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# THE O. A. C. REVIEW.

The Dignity of a Calling is its Utility.

VOL. I.

GUELPH, ONT., DECEMBER, 1889.

No. 2.

## THE O. A. C. REVIEW,

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

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### SUBSCRIPTION RATES.

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THE O. A. C. REVIEW will spare no endeavor to furnish reliable news and information to those interested in farming operations.

Ex-students will confer a great favor on the Editors of this Journal by sending news, particularly experiences of practical value.

## EDITORIAL.

We would not be in accord with other journals if we allowed 1889 to depart without saying a parting word. There was considerable doubt as to the success of the venture, but the many kind words which have been spoken of our first issue have encouraged us. We feel somewhat sorry that 1889 will no more accompany us, because persons are always attached to the time and place of first beginnings, whether of school days, college life or professional life. So, Old Year Adieu.

"Thirty-two States and Territories (including Ontario and the District of Columbia) were represented by 75 delegates at the Washington meeting of the Association of Agricultural Colleges and Experimental Stations, last month." So says a recent number of *The Cultivator and Country Gentleman*.

The idea is certainly a good one of thus bringing together the men of the different colleges and Experimental Stations to discuss means for the promotion of the welfare of such institutions. No doubt many of the vexing problems connected with their management will have much light thrown upon them. We are pleased to hear that Ontario was represented at this assembly, but who the representative was we have not learned. We should be pleased to

hear from him, who ever he is, and our columns will be open to him if he will favor us with a report of the meeting and what he learned there. We should be highly favored if the person would contribute an article on the foregoing subject and we feel that it would do the College much good. As an aid to the same end we would suggest that a deputation consisting of students, or professors, or both, be sent to visit a number of American Agricultural Colleges and inquiry be made as to their methods. Many useful hints might be gained in this way. Other Colleges may not have as long a vacation at Christmas as we, hence a portion of the holidays might be spent in this manner.

Vacation! What bright anticipations the word brings to the College student. After three months study what relief a short vacation brings to him. The mind is for the time unburdened of all care in regard to his books and undivided attention may be given to the development of the social qualities which are apt to be neglected by most college men. Dull books he flings away, possibly, to con them no more until after vacation. He and books are going to part company for a week at least. Perhaps they have not been on extra good terms since they made the acquaintance of each other and John Student may not be sorry to part company with his morose friend Solomon Books. However, it is evident that they will part and we would like to give a word of advice to our friend John, as to the manner of spending his vacation and the proper treatment of his friend Solomon.

John may be going home from College for his first vacation and to him more particularly will the following remarks apply:— Do not be anxious to show the "old folks" that you know considerably more now than when you left home three months ago; and that you know a great deal more than they do. Also, be careful not to draw too heavily on your imagination when reciting some of the stirring incidents of College life, as you may harm yourself and the College reputation. If asked to express your opinion upon any matter, do so with becoming modesty, but as to airing your views upon any and all occasions, we would give Punch's advice to persons about to marry, "Don't."

The Christmas vacation at the O. A. C. is a long one and during the manifold pleasures in which you may be engaged, you are apt to neglect your companion Solomon whom you promised, or ought to have promised, not to leave for more than a week or ten days. Do not forget him for too long a period, because absence does not make the heart grow fonder. It is better not to allow too much time to elapse between study as it will require extra exertion to wear off the rust which will accumulate owing to exposure to the inclement weather of a long vacation.

We call the attention of our readers to an article on "The Need of a Gymnasium at the O. A. C." by Capt. Clarke. No one knows better the great necessity for such a building here than does our

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worthy instructor, and it is not our intention to add materially to what he has said, but we shall point out a few ways in which it would be of great service, which he has not touched upon in his excellent article.

The ancients thought that gymnastic exercises would not only strengthen the body, but also would prevent disease. How far this is true we shall not pretend to say, but of this one thing we are certain, that a person with a strong physical frame can withstand disease much better than one with a weakly frame; and that a gymnasium will do much towards developing a healthy frame cannot be doubted. It would afford a place where students might knock off the excess of animal spirits and then the noises in the halls would not be heard so frequently. If we had such a place, those who wish to practice gymnastics might go there, where they would not disturb others who would rather study. Students would then carry home a better report of the College and more would be induced to attend. Only those who have attended a year or two know how trying it is to study after study hours. But who can wonder if young fellows full of life and energy should at times grow boisterous? At the commencement of each College year we have the warning given us, not to mar the halls, furniture, etc.; and we are also told that a hundred dollars or so have been expended in repairing and cleaning after the preceding year. A large part of this expenditure is due to the fact that no place is provided where students may make merry and hence they choose the halls and rooms as their resort for all physical exercises with the result that considerable damage is done each year. How many hundred dollars thus saved would be required to build a suitable place? A few years expenses for such repairs would soon pay the cost of the building. But the building might serve another purpose, viz.,—that of a Convocation Hall. There is no suitable room connected with the College for gatherings, and its need is sorely felt, as anyone knows who has been to the trouble of clearing out the dining hall and seating it for public meetings; besides, it is far too small.

We hope the authorities will consider the matter and that before the opening of another College year we shall see a suitable gymnasium erected in connection with the O. A. C.

I wandered into the reading room one day recently when all was quiet and still. It was such a day as tends to produce a meditative mood. Outside was slush and pelting rain. Inside no living object was present to mar the stillness. As I sauntered up to the side of the room where five daily papers are kept on file, I heard them speaking in a language which seemed rather unintelligible, but which was understood after a time. At first I was amazed that newspapers could talk, but there was no mistaking it. All had the push-ahead, business tone, which no doubt they learned from their respective editors. After listening intently I made out their complaint which was after this manner:—"The students read us for the news which we contain and for that only. They have no time to read the politics of the day. The greater part of our columns are not read at all. All the news may be obtained from two of us." But, I remonstrated do you not look for the subscription without any regard for the good which you accomplish? What will your managers say when they hear of you talking in this manner? In the same tones as before came the words, "we would rather see the money expended in other ways more profitable to the students." I turned away convinced that their suggestion was worth considering. As I passed around

to the right the *Herald* and *Mercury* beckoned me to pause a moment. They seemed to have a special grievance. In tones somewhat weakened after the withdrawal of the other three they said—"It is a great struggle we are having here as to who shall be at the top of the heap. Sometimes it is one and sometimes it is the other. Frequently we are removed before many have a chance to inspect us. If we cannot receive fair treatment and be useful we would rather not come at all." I passed on, reflecting that wisdom may proceed out of the mouth of babes.

As I neared the quarters of the great army of Agricultural Journals a babel of voices met my ears so that it was impossible to distinguish what any of them was saying. Each was putting his claims for a place in the liveliest manner possible. I bade them all keep silent except four, viz.,—*The Canadian Live Stock Journal* and *Farmer's Advocate* (which now lie peaceably side by side), *The Cultivator and Country Gentleman* and *The Maritime Agriculturist*—that chiefly because of its editor's association with the College and the fact that there are a number of Maritime students and associates. When the noise had ceased, the four stated their views in a very plain, straightforward manner, which were practically as follows: "There is too much skimming of our pages and not enough solid information taken from us. Fewer journals and have these read better are what we advise." Hearing a great bustling of leaves and a small piping voice that seemed to be nearly suffocated, I turned to give any assistance that might be required, but by this time it had extricated itself and the representative of the Dairy Department was endeavoring to claim my attention. I listened, and from its tones, knew that *Herald's Dairyman* was holding forth. In effect his arguments were—that he did not believe in having two or three other dairy journals on the top of him which caused him to be frequently overlooked. He believed that all the knowledge in regard to dairy matters, which is received from journals of his class, could be obtained by a careful study of his pages only. I thanked him for his suggestion and moved on.

The faint whisperings of the *Poultry Review*, and of the *Bee Journals* next claimed my attention. Their voices were very weak, hoarse and wheezy; they seemed unable to endure the cold climate of Guelph. "We never get mentioned by the Professors so the students do not think it necessary to ever look at us, thus we are passed by in silence." I sympathized with them knowing how bitter it is to receive a cold shoulder.

In among the cackling hens and the humming bees I found the *Scientific American*, but he was so engrossed in an important experiment in regard to a new method of photography that he only looked up to say: "Those who are inordinately fond of pictures, or those who are anxious to know how to convert a 3 ft. burner into a 4 ft., occasionally drop in to see me, but if it were not for the engineer I should not be interrupted very much in my experiments to elucidate scientific problems to my satisfaction." So Ho! That is your position, eh? I remarked and moved away. Other scientific papers complained of being skimmed over and all seemed agreed that less quantity and more careful reading of the few would be an improvement.

Ha! Ha! Ha! broke on my ears. "I have full swing except when the *Globe* tries to imitate me. Whenever the boys get the "blues" they always come round to see me." I thought my ears must have been misleading me this time; but no, there was *Grip* holding his sides and laughing as heartily as ever. I thought that truly *Grip* deserves a place in our reading room that he may help to drive away dull care.

I was about to leave the room when clerical tones beat upon the tympanum. "Brother, wait a minute will you?" I stopped and looking in the direction whence the sounds came, I saw, all united in brotherly affection,—*The Baptist*, still dripping with water; Knoxonian with his witty sayings ready to bubble out; *The Guardian*, with his troubles of College Confederation weighing him down until he almost groaned; and a host of others all with a more or less clerical look. The general complaint seemed to be that unless there was a fascinating story among their pages, not read very often, is stamped on the face of every issue as it is removed by the Librarian. Each paper has at least one student who peruses its columns and as these papers are all sent free by the publishers, the advice of less quantity and better quality (the quality being good) is not so applicable in this case. How a better appreciation for our friends can be developed is a work worthy the attention of a wise person.

Just as I was passing out of the door a voice which seemed to come from the gas jets said—"And where, I pray are all the magazines which contain the best literature of the day?" I retraced my steps to discern, if possible, where these were kept. After an unsuccessful search I gave it up. Can it be possible that students are supposed to be acquainted with the literature of the day, yet not one of the leading literary papers and magazines is to be found in their reading room? No wonder that they are almost dumfounded when asked to criticise the latest works in prose or poetry; or to "State what you know of Ignatius Donnelly." Surely there is some excuse for them. After hearing all sides I came to the conclusion that the literature in the O. A. C. reading room is rather *one-sided*; that there is too great a *quantity* of some kinds and a *lacking in quality*.

The weather outside had begun to clear; sounds which tokened the approach of students aroused me; the talking of the journals ceased; and now I know not whether I was in a day-dream or actually heard their voices.

### Farmers' Institutes to be Addressed by the College Staff.

President Mills will address institutes at the following places during January: Shelburne, Dufferin; Dundalk, South Grey; Flesherton, East Grey; Meaford, North Grey; Greenore, West Simcoe; Alliston, South Simcoe; Elmvale, Centre Simcoe; Aurora, North York; Markham, East York.

Prof. James at Drayton, North Wellington; Tara, North Bruce; Chesley, Centre Bruce; Formosa, South Bruce; Tecumseh, South Bruce; Wregeter, East Huron; Mt. Forest and Kenilworth, East Wellington; Goderich, West Huron; Hensall, South Huron; Ekora, Centre Wellington.

Prof. Shaw at Lucan and Parkhill, North Middlesex; London, East Middlesex; Alrington, East Lambton; Glencoe, West Middlesex; Botany, East Kent; Zone, East Kent; Windsor, North Essex; Amherstburg, South Essex; Tilbury Centre, West Kent; Chatham, West Kent.

Prof. Grenside at Freelon, North Wentworth; Drumbo, North Oxford; Innerkip, North Oxford; Mount Elgin, South Oxford; Shedden, West Elgin; Waterford, North Norfolk; Aylmer, East Elgin; Simcoe, South Norfolk; Selkirk, Haldimand; Marshville, Monck.

Prof. Robertson at St. George, North Brant; Brantford, South Brant; St. David's, Lincoln; Weston, West York; Preston, South Waterloo.

Prof. Panton at Picton, Prince Edward; Centreville, Addington; Inverary, Frontenac; Lansdowne, Leeds; Algonquin, Grenville; Iroquois, Dundas; Lancaster, Glengarry; South Finch, Stormont; Lanark, South Lanark; Carleton, South Lanark.

## Agricultural News.

The next annual meeting of the Ontario Agricultural and Experimental Union is to be held at the College on Thursday and Friday of the first week of February, 1899. An interesting and instructive programme is being arranged and results of experiments on agriculture, live stock, horticulture, dairying and bee-keeping as conducted during the present year, will be presented to the meeting.

The College herd of thoroughbred cattle is now nearly complete and consists of Shorthorns, one male and five females; Aberdeen Polls, two males and two females; Herefords, one male and one female; Galloways, one male and two females; Holsteins, one male and one female; Devons, one male; Ayrshires, one male and one female, and Jerseys, one male and four females. The best animal as yet purchased is the magnificent two-year old Shorthorn bull, bred at Bow Park. In pedigree, the top crosses are straight Booth upon a Waterloo foundation. This bull won the sweepstake's prize at Detroit in September, in a competition open to the world, beating the celebrated Collyne bull, Cup-bearer, and at present in the Bow Park herd.

### Agricultural Experiments in Canada.

One year previous to the first Agricultural Experiment Station in the United States, was established the Ontario Agricultural College at Guelph. It was not, however, until two years after the commencement of the College that actual work was performed in the Experimental Department, this being the year 1876. When the fifth year's work was being conducted at the above institution, there were still but four other agricultural stations upon the American continent.

In the year 1886, an Act of Parliament was passed by the Dominion Government making provision for the establishment of five experimental farms throughout Canada. The principal one to be situated at Ottawa, and to serve for both Ontario and Quebec. The other four to be located as follows:—One in the Maritime Provinces, one in Manitoba, one in the North West Territories, one in British Columbia.

The farms have been purchased, and a superintendent engaged for each. Experimental work was commenced on the Central Farm in the fall of 1886 and upon the others about two years later. No pains are being spared in making these experimental centres an honor to every true Canadian farmer. There is truly a great work before these institutions, and we wish for them every success in their noble undertakings.

The fourteenth year of work in the Experimental Department of the Ontario Agricultural College is about to close. Did space allow, a review of the many scientific and practical experiments and investigations, both in the field plots and with live stock, would be interesting and no doubt highly instructive. It must suffice, however, to give herein a very brief review of the development of the work from its commencement. In 1876 there were forty field plots; in 1885 one hundred and seventy, and in 1889

four hundred and sixty-four. In 1885 twenty three acres were devoted to experiments, and during the present year about fifty-eight acres have been used for similar work. The live stock tests which have been conducted since 1886 have much increased in both number and complexity; there being five distinct experiments going on at the present time.

In 1883 chemical analyses were commenced, and since the new laboratory has been erected and the conveniences greatly increased for this very important branch of the Station work, all the waters, milks, soils, fertilizers, roots, grains and plants, that time would allow, have been analysed.

When the Professor of Dairying was appointed, the dairy experiments were put under his direct supervision. The creamery was continued, a silo erected and numerous experiments with corn and dairy stock conducted.

Not only has there been a direct line of experimental work carried on at the College for the past fourteen years, but we are proud to say there is a noble work being performed over this Province by members of the Ontario Agricultural and Experimental Union, an association of O. A. C. ex-students, students, and professors. Grains and fertilizers with full instructions as to conducting the experiments have been sent out from the College for the past four years. In 1886, there were twelve members engaged in the work, in 1887, sixty, and in 1888 about one hundred, besides others, who were conducting experiments in horticulture and in bee-keeping. Results of the tests of 1889 are now being received at the College. From the increased enthusiasm by which members of the Union have taken hold of this work, and by the encouraging remarks received from Experiment Stations of the United States on the reports, we feel that the active part taken by the Experimental Department of the College for the advancement of this field of labor has been work accomplished in the right direction.

our College is, without having a gymnasium, and I think that the physical education of our young men deserves the greatest attention; but I am sorry to say that there are a great many people who are anxious to cultivate the mind at the expense of the body, but this is a great mistake. There are others who, by an absurd infatuation, look at their own constitution as a measure of those of their sons, and because they themselves in advanced life can support confinement and intense application with little injury to health, they conclude that their sons can do the same. The advantages of a sound body are incalculable for the individuals themselves, their friends, and their posterity. Body and mind ought to be cultivated in harmony, and neither of them at the expense of the other. Health should be the basis of early education, and the development of the body will assist the manifestations of the mind. Gymnastic exercises may be established for all ages and for all classes of society. It may, perhaps, be unnecessary to remark that hygiene and physical training are concurrent subjects, and that one is incomplete without the other; in fact the students who take an active interest in physical exercises will become alive to the importance of developing all the faculties of the body and mind to the highest standard, when they find that the subject of physical exercises covers a vast field, including much more than is generally understood by the term; that it means more than making the muscles hard and strong; more than depth of lung; more than capacity for endurance, that it is the adapting of the human body for all its possibilities, they will naturally and of their own accord turn their attention to hygiene, which will then become to them a living fact of vital importance. Heretofore the physical training at the College has been of very little use to the students owing to the absence of a gymnasium, and it is to be hoped that the Government will see its way clear this coming spring to erect a suitable building where the students can have a thorough course of physical training.

The building should be 150 x 50. The windows in the building should be placed as high as possible and as many as can be put in. There should also be one large window at one end of the building the other end being a dead wall. They should all work on pivots.

The building should be properly heated and ventilated, and should contain the undermentioned apparatus, viz.:-

Horizontal Bars, Parallel Bars, Trapeze, Flying Rings, Row of side Rings, Ropes and Ladders, Chest Machines, Rowing Machines, Vaulting Bars, Indian Clubs, Dumb Bells, Bar Bells, Single Sticks, Foils, Masks, Vaulting Horses. There should also be a large bath placed in the basement of the building with lockers all around for the students to place their gymnastic suits in. A building such as I have spoken of could be erected for about \$3,000.

W. CLARK,  
Drill Instructor O. A. C.

## Correspondence

## And Contributed.

### The Need of a Gymnasium at the O. A. C.

There is no one employed by the Government at the O. A. C. who knows the wants of a gymnasium for the use of the students more than I do. It is now nearly ten years since I commenced to give instructions in drill at the College and all that time I have had to put up with whatever place I could find amongst the farm buildings to give the students a little gymnastic work. I worked hard with the idea that a suitable building would be put up for the students, as promised by the different Ministers of Agriculture for the past nine years, and it was with that understanding that I stuck to my post and worked on, but yet no gymnasium; and if there is one thing needed more than another at the Ontario Agricultural College, that thing is a good gymnasium, where the young men could be properly trained in gymnastic work; and more especially is it needed at our College which is situated so far from the city, and where the students find it impossible to get down to the city for any amusement during the long winter evenings. I feel certain that there are very few institutions situated as

### Robert Murray Soule, B. S. A.

A deep long shadow fell upon the College when tidings came on the evening of December 9th, announcing the death of Robert Murray Soule, who took his degree of B. S. A. only a few months ago, as all the students of the second and third years will very well remember.

Mr. Soule was born in the County of Wentworth in 1865, and removed with his parents to the neighborhood of Niagara Falls in 1881. He entered the College in 1886, completed his course as

already intimated in the spring time of 1889, and was followed to his last resting place, on December 12th, by a vast concourse of people, who came to pay a most respectful and merited tribute to the memory of the youthful dead.

The brief interval since he received his degree was spent in the management of his father's farm, and the many improvements that he had already introduced were attracting the notice of the people of the neighborhood. But alas, on the very threshold of his life-work he was called away from it. The pillar of his parent's fondest earthly hopes was broken, for reasons that we may not fully know on this side the grave, and the deep well-spring of his large heart of human love became a cistern, shattered and dry.

A pathos almost inexpressibly touching clings to the last days of Mr. Soule. While on his death-bed he received letters from President Mills and Professor Shaw informing him that he had been chosen to accompany the latter in his lecturing tour among the farmers in the month of January, and he had in course of preparation a paper to be read at an Institute meeting already announced, to be held at Port Colborne on the 17th of December. It will interest the students to know that this paper was on the Ontario Agricultural College, and that although it exists only in the fragmentary form, it breathes a spirit of warm, true loyalty to this institution.

Mr. Soule was a general favorite at the College. Those who knew him most, knew best his worth. He had never learned hypocrisy or deceit, and his generosity was even larger than the manly breast from which it emanated. Unlike so many of to-day Mr. Soule was better than his words.

Why Robert Murray Soule should be laid in a new-dug grave on the banks of the Niagara when only twenty-four, is mysterious indeed. Why the silver medal which he proudly bore away from the College in his year should so soon be left in a mother's hand to feed her tender sorrow, is strange indeed. Why his youthful hopes should be made to wither in a moment as though with an untimely blast of spring-time, is a question that we cannot answer here. Why he should be scarcely permitted to enter the domain of earthy usefulness so bright with promise when just ready, baffles the wisdom of men. There are questions that can alone be answered by the Ruler of the Universe who doeth all things well. Mr. Soule's services were doubtless more wanted in heaven than on earth or the loving messenger would not so soon have borne him thither. The young life apparently so incomplete on earth will go on eternally toward completion in those realms where no hindrances stand in the way of completest development. And all his fellow-students who desire to profit by the lesson of his early death, will redouble their diligence in using aright the precious seed time of eternity.

THERE was a very good debate on Friday, Nov. 15, when Messrs. Brown and Esterbrook upheld that "The practical work at the O. A. C. should have a more prominent place than the theoretical." Messrs. Hadwen and R. E. Cowan took the negative side and after some good speaking, won. Mr. Perry gave a capital speech on his acquaintanceship with our sallow faced friends from the land of pig-tails, relating some interesting facts about John Chinaman. Our two rising vocalists, Messrs. Thomas and Worthington favored us with songs, and Mr. Faithfull contributed a reading.



PERSONAL.

H. R. Sweet, A. O. A. C. of '88, is farming near Selby, Ont.

F. Wettlaufer, Gold Medalist of '82, is a prosperous farmer near Tavistock, Ont.

A. E. Wark, A. O. A. C. of '84, is a very successful cheese manufacturer at Wanstead, Ont.

T. J. Horrocks, A. O. A. C. of '88, is travelling in the interests of a Toronto wholesale Patent Medicine Co.

C. R. Stevenson, A. O. A. C., of '88, in company with his brother, is conducting a fine farm at Fingal, Ont.

P. S. Idington, A. O. A. C. of '86, is managing a fine farm for his father at Stratford, Ont. He has under his charge a number of fine representatives of the Guernsey and Shorthorn breeds of cattle.

W. R. Bishop, A. O. A. C. of '88, is residing at his home near Brussels, Ont. He is an active member of the East Huron Farmers' Institute, at meetings of which he has read several excellent papers.

W. E. Serson, A. O. A. C. of '88, decided that single blessedness was a delusion, and accordingly, on the 20th ult., took to himself a wife in the person of Miss Vanluven. The staff extend them their best wishes for a happy voyage through life.

T. Raynor, B. S. A. of '89, has been delegated to address Farmers' Institutes, in the counties of Ontario, Durham, Victoria, and Peterborough, having associated with him Mr. John I. Hobson. Also, A. Lehmann, B. S. A. of '89, has been commissioned to do like work with Prof. Grenside, V. S., in the counties of Wentworth, Oxford, Elgin, Norfolk, and Haldimand.

We are always glad to hear of ex-students taking a prominent part in the deliberations of their fellow farmers, and were pleased to notice the name of F. W. Heacock, A. O. A. C. of '88, appearing on the list of speakers at the North York Farmers' Institute, to be held at Aurora, on Dec. 21st. His subject is "The care of Agricultural Implements."

W. J. Stover, A. O. A. C. of '82, and for a time member of the 3rd year Class of '89, writes us from Port Antonio, Jamaica, where he holds the position of instructor in Horticulture for the Boston Fruit Co. He speaks in glowing terms of the climate of the country and its productions. We hope ever long to receive an article "On Jamaica," from the pen of W. J., which would no doubt be appreciated by the readers of the Review.

J. G. Ross, A. O. A. C. of '81, sends us words of cheer. Upon his suggestion, some years ago, the Ontario Experimental and Agricultural Union considered the advisability of establishing a directory for the purpose of keeping a record of the whereabouts of ex-students. The suggestion, however, was not carried out; largely owing to the difficult nature of the undertaking. J. G. is now a member of the firm of P. S. Ross & Sons, chartered accountants, Montreal.

Local News.

WHAT'S the matter with Wills' pants?

MR. L. WOOLVERTON, M. A., was up on Dec. 3.

THERE is a Cox Sparrow in the College, also a Monk-ch?

THE Hon. Chas. Drury was up on Nov. 27th, and Dec. 9th.

THE Wellington County Council had a look round on the 6th.

"Is that another ink-bottle spilt? Oh, no. I see it is a snow-ball."

MR. C. A. ZAVITZ, B. S. A., led the Y. M. C. A. meeting on the 5th inst.

MR. F. J. SLEIGHTHOLM, A. O. A. C., visited the College on the 17th November.

INSTRUCTION in the correct Society laugh given freely by "British Columbia" and "Shapeless."

"Now, gentlemen, like all other dairy breeds the Berkshire is the best wool-producing animal."

THE merry jingle of the sleigh bells was heard once again on Nov. 25. Long may it continue.

A LADY on recently going through the cattle stables saw a calf and exclaimed, "What a *dear* little lamb!"

WE are glad to report that the live stock class room is cleaned occasionally, and that the 2nd year have now a subject.

THE voice of the cuckoo (clock) is no longer heard in the land except when a mischievous boy gently toots his ocarina.

QUESTIONS of the day:—

• Who stole the jam?

• Who curled Newcomen's hair?

THROUGH the kindness of the President a piano has been hired for a month; we sincerely trust we shall soon have one permanently.

Literature.—Student reading.—"He hath left you all his walks ..... on this side Tiber." President— "Which side is that?" Student—"The other."

THE city ministers are always ready to help on our Y. M. C. A. work, and thereby greatly assist us. The Rev. Dr. Wardrope was up to conduct the meeting on Nov. 25.

ONE of the great attractions of the Friday evening receptions next door is to hear Mr. Harrison's delightful recitation about the young ladies, which he delivers in a very touching manner.

THE old familiar hill still spreads its ample bosom for the rapid glide of toboggans. Great is the fun, especially when leave is taken without being granted for a spin down during study hours.

THE fighting editor is taking special lessons in boxing so as to be ready to defend the local editor against those who were quite unintentionally wounded in their feelings by reading this column last month.

A FEW students who have fitted their windows with hygienic ventilators had the pleasure of cutting their way through snow-banks in their rooms recently when we had a genuine snow storm from the E.

SEVERAL students have been complaining lately that sundry nimble (and fair?) fingers have been busily employed practising sewing on various garments belonging to students. "Mischief, thou art afoot."

SPRING taps are now fitted over the sinks to prevent waste, and too much flow through the sewage tanks. N. B.—It takes about 5 minutes to get a can full of water, besides considerable muscular force to hold the tap open.

□ By special request, or command rather, monitors have been appointed to keep order on their respective flats. Those appointed for one flat (by the boys) were the President and Old John, and for another, Prof. Hunt and — you know.

HELP is so short in the laundry that all washing has now to be in strictly up to time. The recent notice would be unnecessary if all students were like two room-mates whose united washing bill for one term last year amounted to 27 cents.

WE learn on good authority that our friend who presides over the Horticultural Department, celebrated the anniversary of his wedding day on the 4th, by entertaining a highly select party of students at an oyster supper. Long may Mr. and Mrs. Forsyth flourish.

THE 2nd year fellows had the pleasure of a lecture on Gallo-ways recently illustrated by one of Mr. McCrae's splendid bulls. At the close of the lecture Mr. W. McCrae briefly ran over the O. E. F. heifer, thereby giving a good supplement to Prof. Shaw's remarks.

WE regret to chronicle three accidents on one day. Messrs. McFaul, Cochrane, and Hall, got hurt on November 30, the first mentioned was in bed for a week with a nasty axe cut on the foot, but the other two soon recovered from their slight abrasions of the cuticle.

THERE is plenty of music in the College. But a few minutes ago sounds were wafted to No. 35 of the piano in the class-room, a banjo in the smoking-room, the organ in the non-smokers room, and a company of lusty-throated undergraduates yelling "Old Grimes."

THE 1st year Literature lecture the other day was enlivened by the Professor endeavoring to describe the meaning of 'a glance.' He said, "for example, you can glance at a lady, if you do not understand, Mr. Newcomen is an adept at the art and will give lessons afterwards."

IT would be better for boys who go in next door not to take any refreshment at all than to leave plate after plate untouched outside on the radiator. "Waste not, want not." This is about on a par with boys, when milk is short, taking a full glass and only drinking half.

IT is commonly reported, and let it be understood on good authority, that some boys are so wonderfully studious that a pocket edition of "Julius Cæsar" accompanies them into the Literary Society meetings so that every spare moment between the numbers shall be carefully utilized.

## THE O. A. C. REVIEW.

ON Nov. 23, the 2nd and 3rd year, and on Dec. 3, the 1st year again had the pleasure of seeing some excellent views in the Botanical Laboratory. Prof. Pantou has spared no expense in getting these fine pictures of the Mammoth Cave and it is his delight to exhibit them to a crowd of admiring students or officers and friends.

A MOST careful series of analyses has been lately carried on here to find the percentage of sugar in beets. A fellow was met the other day with his hands stained a beautiful reddish brown, and with several deep scratches scarcely healed, and on being interrogated as to the why and wherefore it was ascertained he had been grating beets.

THERE was a narrow escape lately from what might have been a serious accident. When cutting feed the engine was stopped, and the fly-wheel, continuing to revolve with great rapidity, came off the shaft and spun away to the end of the barn passing between the legs of one boy and just grazing another's leg. No damage was done.

IT is said to notice the increasing cheekiness of the first year. It is bad enough to walk through a class room before the lecture is quite completed, but to wilfully interrupt a second year meeting by getting outside and continually pulling the door open is an offence which richly merits an intimate acquaintance with our end of the connection with the city waterworks.

MOST of the boys were down at the Fat Stock Show held in the Western stables on the 11th. The three judges of the 2nd year, Messrs. J. Harcourt, R. E. Cowan, and Watson, acquitted themselves well. It is rumored they will have some say at Toronto next fair time. Be that as it may, the O. A. C. is proud of boys whose judgment tallies almost exactly with that of well known cattle experts.

EARLY last month a Boxing Club was started and has already a large number of members; afternoons and evenings during recreation being devoted to the study of cross-counters, uppercuts and other intricacies of the noble art. We would advise every one to join, as boxing is the most manly and healthy exercise for indoors. Exhibitions given weekly by our world-renowned heavy weights, Hall and "Corporal."

CURIOS work occasionally is done on Experimental by those told off to this interesting Department. On a recent occasion when a student had to empty the crock the ingenious youth thought he would apply his knowledge of hydro-statics and rigged a syphon to run off the liquid. Proceeding to exhaust the air and draw up the contents by suction he was most fortunately interrupted by the Professor who told him the crock contained nitric acid!

OUR bright little "Jim" has gone from among us. Cheerful and vivacious specimen of French-Canadian we miss thee. No more do thy jocular words and merry pranks light on our ears and bodies. Our spirits sank to zero when thy little form departed through the snow to the accompaniment of the College yell. Farewell, Mr. Smith, may the winds of Montreal blow gently on thee, and may the remembrance of many happy days at the O. A. C. linger long with thee. Adieu, dear Jim.

IN the first year English Composition lecture the other day the following sentence came up for discussion:—"She was accompanied by her mamma *en grande toilette* who, to tell the truth, looked rather *ridée* even in gaslight." The President then asked

a student to criticise the sentence and state what was objectionable. The youth blandly replied:—"The only thing objectionable that I see, is her being accompanied by her mamma." However, the President can take a joke and joined heartily in the laugh which followed.

AT the Y. M. C. A. meeting, Nov. 21st, we had very interesting reports from our delegates to the Toronto Y. M. C. A. Convention. We are indebted to our representatives Messrs. E. A. Rennie and H. L. Hutt for taking such full notes and giving them to us in such entertaining style. At the close Prof. Hunt gave us a most practical address just gathering a few of the principal thoughts of various speakers and presenting them to the meeting with intense force and earnestness. As an outcome of this our Association already takes a deeper interest in Mission work.

THE Aberdeen Angus calf being recently condemned to have his scurs removed, was brought up to the lecture room for the benefit of the second year witnessing the operation. That is to say, the calf was brought *towards* the College but to come up *to* it the youngster flatly declined. Then was witnessed a delightful picnic, for the frolicsome yearling made a bee line for John's stomach, and having knocked him over, proceeded at no small rate to drag him over the snow to the farm office. There the frisky Doddie wound his leading rope three or four times round a post and placidly surveyed a group of admiring and amused students. Eventually the operation was performed in the stable but not until his playful gambols had tested the strength of three or four boys.

A SLIGHT change in the programme was made at the Literary Society meeting on the 29th November, and an open discussion held on "Improvements in the O. A. C. course." To *our* notion some very good suggestions were made which were subsequently embodied in a petition to the President, but whether or not the 'powers that be' will see fit to coincide therewith is another matter. The discussion was well sustained, several members speaking on such a vital question. The leaders were Messrs. Elliott and Jacob, both of whom gave very thoughtful and able speeches. Mr. Faithfull contributed a solo on the the organ, very skillfully overcoming the difficulty of a broken pedal. Mr. Wilkin gave a capital speech on Japan, the more closely followed on account of his residence in that increasingly interesting country.

AT the meeting of the Literary Society on the 13th inst., the programme opened with a pianoforte solo by Mr. Faithfull. Mr. Harrison then gave a five minutes' speech on Spanish cities, bringing vividly before our notice scenes in Toledo and Cordova. We then had the pleasure of listening to a splendid address by Prof. Hunt, on Bellamy's "Looking Backward." He was listened to with rapt attention from beginning to end, and we all felt that we had a great deal to carry away and be of much service to us both now and in after life. To all second year students especially we would say read the book by all means if you get the opportunity and we are sure you will not regret it. We are very grateful to the Professor for sacrificing his time to entertain and instruct us with such a peculiarly interesting address. Mr. Milne followed with a maiden speech on "It Will Do."

ON Nov. 16th we again had the pleasure of receiving delegates from the Toronto Y. M. C. A. This time Mr. Cole, the Organizing Secretary, came, accompanied by Mr. Munro. We had an informal hearty meeting in the evening just to get acquainted, when Mr. Munro, a farmer's son, kept us in roars of laughter with



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his quaint allusions to the farming in his section and description of the angular dairy cows. Speaking of his trip to Northfield he told us the yells given by the different colleges. Fortunately it was remembered that the O. A. C. boys used to have one, so we promptly revived it and assiduously practiced—"One, two, three, four, Whoa, Back, Gee, Haw!!" And no mean yell either, when given from the lusty lungs and throats of energetic teamsters. When the meeting proper was over we gathered round the organ and sang to our hearts' content. We had two meetings on the Sunday, one at 8.30, led by Mr. Munro, and the other at 2.30, when we also had with us the Rev. Mr. Young, from Drummondville. Mr. Munro then gave us a very interesting account of his trip to Northfield, and Mr. Cole gave a Bible reading.

THE Literary Society is discussing the topics of the day. It decided at a recent meeting that it is undoubtedly expedient to do away with fences. Mr. Hutt opened the debate in a most able speech, the best yet given this term; he was supported by Mr. Gibson, and opposed by Messrs. Webster and Hall. The two first year men did well, in fact it is noteworthy that there are many good speakers in that class. Several amusing points were made, but the honest, straightforward arguments of the opener could not be successfully met and the affirmatives thus carried the motion. Mr. Hadwen is blossoming into a genuine parodist and comic singer. His topical allusions in "Climbing up de Front Hall Stairs," and his amusing rendering of "Where Did You Get That Hat," were highly appreciated. Mr. Watson was down for a five minutes speech that night and gave us a capital idea of the benefits to be derived on the farm from careful horse-breeding. We trust this subject, of such high importance, will receive due attention at the O. E. F. Mr. Buscarlet, when his music was found after his hasty hunt for it and the Critic's gentle insinuation that "some rascal or other had popped in and prigged it, gave us two good songs in his usual truly musical style.

AN open meeting of the Literary Society was held on the 6th inst., when a first-rate programme was presented to a crowded house, the fair sex being strongly represented. The College orchestra opened the proceedings with a selection of favorite airs; the performers were Miss M. Mills, piano; Messrs. Hadwen, Ransom, and McDonald, violins; and Mr. Musgrave, flute. After an enthusiastically demanded encore a sitting was held of a Mock Parliament. The first part of this was exceedingly funny when 18 members brought in most ludicrous bills. The principal one, ably debated by Messrs. G. Harcourt, Monteith, Hutt, and Harris, related to the cultivation of a moustache by the present generation of young men and the imposition of a fine on each hair above a certain length. The two last mentioned members made very good speeches, entering with much zest into the serio-comic debate. We were then favored with a pianoforte duet by Miss Mills and Miss Reynolds, which was deservedly encored. The hon. member for Tipperary subsequently described in richest brogue his experiences of courtship, and Mr. Hadwen described his experience at the Rainbow Fair in a clever parody of "Killaloo." Mr. Buscarlet sang one of his always welcome songs, and was called on for another. The programme ended with a Hunting Chorus from the students.

THE College Rugby Football Club closed the season against Hamilton on Nov. 9th. Five matches have been played, three of which were lost and two won; as against 66 points made by their opponents the College scored 51. The team this year was strong, especially the forward division, who throughout played a good

combined game and made more use of the heeling-out tactics than their opponents; the half-backs, owing to Saunders' inability to get away and Hayne's accidents were never fully represented; the "wings" played well individually and at times put in some good work, but hardly seemed to understand the nature of their positions. The full-back was weak as last year, though Ransom improved greatly towards the latter part of the season, in the earlier he was rather wild and erratic in his kicking. The following is an account of the matches:—

Oct. 19th, v. Toronto 2nd XV, won 21 points to 5.

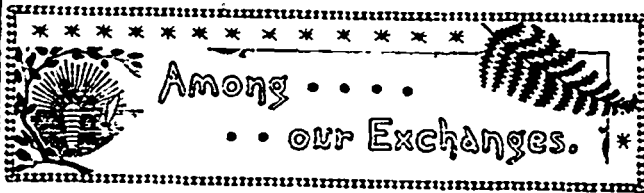
Oct. 26th, v. U. C. C., lost 9 points to 14.

Nov. 2nd, v. Stratford, lost 10 points to 22.

Nov. 7th, v. Trinity College, won 8 points to 6.

Nov. 9th, v. Hamilton, lost 3 points to 19.

The following having played for the College will be photographed as the team for 1889:—Ransom, Curzon, Mattice, Gelling, McFarlane, Buscarlet, Monk, Harris, Dolsen, Webster, Musgrave, Buchanan, McDonald, Esterbrook and Hayne (captain). Copies of this handsome group may be had on application at \$1 each. In the spring the Association Club will reorganize and be open to challenges from Guelph, Elmira, Preston, Elora, St. Jacobs and other neighboring clubs.



The average annual expenses of the students at Harvard is \$800.

A School of Electrical Engineering was opened this term at Columbia College.—*Ex.*

The expenditure on athletics alone at Harvard last year amounted to nearly \$25,000.

The Northwestern University at Evanston, Ill., has 1,658 students in its different departments.

At Dakota Agricultural College wood carving has been introduced as part of the manual training for ladies.

A Law School for women is to be established in New York city by Emily Kenfrin, LL. D., a graduate of a Swiss University.

Professor in Hygiene.—"What purpose does water serve in the body?" Brilliant Freshman.—"It helps to wash out the stomach."

The United States has four large colleges devoted exclusively to the education of women. They are: Wellesley, with 525; Vassar, 285; Smith, 400, and Bryn Mahr with 52.

The Business Managers of the REVIEW wish to acknowledge the receipt of subscriptions from the following:—H. Aylsworth, P. C. Black, J. A. Craig, B. S. A., J. A. Derbyshire, J. I. Hobson, A. D. Harkness, R. F. Holterman, A. Lehmann, B. S. A., E. E. Luton, D. H. Levens, G. F. Marsh, B. E. Patterson, B. S. A., Levi Pike, J. W. Ross, B. Robinson, J. G. Scrugham, C. R. Stevenson, F. B. Warner, A. B. Wilmot. Those who have not sent in their subscription will not receive more than this copy until such time as they subscribe.