. McMILLAN  
SECRETARY  
CONVENTOR DRAMATIC COM.

R. McDERMANN  
VICE-PRESIDENT  
E. McDERMANN  
PRESIDENT

M. SMITH  
CONVENTOR SOCIAL COM.  
W. McDERMANN  
CONVENTOR DEBATING COM.

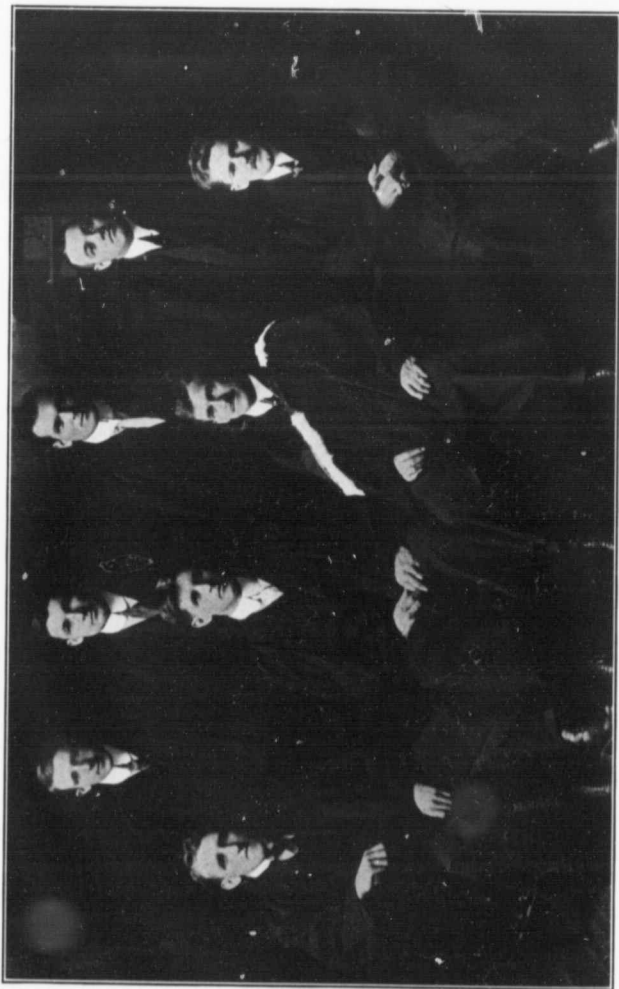
F. REEK  
TREASURER  
J. McDERMANN  
CONVENTOR MUSICAL COM.

## Macdonald Literary Society

**T**HIS society is one of the major societies of the College and as such is wielding an influence among the student body which cannot be estimated. Having as its main object the development of both mental and asthetic qualities which are the marks of true womanliness, the Literary has done much to promote the welfare of Macdonald Hall. Nor is its influence confined to mental development alone; but also through the influence of its social functions there is fostered the esprit-de-corp which is so essential to ideal college life.

Beside taking part in the Union meetings held monthly in Massey Hall, our meetings in our own gymnasium afforded wide range for the varied talents of our members. In December we held our first debate when several debating stars were discovered among the girls. Later in an inter-debate between the Alpha Literary Society of the O.A.C. and our Society, our representatives by their logic succeeded in swaying public sentiment in their favor.

Those of us who are leaving will always cherish the fondest memories of Union Literary Meetings, Macdonald Prom's and the inspirations of budding orators. We shall look forward to hearing of many influential women who first discovered their talents by the pressure brought to bear upon them by the Program Committee of the Literary Society.



**O. A. C. CO-OPERATIVE ASSOCIATION EXECUTIVE 1914**

V. A. STEWART, '17  
3RD YEAR REP.  
J. C. FULLER, '17  
SECRETARY

J. L. DOUGHERTY, '16  
3RD YEAR REP.  
J. E. NEASE, '16  
PRESIDENT

G. SKINNER, '17  
2ND YEAR REP.  
H. H. LEDFORD, B.S.A.  
GENERAL MANAGER

E. G. GORDON, '15  
4TH YEAR REP.  
H. G. CRAWFORD, '15  
V.P.C. PRES.

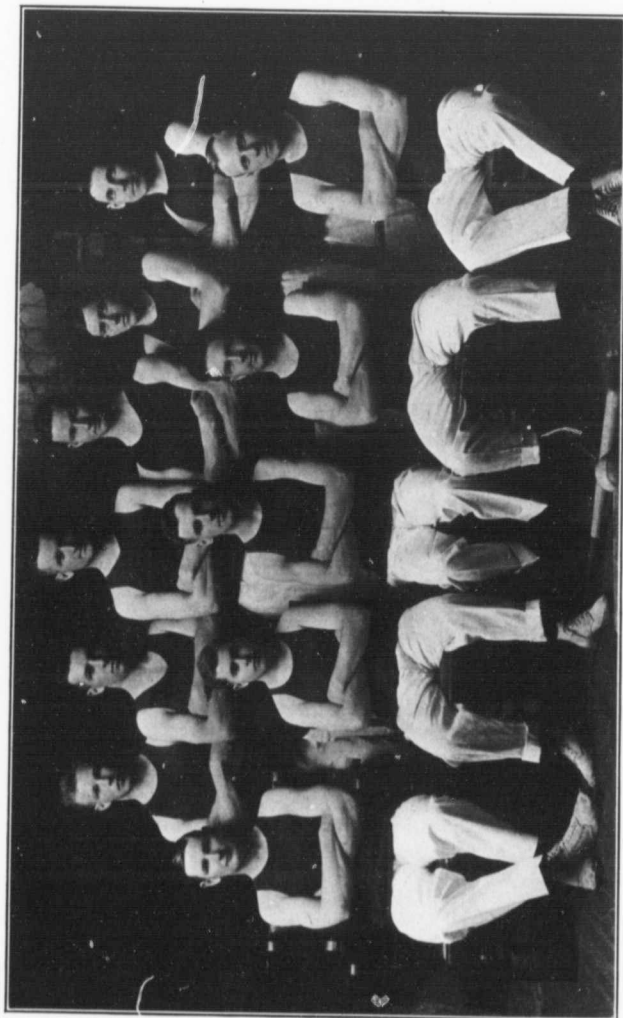
## The Co-operative Society

THE Co-operative Society, organized in 1913, has passed through a most remarkable year. Snow accumulating on the roof of the rink caused it to give way in January. Two nights later, however, the Freshmen were able to hold their skating party. Regardless of this accident the rink has proven that it is a paying concern and in the future will be looked upon as a very prosperous branch of the Association.

The Supply Department has enlarged its scope, taking over the sale of the athletic goods, formerly handled by the Athletic Association. Considerable outside business has been transacted with the ex-students of the College, especially the District Representatives and rural schools. The success of this branch of the Association is guaranteed and will, no doubt, be soon recognized as a desirable place to buy agricultural books of any nature.

Shortly before Christmas a campaign was outlined to secure additional advertising material for the *Review* and increase its circulation also. A number of the members of the executive spent some time in their vacation soliciting advertisements and despite the existing financial conditions, success was gained beyond expectations. Under these circumstances, the *Review* has undertaken a task which a short time ago would have seemed impossible.

The corner property adjoining the campus on which stands the memorable "Moore Estate," familiar to all students and graduates, has been purchased for \$10,000. All buildings are to be removed before May 1st, when possession is given. The property was bought as a site for the proposed new Students Building. Plans were drawn last fall for a building to cost about \$75,000 and would include offices for societies, apartments for students and rooms to handle the increasing business in whatever form it may develop. The site is a reality and will be paid for by the *Review*. The building exists only in imagination, but there is a way, and the Association with its very competent managing Director H. H. Le Drew, will find the way and the means to accomplish even this. An organization that can start a supply store and build a rink in one year has cause for its optimism. So watch for developments.



**CLASS '15 O.A.C. BASEBALL TEAM—INTER-YEAR CHAMPIONS 1914-15**

J. M. CREELMAN  
R. D. BIGH  
R. D. BIGH  
A. G. DUSTAN  
3RD BASE

F. C. DONALD  
1ST BASE

J. P. HALES  
PITCHER

J. H. WINSLOW  
PITCHER

E. R. HALL  
LEFT FIELD

N. H. HAWKEY  
LEFT SHORT STOP

D. R. SANDS  
RIGHT SHORT STOP

G. H. GIBSON  
CATCHER

F. E. CUTVERHOUSE, (CAPT.)  
2ND BASE



## A Suggestion to District Representatives

**W**HY NOT utilize the human interest short story as a means of presenting lessons in agriculture to the younger generation? For instance:

John MacBeth Murray strolled slowly down the lane with the idol of his affections, Miriam. They had known each other for a long time, but she had never become really attached to John until he won the prize at the Talbotville school for the best school plot. Miriam had won first prize at the fair that fall for utility cooking. Hence the union of two artistic souls. From that time their ambitions had been linked. John had aspired to become a graduate of the Agricultural college, and Miriam to attend the school for household economy in conjunction. And now John had successfully passed his second year examinations (he had written his thesis on "School plots I have known") and Miriam was planning to commence her course that fall.

It was summer time. On either side of the road, softly murmuring in the night breeze, lay fields of oats (American Banner, highly recommended for this county). They were blue-blooded oats, passed by the Canadian Seed Growers Association, guaranteed to make a dray horse ourstrip a King's Plater. Here and there, shyly peeping forth (it was moonlight) could be seen a head of field mustard (*Brassica arvensis*), but this was a rarity. The beautiful ox-eye daisy (*Chrysanthemum leucanthemum*) had been eradicated from the fence corners, and all was peace. But we must on with our story.

"Miriam," murmured John (but a different murmur to that of the oats mentioned above). "Miriam, I shall have to leave you in the morning. I am ordered to Essex county to make a drainage survey for my chief at the college. It is a clay loam soil and I shall be forced to plan lines of tile at 30 feet distance from each other. The owner is property poor, but I shall carry the glad news to him that he can secure a loan from the Government at 4 per cent. to pay the cost of installing the drains. But I wish to tell you this before I go, Miriam. It is a dangerous mission. I may be stuck in the clay if a rain storm overtakes me, and starve miserably to death before I can be reached. Remember tho that in all my surveys this summer I have recommended the use of the traction ditcher."

At this point John was interrupted by a huge bumbly insect flying into his mouth. "Ah," he said half to himself, "one of Mr. Caesar's June beetles, the mother probably to those white grubs in the strawberry patch. I warned dad against planting strawberries the year after the land was broken up."

"Yes, Miriam," he continued to his companion, "I thought of you always last winter, and I've often fallen asleep in lectures and dreamed of you. You are as necessary to me as lime is to the clovers; you are to me what Bordeaut mixture is to potatoes, in that you prevent the blighting of my young life. I have long cherished for you a—" Another interruption again occurred. A loud and continuous cackling arose from a poultry house they were passing.

"That's some of Graham's bred-to-lay Barred Rocks," explained Miriam. "They keep climbing down from the perch all night to lay more eggs. The man who owns them has to have an assistant to trapnest them at night, and he has asked for a siding from the railroad into his place to help him get the eggs away. But what were you going to say to me, MacBeth," she said, squeezing his arm, and blushing furiously, so that under the blue light of the moon her beautiful face appeared almost purple.

"I have long cherished for you," replied the young man, his voice seeming a little shaky, "a—a—a— member of seeds of *cobea scandens*. Take them. The plant is an excellent climber, suitable for the background for your perennial Border. And whenever you are resting in its shade and I am far away surveying for sub-irrigation remember that—that—" here he stopped, trembling.

"Yes, John!"

"That no orchard should be left in sod!"

The shock was too much for Miriam. She fainted into his arms. And at this moment who should appear on the scene, but——

(TO BE CONTINUED)



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No. of bars	Height	Stays inches apart	Spacing of horizontals	Price in Old Ontario	SPECIAL FENCE
6	40	22	6½, 7, 8½, 9, 9	\$0 22	No. 9 top and bottom. Balance No. 13. Upright 8 inches apart.
7	40	22	5, 5½, 7, 7, 7½, 8	24	18-bar, 48-inch .....\$0 43
7	48	22	5, 8½, 7½, 9, 10, 10	25	20-bar, 60-inch ..... 48
8	42	22	6, 6, 6, 6, 6, 6	27	Set tools ..... 8 00
8	49	16½	6, 6, 6, 6, 6, 6	29	3-ft. Gate ..... 2 25
8	47	22	4, 5, 5½, 7, 8½, 9, 9	30	12-ft. Gate ..... 4 20
8	47	16½	4, 5, 5½, 7, 8½, 9, 9	30	13-ft. Gate ..... 4 45
9	48	22	6, 6, 6, 6, 6, 6	31	14-ft. Gate ..... 4 70
9	48	16½	6, 6, 6, 6, 6, 6	31	25 lbs. Staples ..... 75
9	52	22	4, 4, 5, 5½, 7, 8½, 9, 9	33	25 lbs. Wire ..... 70
9	52	16½	4, 4, 5, 5½, 7, 8½, 9, 9	31	
10	48	16½	3, 3, 3, 4, 5½, 7, 7, 7½, 8	35	
10	52	16½	3, 3, 3, 4, 5½, 7, 8½, 9, 9	35	
11	55	16½	3, 3, 3, 3, 4, 5½, 7, 8½, 9, 9	38	

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Start your farm on a Scientific basis. Fence your fields with PAGE FENCE. Get "life-time" service—at the price of ordinary "2 or 3 year" fence. PAGE FENCE (Direct)—at our low prices—is the HIGHEST QUALITY Fence at the LOWEST Cost. When you buy other fence—you GIVE MORE or GET LESS.

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A CREAM SEPARATOR IS USED twice a day, 730 times a year, and if it wastes a little cream every time you use it it's a "cream thief," and an expensive machine even if you got it as a gift.

BUT IF IT SKIMS CLEAN TO THE one or two hundredths of one per cent, as thousands and thousands of tests with a Babcock Tester show the De Laval does, then it's a cream saver, and the most profitable machine or implement on the farm—a real "saving bank" for its fortunate owner.

AS TO HOW MUCH CLEANER THE

De Laval skims than any other separator, the best evidence of this is the well-known fact that all other makes were discarded by the creamerymen years ago, and that to-day 98 per cent. of the cream separators used in creameries the world over are exclusively De Lavals.

THEN THE DE LAVAL IS SO much better designed and so much more substantially built and runs at so much lower speed than other separators that its average life is from 15 to 20 years, as compared with an average life of from 2 to 5 years for other machines.

THERE ARE OTHER ADVANTAGES as well, such as easier turning, easier washing, less cost for repairs, and the better quality of De Laval cream, which, when considered in connection with its cleaner skimming and greater durability, make the De Laval the best as well as the most economical cream separator.

REMEMBER, THAT IF YOU WANT a De Laval right now there is no reason why you should let its first cost stand in the way, because it may be purchased on such liberal terms that it will actually pay for itself out of its own savings.

A De Laval catalog to be had for the asking tells more fully why the De Laval is a "savings bank" cream separator, or the local De Laval agent will be glad to explain the many points of De Laval superiority. If you don't know the nearest local agent simply write the nearest De Laval main office as below.

## DeLaval Dairy Supply Co., Limited

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