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THE  
O.A.C.  
**Review**  
FEBRUARY, 1899.

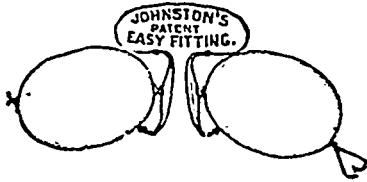


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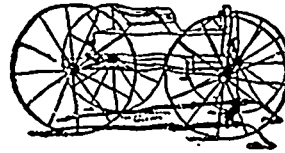
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# ✻ THE O. A. C. REVIEW. ✻

*The dignity of a calling is its utility.*

VOL. X.

ONTARIO AGRICULTURAL COLLEGE, GUELPH, FEBRUARY, 1899.

No. 5.

## Editorial.

In our last issue we said something about the relation of ex-students to the Review, and still think that what we said was right.

That the Review is not what it might be we admit, but that the fault is entirely in the management we deny. To give greater prominence to the locals would be unfair to outside subscribers, and since we publish all the personal news that reaches us, it will be seen that a discussion of agricultural questions must still occupy a large part of our space. We know that, as undergraduates, we are not expected to successfully entertain and instruct those whose experience and more extended study has given them a more mature and more nearly correct view of agricultural subjects.

For the benefit of those who do not contribute to our columns, but still will not allow us to forget that they criticize us, we would recommend freer discussion by them in these columns, of new or popular methods, particularly as noted by those who have special opportunities for observation in different parts of the country.

Mr. J. J. Ferguson, B.S.A., in a very interesting and instructive account of his tour through Eastern Canada, has written such an article as we believe to be acceptable to our readers, and in order that it may appear this month as a type of what we expect in future we will hold over some other select matter.

Because we address the ex-student body it must not be presumed that we are careless of the tastes of our other readers, but what we advocate is in the interests of all and conducive to making our paper what its founders intended it should be.

The names of some whom we think wish to receive the Review, have been retained on our mailing list, although the price of subscription

has not yet been received. To such, it is suggested that they do themselves a favor by sending the desirable amount this month in order to guard against the failure to receive the future numbers.

## Year Feeling.

We must acknowledge that it was by reading an article by the editor of the *Trinity Review* that this subject was suggested, but as our conditions are somewhat different from those existing at Trinity, we may discuss the subject without borrowing too much from his able treatment.

In the last two years the "year feeling" seems to have become more pronounced and productive of rivalry than it formerly was. Although we of '99 were, in our freshmen year, disconcerted by the absurd "First year, first year, w. nt their ma!" yell, as thundered from the combined senior years, it was because we had not yet learned our strength and the retaliating yell that had been provided. In a few weeks we were able to make ourselves heard far above what had before been the taunting shouts of our now cowed but dignified seniors.

One thing to be regretted is the overpowering numerical strength of the freshmen class at this college. While the freshmen certainly have rights, and claims to sympathy, it would seem that if their numbers were small enough to cause them to recognize the importance of the seniors, they would themselves more fully realize the gravity and influential importance of their own positions when they are promoted.

One thing learned from our year clannishness is, that unless we, as a year, "hang together," we can accomplish but little in any of our year enterprises. Another point impressed is the necessity of recognizing and working in harmony with the man who possesses executive ability. Past contests have shown that nothing is so

weakening to a year football or hockey team as to be ignorant of who is to be their captain or who is to have the choosing of the players.

Of course if this feeling is carried far enough to cause a half-hour's indulgence between lectures, even in a good-natured snow fight, there is danger of evil results; but, properly guarded, the year feeling makes our college life more pleasant and in many respects more profitable, and is also productive of the proper college spirit, without which no student body can ever secure recognition as such in any athletic or literary line.

### Among the Bluenoses.

FOR the past month it has been my privilege and pleasure to tour this province of New Brunswick, by the sea, of which we people of Ontario know so little. While our native province affords a more congenial field of labor for the agriculturist, this offers to the traveller and tourist a magnificent variety of coast and mountain scenery. This is not the season to see the province at her best, but even now the splendid mountains clothed with the fresh restful green of pine and spruce make a setting for such landscapes as must delight the eye and inspire the soul of the artist in summer months. The country is splendidly watered by many streams large and small, which have their source in springs of clear pine water on hill or mountain side.

Along the coast in the south-eastern portion of the province are immense marshes, the greater portion of which are protected from old ocean's invasion by hundreds of miles of mud dikes. The land thus protected is probably not surpassed by any in the world for the production of hay, to which it is entirely devoted. A few days ago, I saw a tract of the Tantramare Marsh, comprising seventy-five thousand acres, which this year cut two and-a-half tons per acre, and which has been mowed over for one hundred and twenty-five years. These hay marshes receive no fertilizer, save that once in a while the sea is allowed to enter through sluices and wander over them, depositing a heavy brown sediment of alluvial mud, which supplies fertility for succeeding

years. Occasionally, as much as a quarter of an inch of the sediment has been left by one tide. The conformation of coast line districts is undergoing constant change. Quite frequently, by erecting a sea-wall one man will add to his farm a field stolen by robber ocean from other less fortunate land-owners.

In the Bay of Fundy the tide sometimes rises thirty feet. This means that all the streams of the low-lying adjoining districts are tidal many miles from their mouth. One of the sights of the province is the Moncton bore; owing to the tide coming into cramped quarters, the oncoming wash produces a crescent-shaped wall of water with a foam-topped crest, which rolls steadily up stream. It is often three or three and a-half feet high. In a few days we are going to do the "reversible" Falls of the St. John, which are the "only original" of their kind. Down on the isthmus of Chignecto we saw the relics of the defunct Ship Railway in which there were sunken years ago, three and a half millions of dollars.

Operations on the work have long been suspended, lacking the sum of one and a-half millions still required to carry it to completion. Some of the most powerful hydraulic lifts in the world are lying idle at the termini.

The farmers down here take things much more easily than do our people at home; result, to-day they are a generation behind us in farm practice. They are anxious to advance, and whether we teach(?) them much or little at our meetings they turn out in large numbers, and give us an attentive hearing. Lumbering, fishing, and the export business in hay have become less profitable than formerly, hence the time is opportune for institute work along our present lines of dairyming and hog production. Last year our county of Leeds produced seven times as much cheese as was made in this province while the production of pork does not meet local demand.

We have yet several week's work in this province; later on I shall go over to Nova Scotia to attend a series of meetings there. Some of the men of '83-4 will be pleased to hear that W. W. Hubbard of '84 is managing the Institute work of N. B. in addition to editing the only farmer's paper of the province, the "Co-Operative

Farmer." He is a thoroughly good fellow and has many humorous stories of life at the O. A. C. in the early eighties.

J. J. FERGUSON, '94.  
Sussex, N. B., Feb. 4, '99.

### Craining and Feeding the Colt.

There is a prevailing tendency among farmers who breed and rear colts for their own use, to get them into harness as quickly as possible. This mode of management is not harmful if judiciously practised: but, too often, from ignorance of a few underlying principles, it results in materially injuring the normal development, and hence the usefulness, not only of the young animal itself, but also of the horse into which it would develop. As many will be working colts this spring for the first time, a few remarks on some of these principles may be helpful to those who desire to so handle their colts that no injury will result.

When a colt is made to do his first really hard work in the spring, it is generally observed that, under the care of the average farmer, he gradually loses flesh until by the time the season is over the loss is very marked. This results too often from a desire to get more work from the colt than he is capable of doing. Like all other young animals he is tender, and should be handled carefully. In the first place, he is timid and easily excited; and in the second place he is growing, that is, building up bone and tissue in his body. These then call for careful training and skilful feeding.

When the colt is young he is forming habits which will remain with him throughout life. It is important, therefore, if he is to make a good horse, that in his training certain principles be observed, whereby desirable habits may be instilled, and objectionable ones avoided. A gentle colt will make a better horse in every respect than will a fiery, easily excitable one, but especially from the feeder's standpoint. It is well known that excitement causes an increased secretion of urine and also increased perspiring, both of which are injurious to the best development of tissue. Scientists tell us that the former is due to an increase of protein consumption in

the body. If the food supplied is not sufficient to make good this increased consumption, the secretion will take place at the expense of the animal's muscles, and this is of very frequent occurrence throughout the country. Again we are told that too large a proportion of albuminoids in the food also increases protein consumption. If we have, then, to supply a food richer in albuminoids we may increase the evil rather than mitigate it. Then again, as a result of perspiration, the animal drinks more water, and it has been found that excessive drinking of water also increases protein consumption. Furthermore, scientific investigation has shown that normal work does not increase this consumption, but that exhaustion does. If then, excitement and exhaustion are so injurious they should be avoided. How is this to be accomplished? By careful training, which should begin at once, but gradually. The colt should first become accustomed to the bit, then to the collar, and so on, until finally the whole harness may be used. After a few days he may be attached to a light sleigh, and then by gradually increasing the work, he will by spring be in good condition for work on some of the lighter implements of cultivation. But above all things let him never be unnecessarily excited or exhausted.

But while the colt is receiving his training, the feeding must not be overlooked. It should be borne in mind that he is still growing and that to facilitate this growth, mineral and nitrogenous foods are chiefly required. The former is generally sufficient in ordinary feeding stuffs, but the latter is often very deficient. If a colt is to grow and do work at the same time, the food fed must be richer in albuminoids than given to mature animals. Here is where many feeders make a serious mistake. They feed the colt exactly the same as the older horses, and as a consequence, protein consumption goes on at the expense of the young animal's muscles, which is soon shown by his altered condition. There is however, a limit to the proportion of albuminoids which should be fed, for they are rich in nitrogen and nitrogen is a very expensive constituent in fodders. A safe rule to follow in feeding, not only colts, but also

# The O. A. C. Review

Published Monthly during the College Year by the Literary Society  
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Ex-students are requested to contribute to our columns.

FEBRUARY, 1899.

### *Training and Feeding the Colt—continued.*

all farm animals is the feeding standard. All farmers, therefore, who wish to feed successfully and economically, should secure a copy of "The Computation of Rations for Farm Animals" by H. P. Armsby, of the Pennsylvania State College, Experimental station.

## The Apple.

The original apple is not definitely known, but it was certainly a very small and inferior, crabbed fruit, borne mostly in clusters. When we first find it described by historians, it was still of small value. Pliny said that some kinds were so sour as to take the edge off a knife. But better and better seedlings continued to come up about habitations, until, when printed descriptions of fruits began to be made, three or four hundred years ago, there were many named kinds in existence. The size had vastly improved, and with this increase came the reduction of the number of fruits in the cluster; so that, at the present time, whilst apple flowers are borne in clusters, the fruits are generally borne singly. That is, most of the flowers fail to set fruit and they complete their mission when they have shed their pollen for the benefit of the one which persists.

The American colonists brought with them the staple varieties of the mother countries. But the needs of the new country were unlike those of the old, and the tastes and fashions of the people were changing. So, as seedlings came up

about the buildings and along the fences, where the seeds had been scattered, the ones which promised to satisfy the new needs best were saved, and many of the old varieties were allowed to pass away. In 1817, the date of the first American fruit-book, over sixty per cent. of the varieties particularly recommended for cultivation in this country were of American origin. In 1845, nearly two hundred varieties of apples were described as having been fruited in this country, of which over half were of American origin. Between these dates, introductions of foreign varieties had been freely made, so that the percentage of domestic varieties had fallen. But the next thirty years saw a great change. Of 1823 varieties described in 1872, nearly or quite seventy per cent. were American, and a still greater proportion of the most prized kinds were of domestic origin. In the older states, the apple had now become so thoroughly accustomed to its environment, and tastes of the people were so well supplied, that there was no longer much need for the introduction of foreign kinds. It was not so in the Northwest. There the apples of the eastern states did not thrive. The climate was too cold and too dry. Attention was turned to other countries with similar and rigorous climate. In 1870, the Department of Agriculture at Washington imported millions of many varieties of apples from Russia; but these did not satisfy many fruit-growers of the northern states. It was then conceived that the great interior plain of Russia should yield apples adapted to the upper Mississippi valley, whilst those already imported had come from seaboard territory. Accordingly, early in the eighties, Charles Gibb, of the province of Quebec, and Professor Budd, of Iowa, went to Russia to introduce the promising fruits of the central plain. The result has been a most interesting one to a pacific looker-on. There are ardent advocates of the Russian varieties, and there are others who see nothing good in them. There are those who believe that all progress must come by securing seedlings from the hardiest varieties of the eastern states; there are others who would derive everything from the Siberian crabs, and still others who believe that the final result lies in improving the native crabs. There is no end of discussion and cross-purposes.



In the meantime, nature is quickly doing the work. Here is a good seedling of some old variety, there a good one from some Russian, and now and then one from the crab stocks. The new varieties are gradually supplementing the old, so quietly that few people are aware of it; and by the time the contestants are done disputing, it will be found that there are no Russians and no eastern apples, but a brood of northwestern apples which have grown out of the old confusion.

All these new apples are simply seedlings, almost all of them, chance trees which come up here and there wherever man has allowed nature a bit of ground upon which to make garden as she likes. In 1892, there were 878 varieties of apples offered for sale by American nurserymen, and it is doubtful if one in the whole lot was the result of any attempt on the part of the originator to produce a variety with definite qualities. And what is true of the apple, is about equally true of the other tree fruits. In the small fruits and the grapes, where the generations are shorter and the results quicker, more has been done in the way of direct selection of seeds and the crossing of chosen parents; but even here, the methods are mostly haphazard.

**Athletic Notes.**

Shortly after the January issue went to press, Lower Panton challenged the rest of the College to a game of hockey. The game was played on the reservoir in which, in the scuffle of shinney and hockey, Lower Panton came out on top with a score of 2-0. The teams were:

LOWER PANTON.			COLLEGE.	
Allison		goal	McIntyre	
Marshall		point	Parker	
Keys		cover	Rowat	
Wilmott	}	forwards	McElroy	}
Hutchinson			Carlyle	
Mallory			Brokovski	

As was announced in last issue, that after putting the Victorias out of the league, we would have to be pitted against the winners of the National-Preston round. The Nationals winning, it fell our lot to face another Guelph team.

The game was played in the Victoria rink on Tuesday, January 31, before a most enthusiastic

crowd of about 400 spectators. The opposing teams were:

O.A.C.			NATIONALS.	
McCallum		goal	Kruger	
Hamilton		point	Dowling	
Wilmott		cover	Morrison	
Tandy	}	forwards	Shields	}
Evans			Barber	
Robertson			Snell	
Squirrell			Carmichael	

The game started out with Squirrell putting the puck through the National goal posts. The Nationals retaliated but the referee called off side. The College scored again, but this was out-ruled by Tiny Robertson being on the ice when he was ruled off. The Nationals scored a goal, then another, and at half-time the score stood 3-2 favor of Nationals.

After half-time, although the College forwards played fast and hard, and the defence did excellent work, the Nationals scored six more goals, to one for the College; making the total score 9-2 favor Nationals.

During the first half of the game the college boys played good fast hockey, and it looked as if they might be the winners, but the fast skating and good combination of the Nationals, caused them to gradually forge ahead to the above score; thus giving us our first defeat in hockey for the season.

The return match was played in the same rink on Friday, February 3. Up to the last minute the College boys were sure of winning the game and maybe the round, but we were disappointed. When the team was called to the ice, three of our crack men were unable to play, so rather than default and show the white feather, a team was placed on the ice. The teams were:

O.A.C.			NATIONALS	
Allison		goal	Raymo	
Keys		point	Morrison	
Wilmott		cover	Howitt	
McCallum	}	forwards	Shields	}
Hamilton			Dowling	
Squirrell			Snell	
Sickling			Carmichael	

Being thus weakened both by loss and displacement of men, and the Nationals being strengthened both in goal and cover-point positions; what could be expected but a pile up for the Nationals? The game was not as slow as would be expected, the Nationals beating by a score of 10-3.

The boys, although sure of defeat, kept up courage and played well; "Fat" Allison in goal, being a regular find, according to the Guelph papers. The game was one of the cleanest of the season, not a man being ruled off the ice.

Although defeated we are not ashamed of our record. We defeated a good team in the Victorias of Guelph, and then entered the third round against the Nationals, a team which experts in hockey lines contend is fit for any of the senior hockey leagues of Ontario.

With much regret we have to announce the resignation of the President of the Athletic Association, Mr. M. W. Doherty. During Mr. Doherty's presidency he has done all in his power to aid the athletics of this institution, giving a large part of his spare time, besides financial aid, to the association. Although compelled to resign on account of pressure of work in his department, we know that Mr. Doherty's interest in athletics does not abate in the least. Vice-President Linklater takes his place with the full confidence of the association.

The Guelph Collegiate Institute challenged the First Year to a game of hockey. The game was played in Petrie's rink, resulting in a victory for the O.A.C. First Year by a score of 7-2.

Although out of the league our interest in hockey does not abate, as schedule matches have been arranged for between the first, second, and third year, officers and specialists.

### By Our College Reporter.

One of the interesting features of our winter term is the competition between the students of the different classes in the production of an original literary entertainment. In past years many enjoyable programmes have been furnished and considerable talent displayed, but the climax has probably been capped by the performances of the first and second year classes during the present term.

On Saturday evening, Feb. 11th, the second year took the stage and entertained an attentive audience for an hour or two, in a most handsome manner. The chief event of the evening being the production of a play, "An Unwelcome In-

trusion," which was well rendered and highly appreciated.

The remainder of the programme consisted of addresses and instrumental music, each number displaying energy and ability on the part of the performer. But alas! their efforts were only to be completely thrown into the shade by the brilliancy of the first year prodigies who furnished the entertainment for the following Saturday evening. In the first place the junior class displayed enthusiasm and business tact in having the coming event advertised in the city papers; the result being that, besides the students and officers of the institution, quite a number of their city friends were in attendance. Then the success of the performance was assured at the outset by the alert and business-like way in which the chairman appeared on the stage to announce the first number. His countenance expressed confidence. He led his audience to expect *something*, and *something* came. It would be useless to expatiate on the individual numbers, as only an eye witness could in any just measure appreciate the performance. Sufficeth it to say that such an up-to-date display of oratory, elocution, comedy, art and music, has probably never before been placed before a meeting of our Literary Society. At the conclusion of the programme our jovial friend G. C. Creelman, B.S.A., was requested to criticise the evening's proceedings, and he complied in his usual humorous and entertaining fashion, thus bringing to a close a decidedly successful entertainment.

The following are among the more important books that have been added to the library during the month:

Wolff & Vogel, Wolff's Dungenlehre; Baurstenbinder, Die Zuckerrube; Fleishmann, Lehrbuch der Milchwerthschaft; Heumann, Anleitungen zum Experimentiren; Maercker, Beitrage zur Dungenlehre und Bodenkunde; Mayer, Agrikulturchemie; Coles, The Diseases of the Blood; Lock, Tobacco; Hibberd, The Ivy; Webster, Practical Forestry; Brown, Modern Forest economy; Brown and Nesbet, The Forester; Newton, Timber Trees; Des Cars and Sargent, Tree Pruning; Darwin, Life and Letters of Charles Darwin; Slater and Spitta, Atlas of Bac-

teriology; Corfield, Utilization of Sewage; Drude, Handbuch der Pflanzengeographie; Batison, Materials for the Study of Variation; Wallace, Natural Selection Tropical Nature; Orr, Handbook of Browning; Hazlitt, English Poets and Comic Writers; Schlegel, Lectures on Dramatic Art and Literature; Walker, Age of Tennyson; Ramsay, Gases of the Atmosphere; Ramsay, Experimental Proof of Chemical Theory; Roscoe, Elementary Chemistry; Hiorns, Practical Metallurgy and Assaying; Butterfield, Gas Manufacture; Ostwald, Analytical Chemistry; Hempel, Methods of Gas Analysis; Roscoe and Harden, Dalton's Atomic Theory; Nernst, Theoretical Chemistry; Hicks, Elementary Dynamics; Ball, Experimental Mechanics; Earle, Practical Lessons in Physical Measurement; Besant, Hydromechanics; Basset, Hydromechanics and Sound; Christiansen, Theoretical Physics; Russell, Meteorology; Hales, Vegetable Statics; Trelease, Sugar Maples; Hooker, Insular Floras; Jacobs, George Eliot, etc.

### Personals.

W. J. Palmer, B.S.A., '86, took passage by the Majestic on the 8th inst. for Liverpool. He is combining business with pleasure.

W. A. Kennedy, B.S.A., '92, who has been assisting in the chemical department for the past year and a half, has gone to Toronto to take up work for chartered accountant's certificate. W. A. was exceptionally careful and thorough in whatever he undertook; and these qualities will insure success for him in his new line of work.

G. C. Creelman, B.S.A., '85, who has been district agent for the Ontario Mutual insurance company in the counties of Prince Edward, Northumberland, and Durham, for the past year and a-half, has been promoted to the Toronto agency. The company soon learned the worth of Mr. Creelman as a live agent, and saw the wisdom of giving him a larger field.

A. McDonald, '93, is one of the partners in the well known business firm of Jno. McDonald & Co. of Toronto.

J. J. Fee, '84, who was in the Western States for some years, is now in the produce business in Toronto.

D. A. Ross, '96, is at present farming at his old home near Martintown. He says the dairy farm is his hobby, but that he is also engaged, successfully, in the production of high-class bacon. Duncan believes in the O.A.C. and will, no doubt, be a credit to the institution where he received his training.

A. E. Cross, '79, has been elected to the Legislative Assembly for East Calgary.

A. W. Strange, '81, Gluchen P. O., Alberta, has been ranching a few miles from the above address for the past fifteen years.

John McCready, '95, is attending the dairy school at Madison, Wisconsin, and has succeeded in taking a very creditable stand on his examinations.

N. Campbell Scott, '96, who writes from Gillingham, Alberta, N.W.T., states that he has had "a great many hard experiences, also some very pleasant ones. I like the country well, however, and have met a number of old students since coming here. I am going up the pass in a day or two, etc."

W. W. Cooper, '90, is about to start farming on his own account. He and his father have been directing their attention to fancy and finished stock in sheep and cattle. We are sure that Mr. Cooper will give a good account of himself.

W. J. Elliott, B.S.A., '95, is meeting with success in the dairy business in Minnesota, as is shown by the fact that he secured a prize valued at \$60 on butter exhibited at the National Convention held at Sioux Falls. W. J. always anxiously inquires regarding the results of athletic contests in which the students take part. He will be remembered as one of the best football captains that we ever had at the college.

John Wheatly, '92, is now managing a dairy at Cookston, Wisc.

W. R. Bishop, B.S.A., '96, has charge of a cheese factory in Essex County.

A. H. Christian, B.S.A., '92, has charge of the Hon. John Dryden's farm, and is making a decided success of his work.

S. N. Monteith, B.S.A., '87, has been nominated to again contest S. Perth, in the Provincial bye-election.

J. R. McCrimmon, '97, Vankleek Hill, has full charge of his father's farm, and appears to be very much interested in his work. He is gradually working into a first-class herd of dairy stock.

One of the ex-students writes: "Work in connection with the farm is my pride and delight; and to raise its standard to a high and ever higher level will always be my ambition. We, as farmers, are on the eve of better times; and are very hopeful of our calling." We are pleased to have ex-students write so cheerfully, and the above is only one of the many expressions of satisfaction and hopefulness uttered by the old boys.

F. A. Parker, B.S.A., '94, is farming in the well known Annapolis Valley, N. S.

G. A. Smith, B.S.A., '94, continues to give a good account of himself as Assistant Agricultural Chemist at Cornell University.

D. P. L. Campbell, '93, is making a decided success of farming at Vankleek Hill, Ont.

S. P. Brown, '86, owns and operates a cheese factory in Lambton County.

R. Elworthy, '80, is stock raising, and giving special attention to sheep in Jamaica, W. I.

A. A. King, B.S.A., '93, who made golden butter in B. C. after leaving the college, went to the Klondike some time ago, and returned with some \$80,000 worth of the more solid article. It is his intention to return to the land of gold.

J. Harcourt, '88, is carrying on a sheep and dairy farm at St. Ann's, Lincoln county.

W. R. Motherwell, '79, is farming at Indian Head, N.W.T.

E. G. McCallum, '93, is recognized as one of the very best farmers in Glengarry county.

R. & S. Ransom, '88, are farming in B. C., and report says that they are doing well.

It will be interesting to ex-students to know that about 95 per cent. of the College associates, and about 50 per cent. of graduates are engaged in farming. Of the other 50 per cent. of graduates, about half are employed at College or Experimental Station work, and a number are still pursuing their studies.

## Local.

An old landmark has disappeared. The layer of sawdust which for years covered the floor of the live stock class-room, has been removed. It is gone, that familiar yellow carpet which rejoiced so many generations of students by its perfumes, and generously afforded shelter to so many defenceless bacteria. It is gone, and no more will our eyes behold it in its familiar place. It is to be hoped that a thing so intimately connected with the history of this institution will not be thrown away, but that a special casing will be provided for it in the experimental museum where it will enjoy in peace a well earned rest.

Extract of seaweed provokes a most luxuriant growth of hair on the upper lip. For sale by MacM—.

Half an hour before exam. on bacteriology, Red Top is reading his notes hopelessly: "To disinfect a room: 1 lb. of sulphur to every 1000 cubic feet of space. . . Well, how the dickens are you going to mix it?"

Physical Laboratory—Uncle Drury: "Please sir, are we supposed to have 4 screws about us when we have to determine the specific gravity of an object?"

Chemistry class.—"Gentlemen, this table shows you that turnips contain a large per cent. of water. Can you name something else which also contains a great deal of water?" Hutton: "A well."

Since our hockey prospects met with such an untimely end, referee G— has covered his head with rags; silent but touching practice of expressing grief, which is, we believe, of Jewish origin.

Chemistry class—"Please sir, what do the farmers hope to accomplish by sowing salt on the land?" Prof: "Well, Mr. R—d, they hope to grow better crops and make more money."

Backwoods, it appears, have a strong influence upon men's temperaments. If the second year are an instance of this fact, may we always see the O.A.C. students full of backwoods spirit.

Lecture in Veterinary Anatomy—Prof: "Mr. J-c-bs, describe the heart." J-c-bs: ??? Prof: "I think you don't know much about, it do you?" J-c-bs: "That's just what I was thinking, sir."

Live stock class room—Brock, judging a cow: "I don't think her *Nozzle* is quite broad enough."

A certain first year man once undertook to raise a moderate mustache. Alas! he soon found that the scarcity of his daily grub could not allow such an extravagance. The longer it grew, the thinner he grew. Before giving up all hopes, however, he wrote a strong plea for better food which he inserted in an essay on Experimental Union. His audacity was crowned with success. He got a fresh goose egg. Hope that will keep it growing, freshie.

Our friend Sep'imus, lately received word that a box of apples, sent from home, was waiting for him at Guelph station. His pleasure was so great that he communicated the news to a few intimate friends. "Now look here" said Wild Oats, "that box is heavy; you may hurt yourself. Give me half the apples and I will get it for you. This was agreed to, and up to the college Wild Oats brought the box on his herculean shoulders. That was hard work, but just think, two bushels of apples, what a feast! It did not take long to knock the cover off. . . alas! a mass of humus met their gaze. . . every apple was rotten. We hear that the humus was sold to Mr. Rennie, and Wild Oats got half the proceeds.

The sudden downpour of rain which followed the explosion of a flash-light, while W-1-n was taking a picture of Mill street residents in their night-shirts, is still a dark mystery. Nor can the wet track, which extended from Mill street to B-g avenue be accounted for. . . None of the numerous theories advanced by Billy and Taffy has been judged satisfactory. . . But if you value your life, don't talk on Mill street about *splash-light*.

"Well, well," said Prof. S. when he beheld Mrs. Mopps, "I hope this lady is married."

*Argosy*, the official organ of Mt. Allison University, Sackville, N. B., is a thrice welcome visitor. Its columns are worthy of a most careful perusal. *Argosy* does not hesitate to discuss the mightier problems of the day. A recent number contained able articles on "The Occupation of Egypt", and "France in Newfoundland." In the present issue we note a review of "Foreign Influence in China."

## Our Exchanges.

We beg to acknowledge the receipt of the following exchanges for the month: *Acta Victoriana*, *Trinity University Review*, *McGill Outlook*, *Dalhousie Gazette*, *The Argosy*, *Albert College Times*, *Student Life*, *M. A. C. Record*, *College Clips*, *The Clarion*, *The Industrial Collegian*, and *The College Reflector*.

Among our many exchanges perhaps there is not one better adapted to the brightening of a gloomy hour than *Student Life* published by the students of Washington University, Missouri. A wag, writing in the February number, has set forth a contemplation of exams. in the following parody:

### EXAMS.

The day is cold and dark and dreary; -  
Exams! and the Prof. is never weary;  
The chalk still marks on the crowded wall,  
And at every stroke the students fall  
And the day is dark and dreary.

My life is cold and dark and dreary;  
Of exams my mind is ever weary;  
My pencil clings to my moistening tongue,  
Methinks I'm a swan whose song is sung,  
And the days are dark and dreary.

Be still, sad heart and cease repining;  
Behind thy cuff is Saint Joles reclining;  
Beware the Prof. lest thy fate be sealed,  
Then a year you'd spend in another field,  
Those days would be dark and dreary.

A little word in kindness spoken, a motion or a tear has often healed the heart that's broken or made a friend sincere.

### MAKING IT CLEAR.

Somebody has discovered that a Bermuda onion eaten raw will clear the head. A Bermuda onion eaten raw will do more than that. It will clear an entire room. An active Bermuda onion is a complete clearing house all by itself. Take one Bermuda onion—only one—and let the lips of beauty close upon it, and love will turn to hatred and honey to gall and bitterness.

Clear the head? why, a Bermuda onion in fairly good health, will clear the head of navigation.—Exchange.

The ~~no~~ of the R—l C—y girls are slender and delicate tinted; their i i i are like \* \* \*, and they are without—in this or any §. Their frowns are like † † † and their 123450 excite !!! of pleasure and a desire to m'— them. Read this ¶ and do not ? its veracity.

The German word for life insurance company is lebensversicherungsgeschaft. It has the great advantage that while the agent is pronouncing it the victim is fairly warned, and has an opportunity to climb over the fence and hide under the barn.—Ex.

#### Logic.

If a bicycle's known as a "bike,"  
A tricycle must be a "trike,"  
And when winter comes 'round,  
It will doubtless be found  
That an icycle goes as an "ike."

Lady Student (selling tickets): Mr. M,—, don't you want to buy a ticket for the Christmas tree?

Mr. M—: What do you charge?

Lady Student: Twenty-five cents.

Mr. M—: Aren't you a little dear?

Lady Student: All the young men tell me so.  
—Exchange.

The executioner made a bow,  
He felt his axe blade broad,  
Spake thus, with deference to his guest:—  
"You'll have it cut, my lord?"

And Raleigh hesitated not;  
Full soon he solved that riddle,  
With no chance thus answered he:—  
"Pray part it in the middle!" —Exchange.

#### Ambiguous.

We were seated in the twilight of a hazy after-glow,  
How I came to do it, truly, I can't tell you; I don't know.  
As we walked, I grew emboldened, and I said (you will perceive 'Twas decidedly presumptuous): "I shall kiss you when I leave."  
She arose as though in anger; silent sat I like a dunce,  
As she answered, oh, so slyly! "Sir, please leave this place at once!"  
—Student Life.

Watts—"Say, do you know anything good for a cold?"

Potts—"No. I don't even know of anything good for the grip."

She—"Don't you always pity a girl who is frightened in the dark?"

He—"Naturally, I cannot help feeling for her."

If in this world you wish to win  
And rise above the common chump,  
Take off your coat and pitch right in,  
Don't wait, lay hold, hang on and hump.  
Don't wait until the iron's hot,  
But make it hot by muscle,  
Don't wait for wealth your father's got,  
Take off your coat and hustle.

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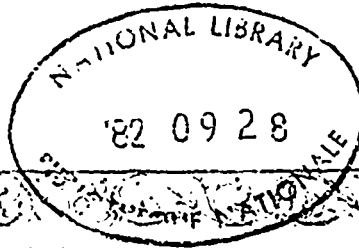
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