

THE REVIEW.

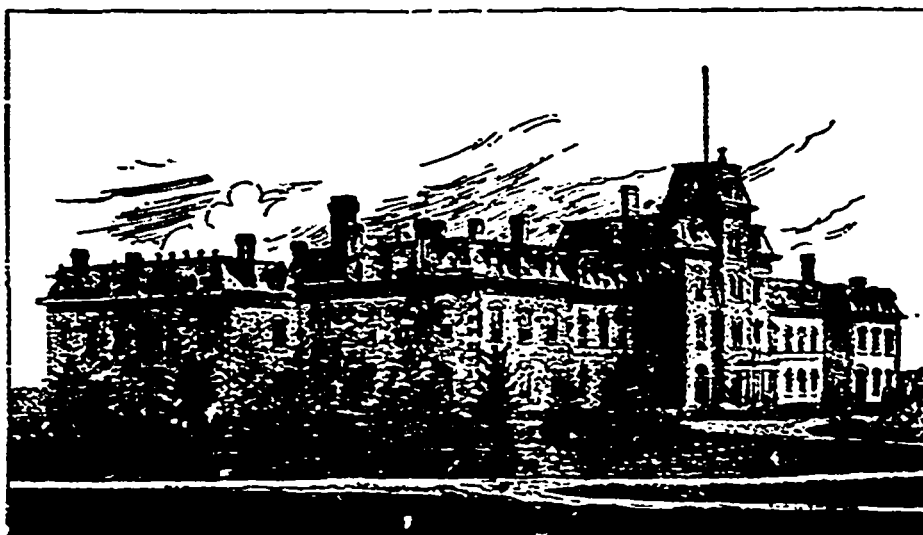
Vol. VI

ONTARIO AGRICULTURAL COLLEGE, GUELPH, OCTOBER, 1894.

No. 1.

Guelph's PALACE DRY GOODS —AND— CLOTHINGSTORE

Cordially invites all its friends at the
O. A. C.



Our rest Services are at your command. The remodeling and enlarging of our Store and the fitting up of one entire floor for the CLOTHING AND GENTS' FURNISHING trade, places us in the very front of the Clothing Trade, with no one in a position to serve you better.

ORDERED CLOTHING. The factors that produce first-class Clothing are; 1. First-class material; 2. First-class Cutter; 3. First-class workers. Added to these the fact of the moderation of our charges, we possess in a foremost degree all the requisites for your comfort and satisfaction. Come and see.

READY TO WEAR CLOTHING.—All of our own make and wear guaranteed.

WATERPROOF CLOTHING in best and most reliable makes at low prices.

FURNISHINGS.—Elegant styles in Hats, showing always the newest and best

SHIRTS, NIGHT SHIRTS, COLLARS, CUFFS, TIES, Scarfs, Braces, at regular staple retail prices.

UNDERCLOTHING, GLOVES AND HOSIERY are especially cared for, and you will find the very best and cheapest goods at our counters.

FUR GOODS. We buy direct from the makers, and supply value and quality of first-class merit.

UMBRELLAS.—Always good and cheap. There isn't anything in Gents' wear that you cannot buy from us with advantage to yourself.

As we do not sell on credit, but adhere to a strictly Cash Business, you are saved the extra charges usual to a credit business.

E. R. BOLLERT & CO.

25 & 27 Lower Wyndham St., GUELPH.

STEWART & CO.,

HATTERS AND SHIRT MAKERS.

—ALWAYS IN STOCK—

THE NEWEST STYLES OF HATS

Newest Neck Wear, Underwear, Shirts,
Collars, Braces and Gloves.

OUR PRICES THE LOWEST.

City Ticket Office.

GRAND TRUNK RAILWAY.

OPPOSITE CITY HALL, GUELPH, ONTARIO.

TICKETS both local and foreign, to all parts
in Canada and the United States. Buy your
tickets from me. You do me a favor and save
time yourself in checking your baggage at the
station.

Agency for the Cunard, Allan, Dominion
and American Steamship Co's.

G. A. ONNARD.

For HALLOWE'EN

Fine new Chestnuts, fresh roasted Peanuts,
Walnuts, Filberts and Almonds.

NEW FIGS.

Finest Eleno Layers 20c. per lb., new Natural
Figs 10c. per lb., 3 lbs. 25c., new Layer
Raisins 20c. per lb.

CANDIES

SARONETTES are the newest thing in Candies.
I have them in six different flavors. Fresh
Cream Candy 20c. per lb. Excellent Chocolate
Drops 20c. per lb.

O. A. C. CHOCOLATE DROPS

25 CENTS PER LB.

New Florida Lemons, finest in the market.
New Florida Oranges, just arriving.
Grapes, Apples, Pears, and all other kinds of
foreign and domestic fruits.

JOHN GRIFFITHS,

WEST MARKET SQUARE.

YOU

MAY require a Hair Brush,
Tooth Brush, Shaving Brush,
Clothes Brush, Nail Brush,

Comb or other Toilet Requisite. In all of
these lines we carry the largest and best stock
in the city.

THREE SPECIALTIES.

Razors, Fine Perfumes and the Dispens-
ing of Prescriptions.

A NECESSITY.

Stewart's Antiseptic Dentifrice for your teeth.

Your Patronage Respectfully Solicited.

Alexander Stewart,

Dispensing Chemist. Front of Post Office.



ONTARIO



Agricultural College

FULL COURSE OF LECTURES ON

**Agriculture, - Dairying, - Live - Stock,
Veterinary Science.**

And Other Subjects Required by Farmers.

For Circulars giving full particulars as to terms of admission, course of study, costs, &c., apply to

**JAMES MILLS, M. A.,
PRESIDENT.**

The O. A. C. Review.

The Dignity of a Calling is Its Utility.

Vol. VI.

ONTARIO AGRICULTURAL COLLEGE, GUELPH, OCTOBER, 1894.

No. 1.

Salutatory.

WITH this issue, the Review again makes its appearance at the commencement of a new college year. Another mile stone in our course has been reached, and as we pass, let us pause while we take a hasty glance upon the path we have so lately trod. Classroom friendships are broken; residence ties are severed; room-mates are parted; only the luscious fruit of the rhubarb tree is left to remind us of the "good old days." And now as we stand upon the threshold of a new year, with its opportunities, its increasing responsibilities, and its ever widening possibilities, let us resolve to avail ourselves of all that tend to fit us for the active duties of life, and "onward," ever be our aim.

* * *

To the students just entering upon their course, we should like to give some words of advice. Beginnings are important. In performing any work upon the farm, we all know to begin well is to accomplish much, and to begin ill is to accomplish little. For any work incorrectly begun is almost sure to end in disaster; energy wasted; temper spoiled.

"Lives of great men oft remind us,
We can make our lives sublime."

And if we may be permitted to add that lives of those who have failed should remind us that we can make our lives like theirs, how important it is then that we begin aright? To the new students, therefore, we would say begin aright. Take full advantage of the various organizations about the College. The Y. M. C. A., the Literary and the Athletics. An advantage taken of all these will produce in you that all-round development envied by all. Exercise any one of these to the neglect of the others and you produce a one-sidedness undesirable in any one.

* * *

Whilst making a few suggestions to the junior year in particular and to all the students in general, it would be quite out of place for us to overlook the matter of supporting our College paper. As you are all aware, the Review is primarily a students' paper. It is con-
decided for the purpose of furnishing you with College news, and also for supplying a medium through which you may express your grievances, if you are so unfortunate as to have such. Fortunately, as far as we are aware, the Review has never been used for the latter purpose, and as it is very improbable that its columns will ever be required to perform such a task, we banish the thought from us. But should any of you feel a desire to use our pages for the purpose of bringing some subject before our readers, we shall only be too happy

to accommodate you. Heretofore such writing has been very meagre indeed; not because of a lack of subjects upon which to write, nor yet of writers capable of doing themselves and the institution honor, but from an indifference arising from mere thoughtlessness, which we hope this gentle hint will help to remove. We shall make the invitation to contribute more emphatic. We cordially invite contributions upon subjects of interest to our readers. Or, if you do not feel like writing such articles as suggested above, we ask you to contribute items of personal experience that may prove useful in our chosen calling.

* * *

Another object of this paper is to serve as a link between ex-students and their Alma Mater. Many a time while you were at a distance, perhaps beyond the sea, your heart was gladdened at the sight of the College paper. Its appearance carried you in memory back to the days when you, perhaps, were busily engaged upon an article intended to grace its pages. And as you sit in reverie, listlessly turning the leaves you begin to wonder how the College gets along without you. You scan the Editorial columns with disgust and pass along to the Agricultural department. Here you are disappointed to find nothing new. You read the "Locals," and save a few items on local improvements, they prove to be unintelligible. You are about to fling the paper away from you when your eye catches a familiar name; you read the paragraph; it recalls an almost forgotten face, and in the ecstasy of the moment you decide to become a paid subscriber. But when you remit, do not forget to enclose a "Personal," that you may let others know of your work. And whilst doing unto others as you would have others do unto you, remember there is a third party to share in the product of your good will.

* * *

This issue comes to our readers in a very imperfect manner indeed. Owing to the fact that the reorganization of the "staff" was neglected until late in the month, our contributors have not had time to give us articles that "seriously consider" which their subjects demand. Consequently many errors have crept in which would have been avoided were their articles the result of more mature judgment. Our staff, this year, is composed largely of men who are strangers to journalistic enterprise. To many of us this issue of the Review is of special interest, as for the first time in our lives we are permitted to read our compositions in printed form: anxiously we await its appearing and with misgivings we hail its approach. We believe, however, that we have a mission to perform, and trusting that we may have the aid of all those interested in us, we assume the responsibilities of our office.

*See upper left hand corner of Page 4.

AGRICULTURAL.

College and Farm.

IF Ontario has seven wonders, the Agricultural College is certainly one of them; that is if we by wonders mean that which excites wonder and criticism in the minds of the people; for surely no other institution in Canada has created so much wonder, and stood so much unjust criticism at the hands of those in whose interest it is conducted, than has the Agricultural College.

It will be interesting to look at the reason the Government had in the establishment of such an institution.

After the reciprocity treaty had been brought to a close, the reaction, natural after a period of prosperity such as Canada had enjoyed, set in. Farmers became despondent, and thought that agriculture had received its death blow. Raising grain had to a large extent occupied their attention, and now shut off from trading with their neighbors across the line, and with but poor facilities for shipping to the markets of Europe, and with a limited market at home, they were as they seemed, in a precarious condition. But out of the chaos grew a better order of things; fast communication was established between Canada and Europe, opening up a better market for Canadian produce.

Ontario soon found that she would have to compete in the English market with countries of an established reputation; countries that had monopolized the markets for nearly a century on account of the superiority of their exports. Russia controlled the grain, and Holland and Denmark the cheese and butter market. It was evident that the farmers of Ontario with their grain-impooverished farms, could not long compete with the fertile deltas of Russia; and, with their inexperience in dairying, against the experts of Holland and Denmark.

The people of Ontario saw that the all important thing wanting was knowledge; a better understanding of their business; an insight into the laws governing the principles of agriculture. This was felt to be a national need, because all other industries depended for success upon the prosperity of the farmer. Out of this state of things grew the present system of agricultural education. Several of the prominent newspapers took up the subject and discussed "scientific farming," and "improved methods of butter and cheese making." This had little effect owing to the fact that the men employed as Agricultural Editors knew less than the farmers about those subjects. Some lecturing was done by practical men, but without result; the old rut had been too long travelled to be left for the untried paths of book farming.

The course now could not be mistaken; it was evident that if a better order of things was to be established, the prejudices of the farmer must be overcome by instilling into the minds of the young men a thorough knowledge of the sciences which underlie the business of agriculture. Consequently in 1874 a School of Agriculture with farm in connection was established by the Ontario Government.

It would be needless to outline in detail the struggle for existence of this institution during the early part of its career; but notice its greatest obstacles, its triumphs, and its value as an important educational institution.

Every inducement possible was held out to farmers' sons, but few came; the farmers who were so anxious for something to be done toward the bettering of their condition stood aloof; but this was not all, they not only criticised unjustly, but sneered at the whole system. Some laughed at the absurdity of improving the condition of agriculture by teaching such subjects as Botany, Chemistry and Entomology. Gradually this feeling wore away, as noxious weeds, fungi, and insect pests became more common. Alarmed by the loss of his crops, the farmer turned for help to the much-sneered-at School of Agriculture. This broke the ice and established the farmer and school on a more friendly basis. The gulf of prejudice and ignorance had been successfully bridged.

As the work of the College became better known the number of visitors increased; farmers came from all over the Province, prompted either from curiosity or a desire to learn. The farm now proved to be a great lesson; and those who came with right intentions carried away much valuable information on farm management. Even those who came to scoff, received hints which they afterwards put secretly into practice.

We have been dealing with this subject in a general manner, let us now look at it more specifically, glancing at some of the departments.

Of the branches of this institution, there are two which stand almost unequalled in importance to the farmers of this Province namely, the experimental and dairy departments.

About two years after the founding of this institution, active work began in the experimental department, by laying off and testing of a few plots of grain and roots, and by the selection and fattening of cattle under various conditions. These experiments increased in extent and importance as the College grew in years. Hundreds of varieties of grain have been imported, and after being tested, those best suited to the conditions of Ontario, distributed free to the farmers. It is to this source that thanks is due for the Joquette Black and Siberian Oats, which are so highly prized and extensively grown at the present time. This department has succeeded in winning the entire confidence of the farmers; they have, figuratively speaking, joined hands, and are now conducting a series of valuable co-operative experiments which for extent and accuracy cannot be surpassed in America.

Twenty years ago the dairy industry was insignificant when compared with its present tremendous proportions. There has been no mushroom growth connected with it, but a strong steady growth, the product of increasing skill in producing a superior article. This excellency has not been attained by the dairymen unaided, but by a proper system of instruction, in which the dairy department of this College has borne an important part. No pains were spared by the Government in helping to build up this great industry; the most improved methods of butter and cheese making were adopted, important experiments conducted, and their results made known by bulletins; competent men were selected to lecture on dairying throughout the Province; and the last and most important has been the establishment of a "Dairy School" where experts are employed not only to increase the efficiency of butter and cheese makers, but to instruct the farmers' sons and daughters in the science and practice of dairying. Although this school is just in its infancy, yet we pro-

phesy that it will bear a very important part in the further development of the dairy industry in Ontario.

It is not alone in conducting valuable experiments, or in helping to swell the export of cheese from a half to thirteen million dollars, nor is it alone in teaching the science of agriculture, but it has also made its mark on the social life of the country.

I am convinced that in no other institution in Canada are the various effects of College life so marked as here. Manners go a long way in making the man. A certain amount of polish is necessary to a man's success amongst his fellow men. Many a young farmer, bashful and awkward in manner, has gone from here an accomplished man, fitted to take a stand in society and to fill with honor any public position he may be called upon to occupy. There are many of these ex-students scattered throughout the Province, honorable and intelligent men, who have increased the dignity of their profession and placed it in its proper sphere, — the most honorable occupation that man can follow.

In looking back over twenty years of the life of this College and seeing the great work it has done, in spite of prejudice and criticism, we cannot help saying that the strength, yes, and the very life of an institution, depends much upon the quality of its work.

A. A. K.

Science in Agriculture.



We have at the present day many men who by long experience and close observation have become thoroughly practical men. They have noticed that certain results follow certain methods of operation, and guided by these observations, they have been fairly successful.

These men, however, are few; experience, though a good teacher, is a slow one, and it is only the old man that is the practical man when experience is the only teacher. To gain proficiency, therefore, in a minimum of time we must look to some other source. We must first obtain a scientific knowledge of the materials with which we work and thus get a ground work on which to base our experience. We need not in every case experiment with every cause to know what effect will follow, but with a proper comprehension of the cause we will know what effect will be produced, and will, moreover, understand the exact relation between the cause and the effect; otherwise, success in most cases would be purely accidental.

The word science is the great bugbear of the farmer of to-day. The man "from away back" shudders at it and shrinks from it, or if he be one of the wiser, all-knowing sort, it has the effect of stimulating the mischievous side of his nature. He laughs at it; none of your book farmin' for him. Scientists need not tell him that the chess of his wheat fields is a distinct independent plant. He knows that the chess plant springs from the wheat grain itself, for he has seen chess and wheat both on the same root. They need not tell him that the "black knot" of his plum trees is caused by a parasitic plant growth. He knows better than that. He has seen the insects that cause the mischief. Thus it is that the proposed remedies, based on a scientific knowledge of the trouble, are condemned as unworthy of trial. Or, if the farmer should be so foolish as to try the "new wrinkle," being

unacquainted with the conditions, he will probably make some mistake in the application and the results will be unsatisfactory. His knowledge of the exact conditions is necessary in every department of the farm work. Certain agents may be employed and give satisfactory results. The same agents are employed again and failure ensues. While a feeder may know by experience that by following a certain line of feeding, success is attained, yet not knowing the actual cause of his success he may by some slight change in his system of feeding entirely alter the circumstances and failure will result, simply from ignorance of the principles underlying his success. The same thing may be noticed in regard to feeding his crops. Suppose he has tried Nitrate of Soda as a fertilizer on his wheat crop. He has made the application at the proper time and all the conditions happen to be favorable. As a result he has an excellent crop and he decides that he will next year apply Nitrate of Soda to all his crops. Now he is going to make some mistake. He does not know the composition and characteristics of this fertilizer, nor does he know the composition and requirements of the variety of soils on his farm. He is therefore going to run into all sorts of errors in the application. He may apply very early in the spring, even before the grain is sown, and thus lose the entire amount by drainage; he may apply to a soil already rich in nitrogen as a humus soil or a sod land; he may feed to crops that can gather their own nitrogen from the air; or he may even sow it upon his bare fallow to enrich the soil for future crops, when the probabilities are that in two months time there will not be enough of it left on the soil to grow a single blade of grass.

He now sees that his investment has not paid him, and accordingly renounces the fertilizer as being no good. Thus it is a good thing, through ignorance of its proper use, has often been condemned and thrown aside; and so, neglecting the means of advancement the victim of his own stupidity will be left behind in the race, while the sensible man, the theoretical as well as practical man, the man that understands the cause as well as observes the effect, is sure to win.

Our recent achievements in dairying may be cited as a result of thoroughly scientific investigations. The industry and enterprise of our forefathers succeeded in making their work fairly remunerative, but it was not until dairying began to be studied scientifically and practiced accordingly, that we were able to make such a rapid ascent towards our present altitude of success. The discovery of the truths underlying the secretion of milk and the knowledge of the composition of the same led to improvements in the methods of feeding and general management of dairy stock. The various inventions for testing milk, which have defied the ingenuity of the would-be dishonest dealer in that article, have also assisted the dairyman in weeding out the inferior animals of his herd. The cream separator has also wrought miracles in facilitating production, and every day we are reaping something new from the field of science.

Nor is it essential to success that we should all become learned scientists. We need not make all the researches ourselves. We may all profit by the investigations made by others, and if we can give up our prejudices and scepticisms and make ourselves believe that we do not know quite everything we will then be in a position to learn, and at this age, when the facilities for the distribution of knowledge are so great, no man need remain in ignorance of at least those scientific truths which pertain to his own profession.

J. W. W.

THE O. A. C. REVIEW

PUBLISHED MONTHLY DURING THE COLLEGE YEAR BY THE LITERARY
SOCIETY OF THE ONTARIO AGRICULTURAL COLLEGE,
GUELPH.

EDITORS:

W. A. KENNEDY, Managing.
E. F. WHITE, Assistant Managing.
A. A. KING, } Agricultural. T. F. PATERSON, } Local
J. W. WIDDIFIELD, } Personal. L. W. LANG, }
E. J. M. EDELSTEIN, } J. F. CLARK, Exchange.
R. B. MACONACHE, Athletic.

BUSINESS MANAGERS:

W. G. CAMPBELL, Sec.-Treas., J. D. McPHAIL, A. KIPP.

SUBSCRIPTION RATES:

Annual Subscription, 75 cents; \$1 if not paid before 1st February.
Single copies, 10 cents.

Advertising rates on application.

Ex-Students are requested to contribute to our columns.

OCTOBER, 1894.

Y. M. C. A.

THE Y. M. C. A. extends a hearty welcome to both old and new students, who, by the providence of God, are permitted to enter upon another College year. We, the older students, are happy to greet each other again; to renew our old acquaintance, and to enjoy another year's study together and the sports on the lawn.

We feel truly thankful to our God for His Providence and tender care over us since we parted last June. Some of us, at that time, did not expect to enjoy the privilege now. We feel, therefore, to rejoice, and we may rightly exclaim with the Psalmist, "He loveth righteousness and judgment: the earth is full of the goodness of the Lord."—Ps. 33: 5.

To each and every new student, whose privilege it has been to enter our College circle, we extend to you a hearty welcome. We solicit your good-will, give us your hand, and make yourself at home with us, whether in the halls, on the Campus, or wherever we chance to meet, let us feel a warm brotherly relationship. But, above all else, we ask you to join us in our religious duties, that is, our duties to our Maker, our God and Saviour. We ask you in the name of Him, whose name is Love, to throw in your lot with the Y. M. C. A. boys; and be one of that great throng that shall sweep through the gates of the "New Jerusalem," washed in the blood of the "Lamb." "Come thou with us and we will do thee good."

Our motto is "Onward" and "Upward." Onward to conquer

and to victory. Upward to the shining parts of glory. We believe in being men, not beasts. We look to Jesus Christ for our example. We believe, "the true man to be on his knees before God and upright before men." Come with us, because we want you; come with us, because the Society wants you; come with us, because it is right; come with us, because it is your duty to God; come with us, because Jesus, the Lamb of God, shed his blood for you.

At the beginning of the "College year," we find ourselves facing many responsibilities, both great and small. Viewing our circumstances and duties confronting us at this time, we feel our weakness and inability to perform these pressing duties. Little as they may seem in the eyes of the world, yet, when we consider their importance in relation to immortal souls, we cannot comprehend their meaning. They are only little things, but, those little things, neglected, may come in as a flood at that most important moment, when we stand in the midst of the dark vale.

Viewing the battle-field for the coming year we are led to exclaim:

"Soldiers of Christ arise,
And put your armor on."

"Quit you like men, be strong;" because our temptations are many, and our paths are slippery. Therefore, our advice is, "Ponder well the path of thy feet, and "keep thine eyes straight before thee."

Our possibilities are great this year; let our ambitions be equally great, that we may go forward and reap the harvest. The white harvest fields demands our most earnest efforts. Those golden sheaves, placed here within our reach, are ours to garner in. Our field is the College, let that be the first field in which to labor.

Let our object this year be, first, a deeper work of grace in our own hearts, by more prayer, and closer communication with Christ, that he may use us to His own Glory. And, second, that we endeavor to do more to help others by "Personal Work." This can only be accomplished by more Bible study and prayer, therefore, let us be earnest in the Bible lesson on Sunday afternoons, at 6 o'clock. We have now a definite course of study, namely, "The Acts of the Apostles." Last Sunday was our first lesson, Acts first chapter. We purpose taking a chapter each Sabbath, and connecting the thoughts through as much as possible. We trust this method will be interesting and instructive. We would like to see every student feel it his duty to be there at the appointed time, and answer to his name at the class roll call.

Our second object is to raise the standard of "Christian Excellence." Why should not we live on a higher plane of "Christian Perfection?" But, how shall we get there? is the question. There is but one way into the fold, and it is by loving obedience to the Master's commands.

We have our regular "Thursday night Prayer Meetings," at 9:30 o'clock, where we can go and help each other and ourselves. Our meetings have been very well attended this month. We are hardly in working order yet, but things will adjust themselves shortly if we put forth the proper effort.

The College Y. M. C. A.'s of the United States and Canada, are looking forward to, and praying for, greater success this year than ever before, shall we not help swell the ranks?

Local Department.

ON assuming the control of the local department of the O. A. C. REVIEW, we feel that considerable responsibility rests upon us owing to the fact that two classes of readers are to be pleased, and, if possible, interested. First, there are those who are not living in this vicinity, and consequently will be more interested in the local items pertaining to the institution. This class is largely composed of ex-students, and we feel that we should endeavor to interest them on that account.

The second class of readers is mainly composed of the students of the College. This class of readers naturally takes more interest in what we may term personalities. The local items pertaining to the institution cannot interest them owing to their being in the immediate vicinity.

The course which we intend to pursue in managing this department, will be a combination of both. Such items as will be of interest to outside readers and ex-students will be written, and such jokes and personalities as will find favor among the College students.

••

The following passage occurs in Julius Caesar:

Cæsar—"Let me have men about me that are fat, sleek-headed men, and such as sleep o' nights."

McPhail (who was memorizing with more than usual earnestness)—"Let me have men about me that are fat, sleek-headed men, and such as sleep out at nights."

••

We notice that it takes considerable time for the first year men to become acquainted with the location of the different fellows' rooms. We heard a crowd of first year men the other day trying to settle where Morgan roomed.

••

First Year Man (who was standing sideways in the door of another fellow's room)—"A fellow cannot look sideways around here without getting fined half a dollar."

Professor—"What are you doing out of your room?"

First Year Man—"I came in to see what time it was."

Professor—"Go to your room and stay there. I will put you down for fifty cents."

The first year man walked slowly and meekly away, disgusted with himself and Professor alike.

••

The students of Veterinary Science are making rapid progress in the discovery of new scientific facts. Taylor is authority for the theory that a horse's temperature varies from 40 to 80 degrees. Wait for further discoveries.

••

The new henery, which was commenced last spring, is fast nearing completion. Judging from external appearance, we would be inclined to think that every facility for carrying on this branch of agriculture is being kept in view. No doubt the buildings are being constructed according to modern ideas, and will, no doubt, add to the interest which many farmers have of the institution. We understand

that some poultry has been bought, and Mr. Jarvis, a competent man in the business, has been appointed to superintend this department of the farm.

••

John Squirrel's gong tolled the knell of parting day,
The freshmen to their rooms then hied away;
The Sophomores that dwell within the tower,
'Tis said made wild the night, until late hours.

The shouts, they say, most barbarous were to hear,
The College shook, officials quaked with fear,
Then said, "What do they plot but deep dark deeds,
The screws we'll tighten; clean them out if needs."

But when the morning's dawn was ushered in,
And radiant sunshine filled the tower within,
'Twas found on looking round for mischief done
The Sophomores had only had some fun.

For well 'twas known that on the coming day,
That son to other rooms would move away;
It was thought meet before they took their leave,
That all should gather round and sadly grieve.

But sad to state, we oft in this world, see
Small ant hills, mountains often made to be;
Bridges which seem to terrify and fright
Are often crossed before they come in sight.

••

The farm, under the direction of our worthy superintendent, Mr. Rennie, is at present undergoing some important improvements, which, no doubt, will enhance its value and improve its appearance. The old board fence, running along the west side of the farm, becoming dilapidated, and out of date, is being replaced by a substantial wire fence; the stones and rubbish of all kinds are being removed from the old fence bottom—by the way Mr. Rennie is a terror to rubbish of all kinds, thistles, weeds &c.—and, when all is completed, a view from the west boundary will be a pleasing one.

••

ACT I.

Scene 1. O. A. C. Third Year class room.

Enter—King, Widdifield, Christian, Rowe, Lailey, Kidd, Doherty, Robertson, Kennedy, White and Wiarcko.

Professor—Is it ever right to pervert the truth that good may come of it?"

Majority of class in chorus—No, Sir; no.

King—Yes, Sir.

Prof.—Explain when, Mr. King.

King—When a young man compliments a lady. (Laughter).

Prof.—We shall leave that with Mr. King.

(Curtain drops).

••

We are pleased to notice a great improvement in the appearance of the experimental part of the farm, under the control of Mr. Zavitz. During the summer a portion of land has been broken up and cleared and will be ready for experimental purposes in a short time. To please the eye and relieve the monotony of its appearance, groves of

evergreens have been planted in different places. Mr. Zavitz is a man who keeps pace with the times, and, evidently, has an eye for beauty.

Chadsey—"Well, McCallan, what do you think of these room changes, anyway?"

McCallan (who is feeling very serious and anxious about his room)—"I think it is justice, but it is not tempered with mercy."

Great excitement prevailed among the students the other day, when Whetter was missing. Upon investigation, it was found that he had been led away by five of the fairest maidens of Guelph. Their motive can only be assigned to the fact that "they had an eye for the beautiful." A searching party was at once organized, but before a definite plan could be agreed upon, Whetter turned up, quite pleased with his unusual adventure.

"Alas! two fond, two deep, is woman's love;

She casts on troubled seas the treasures of her soul."

Prof. in Dairying to First Year men—"Be sure and not fill milk pails too full, for they will run over." A surprised look overspread the freshmen's face.

And still they gazed and still the wonder grew,
That one small head could carry all he knew.

Prof. (lecturing to the Second Year)—"Horticulture, gentlemen, is of antique origin. Adam and Eve, in the garden of Eden, cultivated all fruits and flowers good for food."

How delightful it must have been to be able to enjoy a diet of fragrant flowers,—but possibly our worthy Professor referred to cauliflower.

Our worthy Superintendent is at present giving some of the fresh men some practice in handling a team under difficulties. The first morning the freshmen were on the scene ready for action at 7 a. m., the bugle was sounded and all those who never before had held, pushed or drew the strings were asked to fall into line. The team being hitched to one of the farm wagons, volunteers were called to back it into an open shed with a 50 ft. open front. The first to ascend the chariot was our Dublin representative, amid the deafening applause and shouts of "A Ben Hur, A Ben Hur!" from the assembled freshmen. Grasping the reins somewhat delicately he gave utterance to some queer language, which old Fred did not hear or rather did not heed, for taking the job into his own hands, soon had the wagon backing at a 2.40 pace until it collided with some prop posts. After a few more trials which had the same end as the first, Ben Hur resigned his place to Gooch, a Wessela horse trainer from Toronto. He cut a wide swath as a driver; for holding the lines loosely in one hand and casting his eyes into space, the wagon through the vigorous exertions of old Fred and his mate, made a somewhat meandering circuit and was finally landed in the desired place. With a dignified air he descended to terra firma amid the tremendous applause of the gazing spectators. But space forbids us relating the the experience of others, and the reader is asked to look forward to the next issue for a further description.

Athletics.



THE distribution of prizes to the winners at the O. A. C. Annual Athletic Sports took place on 20th of June in the gymnasium. Mrs. Mills very kindly consented to give away the prizes. The stage of the Hall was tastefully decorated with plants, etc., and did great credit to those who arranged it.

Dr. Mills, in his official capacity of Honorary President of the Athletic Association, opened the proceedings by a well appreciated speech, expressing his pleasure at being able to preside that night, and also his regret at not being present at the games. He congratulated the students on the success that had attended their games, and referring to our sports, such as football and cricket, observed that he was quite aware the little time we had for practice placed us at a disadvantage when playing against other clubs, and held out the hope that in future this might be remedied. The President also laid stress on the fact that the subject of sports was causing much thought among College authorities throughout the world; that sports were certainly essential, but to know how far these sports should interfere with study was a difficult question. It would take too long to go into any further details of this opening address, but we think the few points touched upon will give our present First Year men and others some idea of its purport. The applause that greeted Dr. Mills as he ceased speaking was only eclipsed by the welcome shout that greeted Mrs. Mills as she stepped forward to distribute the prizes.

A vote of thanks to Mrs. Mills terminated an evening which had been marked by that hilarity and exuberance of sport which only athletes know. [Moral:—Ever keep in good training.]

We were pleased to note that many ladies and gentlemen from Guelph were among the audience.

|||

A meeting of the O. A. C. Athletic Association was held, Oct. 13th. The President being absent, it was moved, seconded and carried, that M. W. Doherty, past secretary take the chair.

The Secretary's report was read and adopted by the members. The Treasurer's report showed no funds on hand at present.

The following officers were then elected for the ensuing year:

Hon. President—Jas. Mills, M. A.

President—T. F. Paterson.

Vice-President—A. Kipp.

Sec. Treas.—G. A. Smith.

An Executive Committee was then chosen, consisting of the following five members—Edelsten, Rowe, Parker, Campbell and Doherty.

The meeting then adjourned to meet at the call of the officers.

|||

The football season has once again come round, and now that the usual difficulty of changing work-lists has been settled, it is to be hoped that the Captains will get their teams to turn out and practice regularly. With steady practice there is no reason why we should not have a strong team to put in the field against our old rivals,—Prestor and Hespeler. There are several of last year's players with us still, and the first year seems in no way wanting in the football element.

|||

The first football match of the year was played on Saturday.

Oct. 13, on our ground between the G. C. I. and a team captained by N. F. Wilson, when we suffered our first, and it is to be hoped our last, defeat of this year.

Wilson won the toss and elected to play against the wind the first half, and the ball was kicked off at 3.15. The G. C. I. forwards soon proved themselves superior to our forwards both in dribbling and passing, and after the ball had been hovering dangerously near our goal for some time, Petrie took a long shot and the ball striking one of the posts, eluded the hands of Whetter, and the G. C. I. scored their first goal. 1—0.

Our forwards, now getting down to work, played up a little better and the ball gradually approached our opponent's goal. We secured a corner kick which was well kicked by Brickwell, and one of our opponents headed the ball through for us, and the score stood 1—1.

Both teams now seemed to take a rest, and the game was very slow till half time was called.

When play commenced, the game became a little faster, the G. C. I. doing some good passing. After twenty minutes play the G. C. I. again broke through our back line and scored their second goal. Score, 2—1.

Our forwards played up much better now, and seemed to be having the best of things, when time was called. Our team had had no practice, which may in some way account for the want of passing and combination among our forwards, which was very noticeable throughout the game. The team must get down to practice before they play the return match, when we hope they will wipe out the defeat just suffered. Among the players, Petrie and Till, Wilson, N. F., and Brickwell played well for their respective sides, G. A. Smith acting as referee to everyone's satisfaction.

|||

A meeting of the Football Club was held, Oct. 6th. T. F. Paterson was voted to the chair.

Mr. Harrison and Mr. Putnam were re-elected as President and Secretary, respectively, while the following officers were elected:

Secretary—N. F. Wilson.

Captain of Football Team—D. J. Macpherson.

The committee for this year consists of F. A. Parker, G. A. Smith, W. G. Campbell,

|||

On Oct. 20th. a meeting was held of those interested in hockey to consider the advisability of making a rink for this winter. N. F. Wilson an enthusiastic hockey player, was voted to the chair. It was decided that a hockey rink should be begun at once, and the following were elected to act as a committee in making the necessary arrangements with the authorities.—N. F. Wilson, G. E. Chadsey, G. A. Smith, F. A. Parker and D. J. Macpherson.

The meeting was well attended and we hope hockey this winter will be as popular as it deserves to be. It is a splendid game, both to take part in and watch, being one of our fastest and most exciting games when played well. Most of last year's hockey players are back this year, and with a rink of our own to practice in, we ought to have a good team, able to hold its own in any foreign matches, that might be played on the hockey rink, now in course of construction, near the skating rink.

Personal.

We live in deeds, not years—in thoughts, not breaths;
In feelings, not in figures on a dial.

We should count time by heart-throbs. He most lives
Who thinks most, feels the noblest, acts the best.

—Phillip James Bailey.

Again it is our pleasant duty to record the various successes of those ex-students now employing their talents in the outer world. We desire to make this column interesting, it cannot fail to be instructive. Certain it is, that very few have leisure to write to all their former College friends: here as far as possible shall be given a synopsis of their doings. Many an unfamiliar name will also appear, but let First Year men and others remember, that their owners once trod the same "historic halls;" or, to be less poetic in the quotation line, "have been through the mill."

From all sides we have evidence that O. A. C. Graduates and Associates are leading in the van of agricultural progress. As our readers peruse the few facts culled from the correspondence before us, we feel sure that the spirit of emulation will possess them, and they will anticipate the time when they too shall take their part in the advancement of agriculture and the general good.

Very gratifying are the communications regarding Nelson Monteith, B. S. A., who graduated here in 1890, and doubtless has many a fond recollection of his College days. He is now an enterprising farmer, possessing a well-cultivated farm near Stratford: has successively held the positions of member of the Council, Deputy Reeve and Reeve of the township of Downie. In the latter capacity he still officiates. Mr. Monteith has the honor of being President of the North Perth Agricultural Society and is ever a conspicuous figure at Farmers' Institutes. We would draw the special attention of our readers to the last mentioned fact. Ex-Students attending such meetings as these is one way whereby the knowledge emanating from the College is scattered not only throughout Ontario but the whole Dominion. It is evident that Nelson Monteith, B. S. A., is doing good work in the prosperous township of Downie. We wish him continued success.

E. G. McCallum, Associate of '87, is now engaged in mixed farming in Glengarry County, near Mortintown. This year at the County Fair he was very successful in his exhibit of Clydesdales and Shropshires, showing animals of exceptional merit. Although it is some time since he left the O. A. C., Mr. McCallum still cherishes tender memories of the years he spent here, and watches with interest the working of the College and Farm,

Prof. Dean will surely be pleased to know that many of our former students are ardently following the business of dairying. Here are a few instances.

J. Wheatley, of Blackwell, Lambton, Ont., last year's Gol Medallist, is on a practical dairy farm near Woodstock.

A. E. Simpson, '94, of Hamilton, Prince Edward Island, has started a dairy farm on that Island.

W. D. McCrimmon, '93, has this summer been working in the Glen Roy Creamery, which is built on his father's farm. He informs

us that they have been very successful in their displays of butter at the Fall Fairs and Industrial Exhibitions. We know that Mr. McCrimmon has that valuable quality, energy, and it is evident that he is expending it in a useful manner. He has our sincere congratulations and good wishes for the future.

It may interest some to know that Mr. McKay, of Prince Albert, Saskatchewan, N. W. T., ("Billy" McKay's father), has offered a bonus to those who shall run the first creamery in that section of the Dominion. Men of such public spirit deserve our respect. -- would there were more such. Mr. W. E. McKay since his departure from College last June has been having a busy time on his father's place. They have a large acreage of grazing land, and this year had 750 acres of grain crop, which I have lately been informed they harvested in one month. During the early part of the summer, Mr. McKay, senior, was much away from the farm attending to his duties as member of the Legislative Assembly, leaving much responsibility on Billy's shoulders. We had the pleasure of visiting him this summer and from our experience can assure others who may do likewise, that they will receive a hearty and cordial welcome. At some future time, if space permit, we will place before our readers a few items regarding that far land.

Harvard, who achieved fame last year as the College Auctioneer, is now hard at work farming near St. Catharines. Upon whom shall the mantle of this great man fall? Now ambitious First Year men, "don't all speak at once."

Oct. 23rd, 1894.

E. J. N. E.

Literary Society.



THE first regular meeting of this Society was held in the gymnasium on Friday evening Oct. 12th. The attendance was quite up to expectations, and all through the meeting an interest was shown which augurs well for the success of the Society during the coming season.

After the usual routine of business had been gone through with, Prof. Day was called to the platform. The Prof. delivered his remarks in his usual felicitous style. He urged the members of the Society to avail themselves of every opportunity to improve their oratorical powers. Something is expected of everyone who takes a course here, and when you go home you will be asked to take part in many things which will task your powers to the utmost. If the members will follow the advice that our worthy Prof. gave them they will have no reason to regret the many little annoyances which beset those who appear in public without experience.

Owing to the fact that the program was gotten up in great haste, the remainder of the evening was not up to the standard. The extempore debate: "Resolved, that Dairying is more profitable than Fruit Farming," proved to be interesting and at times amusing. King and Peterson contributed to the literary part of the program, while Rob- in rendered valuable service in the musical.

S. M. L.

Sec. Literary Society.

Exchanges and Notes from the College World.

Greetings, exchange friends.

—o—

Any life that is worth living must be a struggle, a swimming not with, but against the stream.— Ex.

—o—

Chicago University is the only institution of its grade in the United States that has no College colors.— Ex.

—o—

Eton College has been celebrating its four hundred and fifty second anniversary. The buildings were erected in 1440 and are good for another 100 years.— Ex.

—o—

The University of Michigan is the first to enroll Chinese women among her students.— Ex.

—o—

Chicago University has discarded the name of "Prof." The members of the Faculty are addressed as "Mr." They have one "Mr." for every six students.— Ex.

—o—

The San Francisco public schools have received a gift of \$500,000 from Phillip Armour, of Chicago, for the establishment of a manual training school in which to teach the trades to boys.— S. U. I. Q.

—o—

The faculty of Colorado College have taken an advance step. They will hereafter give credit for work on the College papers. The credit depends on the quality of work done. *Cadet.*

—o—

The value of public school property in the U. S. at the present time is estimated to be \$100,000,000, and of all the property used for educational purposes \$200,000,000. Ex.

—o—

Julius Caesar was a Roman citizen. He wasn't much a L. C., but he grew up with the country, and after a while he headed the conventions and got elected boss. One Fourth of July or something, Caesar went up to the Capitol to see about a bill. A man met him on the steps and told him to beware of the ides of March. Caesar laughed "Ha, ha," and told the man to depress the front of his waist coat, and went on into the big pant. Some time afterwards L. came out again and adjourned to the S. P. Q. R. Saloon, where a lot of Roman Senators, members and office-seekers were leaning up against the counter. Caesar offered to pay for the drinks, but nobody accepted his invitation, and he dropped on the fact that there was blood on the moon. Then somebody said something about his not having paid his ferrage when he crossed the Rubicon, and butcher-knives began flying through the atmosphere. Pretty soon Caesar saw Brutus, his next-door neighbor, coming at him with a stick, and that paralyzed him. "What has *et vos irrita*?" he exclaimed and laid right down, and in a few minutes the patrol wagon drove up to the door. Just the same, you bet, Caesar was no slouch. Vale, Jule! *Detest. Scholter.*

My Watch Stopped

Then take it to a good reliable Watchmaker and have it put in thorough order. No better place than

SAVAGE & CO'S,
GUELPH.

GUELPH'S STUDIO OF ART.

ESTABLISHED 1870.

MARSHALL & LYON,
PHOTOGRAPHERS.

Portraits of all kinds, sizes and styles.

SPECIAL PRICES TO STUDENTS.

Framing in all its branches.

25 WYNDHAM ST. GUELPH.

Shaw & Turner

MERCHANT
TAILORS,

GUELPH, ONT.
JAMES H. HUNTER,

Wholesale and Retail Tobacconist.

Special Prices in Imported and Domestic Cigars and Cigarettes by the Box.

UPPER WYNDHAM ST. Opposite P. O.

To BEE Keepers

Send for our Circular and Price List of Bee Keepers Supplies, also copy Canadian Bee Journal.

To Horticulturists

Send for our Circular and Price List of "Ideal" Spraying Machines.

To Dairymen

and all interested in the cheapest method of Pumping Water. Send for description and prices of the Wind Mill.

Address

GOOLD, SHAPLEY & WUIR CO. (Ltd.)

BRANTFORD, ON

C. W. Parker, L. D. S.

DENTIST

Honor Graduate and Medalist.
Consultation Hours from 9 to 10 a. m. and from 4 to 5 p. m.

OFFICE OVER TRADERS BANK.
GUELPH.

YOUNG MAN

Life's too short to spend your time dipping ink. Get a

FOUNTAIN PEN

BUT

CAVES' DASHAWAY PEN

DAY'S BOOKSTORE has a splendid assortment to choose from, and every Pen is Guaranteed.

DAY'S BOOKSTORE.

DAY SELLS CHEAP.

Send for list of Agricultural Books.

CALL

AND SEE MY NEW WORK

AT THE **Elite Studio.**

CHAS. BURGESS,

Opposite McLEARN'S LEARNER'S SHOE STORE.

DR. STIRTON,

DENTIST.

Graduate of the University of Toronto and Royal College of Dental Surgeons.

FIRST CLASS WORK.
LITTLE PAIN.
LOWEST CHARGES.

SPECIAL RATES FOR STUDENTS

OFFICE: Torell's Block, opposite the Post Office, Guelph.

TELEPHONE 215.

ELITE SHAVING PARLOR

MACDONNELL ST. NEXT WYNDHAM HOTEL.

A week for an Hot Trazing Hair Dress, Shaving, Shampooing, etc. - 25c per Hour. A 15 min. Hair Dress. No more your money and the hair you so prize.

LAIRD & SUNLEY.

PICTURES. ~ FRAMES.

WATERS BROS.

FINE ART STORE.

ARTISTS MATERIALS OF ALL KINDS.

CITY BARBER SHOP.

Jas. A. Worthington, Prop

3 FIRST-CLASS BARBERS.

MASONIC BLOCK.

NOTED TEA STORE.

McBridery & McGree.

The place to buy your Oranges, Lemons, Choice Candies, Figs, Oysters, &c.
Full line of Glass Ware on hand.

Special Reduction to O. A. C. Students.

People's Studio.

ESTABLISHED 1860.

For first-class Photographs of all kinds, go to

BURGESS & SON,

21 Lower WYNDHAM STREET.

See our Large Groups.

BOOKS AND STATIONERY

A large stock of School Books, general literature and entertaining reading. Stationery of good quality at lowest price.

Bibles, Prayers, Hymns, &c., at specially low rates.

JOHN SMITEL.

26 WYNDHAM ST., GUELPH.

FOSTER & COGHLAN

DENTISTS,

OFFICE AND SURGERY:

Over Smith & Co's Drug Store

Mr. Foster's residence, "Sunset," Paisley St.,

GUELPH.

WHEN YOU WANT A HAIR CUT

GO TO W. H. FAIRLEY'S

NEXT TO SMITH'S DRUG STORE

MACDONNELL ST. GUELPH.

Razors Honed, Soaps and Cosmetics for sale.

First-Class Work Guaranteed.

WM. BUCKLE,

MADE BY

Choice Groceries, Fruit and Fish.

Order in Season.

BAKED of Flour, Eggs, and Lard - Fresh, Baked, Rich, Creamy, Fluffy and of the best quality.

ORDER AND STORE: QUEEN ST. STREET.

STUDENTS

You may rely on always getting the very latest styles in

FINE ORDERED CLOTHING

And the very newest lines in

Gents Furnishings

My Stock is Choice; my Prices are reasonable, and I guarantee perfect satisfaction to my customers.

R. E. NELSON,

75 Upper Wyndham St.

EVERY STUDENT
WANTS A GOOD
POCKET KNIFE AND A GOOD RAZOR

I have a large stock of these lines and guarantee them to be the best and the cheapest in the City.

I also have a full line of slavers supplies, such as:

- STROPS,
- SOAPS,
- COSMETIQUES,
- BRUSHES &c.

To allay the irritation of the face caused by shaving, use.

Petrie's Witch Hazel
And Almond Cream

Remember and go to

ALEX. B. PETRIE'S
Marble Drug Store,
UPPER WYNDHAM STREET.

BUY YOUR

SHOES

FROM

NEILL

THE SHOE MAN.

HE LEADS IN THE SHOE LINE

3 BIG STORES IN ONTARIO.

WATCH REPAIRING A SPECIALTY.

I give a personal and prompt attention to my Watch Repairing Department. I am bound to give satisfaction or money refunded.

W. A. CLARK,
JEWELLER.

75 Upper Wyndham St., Guelph.

P. DOBEREINER,

PHOTOGRAPHER

Portraits and groups in any size or style to suit customers at lowest prices.

GALLERY Over Smith's Drug Store.

JAMES OWENS,

ARTISTIC TAILOR.

ST. GEORGES SQUARE, GUELPH.
First-class Work Guaranteed.

Douglas Street Livery.

TELEPHONE 41.

First-class Horses and Vehicles on shortest notice. Students' wants promptly attended to.

ARCHIBALD McLEAN, Prop.

HAVE YOU TRIED

THE LEADING SHOE STORE?

THE BEST AND CHEAPEST PLACE IN THE CITY TO BUY

Hunts, Shoes, Rubbers and Overshoes

W. McLAREN & CO.

BUY YOUR

Hardware, Lamps and Cutlery

FROM **GEO. B. MORRIS**

AND :: SAVE :: MONEY.

THE GOLDEN FLEECE.



Keleher & Hendley,

ARE THE ONLY DIRECT IMPORTERS OF

Fine English Suitings in Guelph.

WE AIM FOR THE BEST TRADE ONLY.

MODEL MERCHANT TAILORS & GENTS FURNISHERS.

Discount to Students.

Boots and Shoes

CUSTOM AND FACTORY MAKE.

Good Variety. Prices Low.

For satisfactory Shoe Making we can't be beat.

REPAIRS FOR THE STUDENTS

Are always promptly attended to, while waiting if desired.

Would respect fully solicit your patronage.

W. C. GOETZ,

St. Georges Square, Guelph, Ont.

John Davidson's

FIRE. LIFE. ACCIDENT.

Insurance and Steamship Agency

ALL THE LEADING LINES

REPRESENTED.

Office -- MARKET SQUARE,

GUELPH.

...DO YOU WANT TO...

Save - Money

If you buy your Shirts, Collars, Cuffs, Under clothing, Socks, etc., at the

Parisian Steam Laundry Store,

ST. GEORGES SQUARE,

E. P. MOONEY, Manager.



PRINGLE,

THE JEWELLER.

I am particularly anxious for the custom of the O. A. C. Students, and gives his personal attention to all their repairs and wants in his line.

PRINGLE is also a GRADUATE OPTICIAN and tests the sight without charge.

Something New in Dentistry



R. CAMPBELL, Dentist. The Extraction of Teeth Without Pain a specialty. No extra charge. Office Over H. Walker & Son's grocery store, 47 Wyndham street. Residence 30 Quebec street.