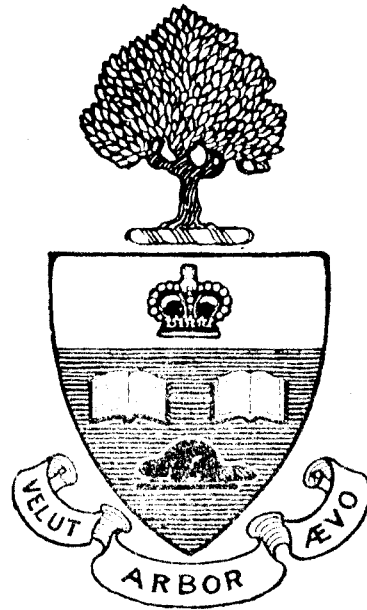


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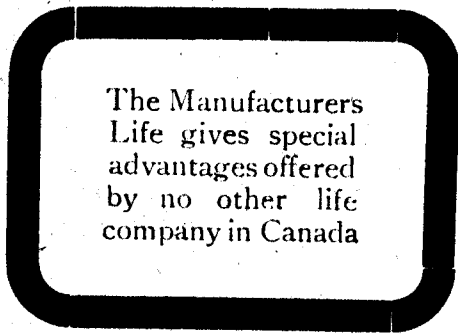
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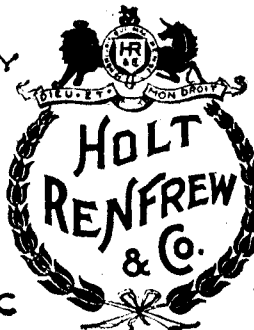


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THE VARSITY

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No. 4.

THE METEOROLOGICAL SERVICE OF CANADA

R. F. Stupart, F.R.S.C.

ON the Director of the Dominion Meteorological Service and the staff at the Central Office devolve the following duties:

To establish and maintain meteorological observing stations throughout the country, in order that data may be available for an accurate determination of the climatology of the Dominion.

To publish accurate records of the weather which has prevailed during the various months and seasons of each and every year in all portions of the Dominion, that such records may be available for agricultural and immigration purposes, and in the future be available for the determination of climatic changes.

To issue forecasts of the weather to be published in the press. To issue storm warnings to all ports on the seaboard and the Great Lakes. To keep the public informed regarding the weather prevailing in all portions of the Dominion.

To furnish information regarding past weather to corporations and individuals who require the same for the settlement of lawsuits, etc.

To carry on original investigation—research work—regarding atmospheric physics, along such lines as may lead to a better understanding of meteorological phenomena and the laws which govern atmospheric changes. To investigate what connection may exist between solar physics and meteorological phenomena.

The maintenance of the observations at the magnetic observatory, now located at Agincourt, a village ten miles distant from the Meteorological Office, and the reduction of the results there obtained.

There are in the Dominion 360 stations where meteorological observations are taken. In the majority of instances the observing is performed gratuitously by persons who take an interest in such work and who have been supplied with the necessary instruments by the Government, but at some outlying stations where voluntary observations cannot be obtained, small gratuities are allowed. Then at some 36 stations scattered at about equal intervals across the Dominion small salaries are paid, the observers are obliged to conform to certain regulations, to observe at regular hours, never omit an observation, and twice each day telegraph a report to the Central Office.

The telegraph reports contain the following information: The height of the barometer (reduced to sea level

in order that all stations shall be comparable), the temperature of the air; the weather; the direction and velocity of the wind, clouds, and rainfall, if any. These reports are forwarded from Toronto to the U. S. Weather Bureau at Washington, which bureau, in exchange—there is complete reciprocity in the weather reports—supplies the Canadian service with some 50 or 60 reports from various parts of the United States.

A very comprehensive meteorological chart is thus provided twice each day on which to base forecasts. The observations are everywhere taken at about 20 minutes before 8 o'clock morning and evening 75th meridian time, the instructions being that reports shall be filed at the telegraph office at the exact hour. At 9.45 the weather map is usually ready for the forecast official to issue bulletins.

Now, as to these forecasts, experience combined with a natural aptitude for the work, has to the present time been found to be the chief essential for successful forecasting. The opinions formed are for the most part empirical, but they are not wholly so; thoroughly scientific methods are aimed at, and the probable effect of dynamical laws carefully considered.

The problems to be solved in meteorology, considering the subject in a general sense, as well as with regard to the improvement of the daily forecasts, are numerous and intricate; unknown quantities abound; we are living at the bottom of the atmosphere; not all this bottom has been explored, and its ever-changing conditions as regards temperature are kaleidoscopic; then again it is only but a few sporadic attempts that have been made to sound the atmospheric depths; to provide data for the solution of kinematics and mechanics. Why do not our universities assist? It cannot be that the subject is unimportant. It must be evident to all that a knowledge of the laws which govern climatic changes and the daily weather changes would be of incalculable value. Is it as Dr. W. N. Shaw, M.A., F.R.S., suggested in his address this autumn as president of the section of cosmical physics in the B. A. A. S., that the problems to be solved are most involved, and the reward of success probably small, while other paths of research may lead to wealth? He says: "And how does our academic organization help us in this matter of more than parochial or even national importance? There was a time when meteorology was a recognized member of the large physical family, and shared the parental affection of all pro-

fessors of physics; but when the poor nestling began to grow up and develop some individuality, electricity developed simultaneously with the speed of a young cuckoo. The professors of physics soon recognized that the nest was not large enough for both, and with a unanimity which is the more remarkable because in some of these academic circles utilitarianism is not a condition of existence, and pure science, not market value, might be the dominant consideration—with singular unanimity the science which bears in its left hand, if not in its right, sources of wealth beyond the dreams of avarice, was recognized as a veritable Isaac, and the science wherein the fruits of discovery must be free for all the world, and in which there is not even the most distant prospect of making a fortune—that science was ejected as an Ishmael. Electric engineering has an abundance of academic representatives; brewing has its professorship and its corps of students, but the specialized physics of the atmosphere has ceased to share the academic hospitality. So far as I know, the British universities are unanimous in dissembling their love for meteorology as a science, and if they do not actually kick it downstairs, they are at least content that it has no encouragement to go up." All this is equally true of Canada as of England, indeed it is doubtful whether in Canada the "kicking downstairs" treatment will satisfy, and this notwithstanding the fact that no meteorological forecasts published in any country show a greater degree of accuracy than those issued in Canada, and it is doubtful whether any other Meteorological Bureau enjoys a larger measure of the confidence of those interested in commerce than does the Canadian.

Meteorology has not made an altogether satisfactory progress during the past twenty years, but observations have increased and multiplied, and good data now exist for testing theories. A little over a year ago Dr. Arthur Schuster actually suggested that observations might probably with advantage now cease for a few years, but, as Dr. Shaw points out, it is not fewer observations that are necessary; our present need is of more men and women to interpret them.

An almost certain connection has been shown to exist between solar activity, as evidenced by sunspots and prominences, and terrestrial magnetism and the aurora. That meteorological changes are consequent on a varying solar activity can scarcely be doubted, and, indeed, some good progress has already been made in investigating along these lines.

The meteorologist has no cause to doubt that his special subject will one of these days hold such a place among the sciences that our academic institutions will be glad to assist in the investigations carried on at a central meteorological bureau, and reap such advantages as may accrue from affiliation with a great scientific bureau supported by the Government.

INCIDENTS IN A WESTERN MISSION FIELD.

It was necessary to spend a night in Stopovertown. There seemed to be but one vacant room in the hotels. I was asked to share it with another traveller. I prepared to do so, but soon discovered from his conversation that he was a globe-trotter, and for several weeks had been working for the C. P. R., and sharing a box car with seventeen Galicians, Doukhobors, etc. I sought refuge at the rectory.

Mr. Blank's name had been given me as that

of an earnest church worker. I spotted him, and on approaching found him violently swearing. On my being introduced to him he said, "How d'ye do? I am blank glad to meet you." He afterwards joined the choir.

One of my first visits was at a shack 12x8 feet, to which the owner, on his marriage, had added a "lean-to" 7x8 feet (the rack on which he drew hay was 18x8 feet). My hosts kindly offered me entertainment for the night, and having filled a "tick" with straw, made for me a "shake-down" on the floor. I had hardly room to stretch myself, but being very tired, I did not notice even the clock tick till 4.15 p.m., when I had to rise to permit of breakfast being prepared.

I called on "Major" Smith. There I met a friend, and we both accepted an invitation to dinner. Jack put on a fire while the "Major" dug the potatoes. Dinner was soon ready. Jack and I sat on the "bunk." I had a tin plate and cup, with the regulation knife and fork. Jack used a dipper and a butcher knife. The Major used a porcelain cup and a pocket-knife. We thoroughly enjoyed our meal of home-grown bacon, new potatoes, home-made bread, tea with condensed milk and sugar from a three-quart pail, strong onions and radishes.

A bachelor entertained me over night. Some time after retiring he said, "Well, parson, how are the blankets?" "Quite comfortable," I replied. "I am glad," said he. "You see, I have had them for five years, and they have never been washed. I'll hang them out for a day or so when the frost comes."

I was innocent enough to betray the fact that I possessed a kodak. Invitations to photograph "outfits," houses, families, and especially babies, poured in. One day a thresher accosted me with, "You take 'snaps,' do you not?" "Yes, for my own amusement," I answered. "I thought so. Well, come out and take a photo of my outfit." "I'm sorry," I replied, "but I have only a week longer here." "Oh, any time within a week will do." "But I am very busy." "Well, its only six miles out, and there's lots of money in it for you." With difficulty I persuaded him that I was not in business. As I went up street a voice called out: "Say, do you take photographs?" I gave the usual answer. "Well, I'll come round some day when I am not busy." I assured him it would be useless, as I was not a photographer. He said, "I have seen some of your work, and it will do." I passed on in despair.

That afternoon I made a call. Little Maggie came in and her mother explained: "Maggie has an ulcerated—" or some other deadly disease. "An operation will be necessary! For it we must give her chloroform. How dreadful if she—should not recover! Would you be so kind as to take a photo of her—just one?" I assured the anxious mother of the skill of the local M.D., and of the evil spectre a photo taken under such circumstances would surely awaken, and expressed the hope that Maggie would soon recover.

On my return home that evening a message awaited me. "Our little girl is very ill. She is not likely to recover. Will you please come out and take a photo of her?" As I was a friend of the doctor, I declined the invitation.

I found an egg in my horse's manger. A small boy who was with me said: "That just looks like our old hen's eggs. I'll take it home and show it to mother. If it is not ours I'll fetch it back."

Each of the original settlers was nicknamed. Some names were particularly appropriate, viz.: Big Bear,

Sitting Bull, Pontius Pilate—the local magistrate—Oscar Wilde and Queen Bess.

OXFORD ATHLETICS.

If the sign of equality were inserted between the words "Oxford" and "Athletics," the formula might well express the impression that is made upon one going into residence there for the first time. Perhaps it is because athletics is the "open sesame" to acquaintances in Oxford—certainly in this branch of college life an Englishman, contrary to tradition, will come more than half way in forming associations. A neophyte's first week "in college" is taken up by a succession of visitations from the powers that be—*not* the dons, whose authority is as yet slumbering, but the chief members of the college eight, fifteen, and eleven—they are the three main delegations; if to these a man seems unpromising, the interest in him dies away. After a respectable lapse of time, he is called upon by the track, hockey and golf delegations, and still if no ray of hope is discovered by them, he may be consigned to the representatives of the Mugger Ugger (or Musical Union), to do with him what they will—and this is sure to include an initial subscription of £5.

This is fairly typical of how a man's status in the Varsity is primarily determined. If he is nothing athletically, it takes him a term or two to demonstrate that he is anything in any walk of life. A man's athletic record comes before him from his school, and if up to the present no record is extant, it behooves him to make one in the college as soon as possible. And he may start with the encouragement that the man who makes an honest effort is almost sure to find himself representing the college at some kind of sport.

The only thing quite unforgivable in college life is not to try, and the sentiment has very beneficial results. Daily at 2 o'clock, from every staircase come men in rowing or football togs, some looking like Greek Olympians, others of the most unpromising appearance, ill-favored mortals who in this country would never dare expose their contour to their fellows. In half an hour the college is deserted, and until the time comes for tea-brewing no human soul is seen about the quadrangle save the scouts and their near relations.

Rowing is the sport par excellence of the Varsity. Every one is given a trial on the river during the first two weeks of term. A long list of names is posted in the lodge, and opposite each name the time at which the victim is to be "tubbed." Day by day the list becomes smaller, until finally only a score of names survive. These men make up the two boats for "the torpids," the races held near the end of the Easter term, and those who prove themselves worthy are given a trial in the college eight, when summer comes.

The rowing man is such a superior kind of animal that for him alone "a training table" is established in Hall. Here double portions of beef and beer are consumed, and as a result a double portion of patience is necessary at the head table, to put up with the animal spirits that such indulgence arouses. Yet the lot of the rowing man, when actual training starts, is not a happy one. Regardless of the weather, he must rise at 6.30 a.m., and trot about the parks for half an hour or so, improving his wind. Twice a day, at breakfast and dinner, he accomplishes a most stupendous meal, but a very sketchy lunch atones. From 2 o'clock until half-past

4 or 5, he is worked on the river as mercilessly as any galley-slave, and the skin is soon missing from sundry parts of his anatomy. Before each day's training, his weight is taken, and if it shows a falling off, his companions become extremely assiduous in their attentions to him at meal times. By 10 o'clock all rowing men are in their bunks, and their beauty-sleep is jealously guarded; woe betide the reveller who disturbs a rowing man!

"Eights Week" is the greatest week of the year from the undergraduate standpoint. The city is full of sisters, cousins and aunts—collectively dubbed "does" by the overweening undergrad. For six days out of the week they troop down to the river to watch the eight best men of the various colleges strive for "bumps." The narrowness of the river makes rowing abreast impossible, but produces the inspiring sight of a pursuit race, with a dozen boats engaged in it.

Before the start, the eights are moored along the banks of the Isis at intervals of a length and a half, with the last boat quite close to Ifley Mill. At gunfire, the smooth-running river is lashed into foam, as the eights dash from the bank. At the same instant the hundred or so "runners" who accompany each boat along the row-path—rooters, we would call them—send forth deafening yells of encouragement or advice—"Well rowed, indeed!" "Keep it long!" "You're going up." "Use your legs!" Then as one boat pulls up on another, rattles, horns and whistles announce the fact to the gaining oarsmen. But the official intimation comes from the responsible person who discharges the pistol—once when the pursuing boat is within a length, twice for half a length, and three times for overlapping. When one boat succeeds in touching any part of the boat ahead of it the "bump" is achieved, and both crafts pull to one side of the river to avoid holding up the boats that follow. If any one boat succeeds in making four bumps or more within the week, the college is entitled to a bump supper, the crowning glory of "all eights" week festivities.

The Varsity eight is made up of the best men from the various college crews. As a rule a score of men are chosen in the Michaelmas term, and two trial eights are formed. The Varsity boat emerges in fairly definite shape at the beginning of the Hilary term, and a very severe system of training is begun. A couple of weeks before the great race the training quarters are moved down the river to get the crew accustomed to the rougher waters of the lower Thames, and to make them familiar with the weather conditions which prevail over the four and a quarter mile course between Putney and Mortlake. The race itself is regarded as a more important event than any other inter-Varsity contest, but, like all the rest, it takes place at the beginning of a vacation, and for this reason is not so great a feature in rowing circles of undergraduate life as either the "eights" or the "torpids."

Some points of comparison with our home institution may not be out of place.

Rowing may be taken as a typical branch of the Oxford system of athletics. In every variety of sport—football, cricket, or hockey—the same procedure is in vogue; a man must represent his college before he plays for the Varsity. At Toronto University there is a very slight analogy during the football season, in the Mulock Cup series, but the whole point of it is spoiled on account of these matches being played after, instead of before, all the important events. The Oxford idea would be to make this a series with no "sudden death" matches, and to have it begin very early in the autumn. If all the

colleges in affiliation with the University would enter one or two teams each, the series would be sure to bring out many new and promising men that now pass unnoticed, for the prospect of gaining a place on the Varsity team later in the season would be a tremendous incentive.

The fact that the rules prevailing in the Mulock series differ from those of the Intercollege Union is at present the great objection to this change, but surely common sense suggests the removal of this barrier as soon as possible. The adoption of the football rules that are used throughout all parts of the British Empire, except Canada, seems to be the only safe and efficient way of settling the difficulty. The testimony of those Canadians who have lately toured the British Isles should carry weight; anyone, they say, who has ever played the game there can never be persuaded that any other kind of football is worthy of comparison with it.

Such a change would soon make it possible for Canadians to take creditable part in struggles with the best football teams of the Empire, and it is quite within the range of possibility that an all-Canadian team should some day stand pre-eminent in the "football world."

R. B. Fudger.

Brasenose College, Oxford.

BEGINNING LIKE A MAN!

"Well begun is half done" is not the whole truth, as every man who has started and again and again stumbled knows quite well. But it is a half truth, which is the whole truth for many men standing on the threshold of college life. With most of them, the seed of all later experiences is in the experiences of the first few weeks or days or hours. Some men will make acquaintances on the train, or in the first few minutes after reaching their college town, which will determine their friendships all through college. Many men will hold principles in abeyance for a while which will never again, in consequence, be as firm and solid principles as before. Others will assert their convictions at once, and as a result their convictions will double their power. The first steps will be the determining ones.

We may deny this or complain of it. Men say, "Oh, we can change at any time we will." But they cannot, or if they can change when they will, they cannot will. It amounts to the same thing in the end. It is impossible to start out on a course without finding it easier to pursue that course than to change to another. This is the law of habit. Let a man begin his college course by acts of negligence in his spiritual or moral life, and he will find some day that these acts have grown into habits, however small and unimportant they may have appeared. "For the diminutive chains of habit," said Dr. Johnson, "are seldom heavy enough to be felt until they are too strong to be broken." Men may chafe at this. They may say that it is not fair that first steps should be so important; that one step should be no more determining than others. But it is a law of destruction in character just because it is the law of creation as well.

The beginning is the determining thing always. A man is trout-fishing along a brook and has to pass through a clump of forest. His rod reaches out before him ten feet. What marks his course? The course of the tip of his rod. Where he pushes that tip he follows. He may not push it between a fir and a birch and he himself follow two feet to the right between a spruce and a maple. His path is marked out for him by the course he chooses

for the tip of that rod. It is so when a man enters college. He is throwing choices ahead of him all the time, and he follows them. The only way to escape is to rupture his life, and the rupture of a badly chosen life is a possible thing; but it is difficult, and it is far better to lead a life that needs no rupture or catastrophe to rectify it.

Men easily slur this truth over and forget it when they cannot deny it, or they bury it under some devil's proverb about wild oats at the start and soberness afterward. There is no more justification in starting wrong in college with the purpose of afterward doing right than there is in life. What Ruskin said to military students of the folly of one applies equally to the other: "And now, remember, you soldier youths, who are thus in every way the hope of our country, or must be if she have any hope; remember that your fitness for all future trust depends on what you are now. No good soldier in his old age was ever careless or indolent in his youth. . . . I challenge you in all history to find a record of a good soldier who was not grave and reverent in his youth. And, in general, I have no patience with people who talk about the thoughtlessness of youth indulgently. I had infinitely rather hear of thoughtless old age, and the indulgence due to that. When a man has done his work and nothing can anyway be materially altered in his fate, let him forget his toil and jest with his fate if he will; but what excuse can you find for wilfulness of thought at the very time when every crisis of future fortune hangs on your decisions? A youth thoughtless, when all the happiness of his home forever depends on the chances or the passions of an hour! A youth thoughtless, when the career of all his days depends on the opportunity of a moment! A youth thoughtless, when his every act is a foundation stone of future conduct and every imagination a fountain of life or death! Be thoughtless in after years rather than now—though there is only one place where a man may be nobly thoughtless—his deathbed. No thinking should ever be left to be done there."—Robert E. Speer (*The Intercollegian*).

Y. M. C. A.

We are exceedingly glad to be able to announce that Rev. Dr. Patterson, of Bethany Church, Philadelphia, formerly of Cooke's Church, will address our Thursday meeting this week. Dr. Patterson is widely known as one of the ablest preachers the Canadian pulpit has produced. No one, therefore, should miss this opportunity of hearing him.

The Medical Association held its first meeting on Friday morning last. Dr. McPhedran delivered a helpful address, in which he said that the Association should be entirely non-partisan, but should be fearless in its endeavor to make clean, straight living the aim of every college man. Time spent in the accomplishment of this end was time well spent.

Mr. Thornton B. Penfield, the travelling secretary for the Y. M. C. A. in theological seminaries, has been with us for part of this week. Mr. Penfield's mission was to secure delegates from the seminaries of Toronto for the convention of theological students to be held in Rochester next month.

The tickets for the second of the University sermons will be issued this week, and may be obtained from the secretary of the Association.


WEEK BY WEEK


How many of us know the relation of the numbers of the members of the different faculties to the numbers of the students? Stroller ventures to believe that few would come near the mark if asked to guess. Taking the 1903-04 Calendar as a basis of calculation, we find that last year there was in Arts one instructor to every eleven students; in Medicine one to nine; in Engineering one to sixteen. In these three faculties of the University there was one instructor to every eleven students. As we assemble in large classes each day we seldom realize what a large staff is necessary to impart to us the wisdom of the past. The proportion of instructors to students in the important universities of the United States is both higher and lower than it is here. The University of Toronto travels, in this matter, a middle course. Johns Hopkins University has one instructor to four students; Yale, one to nine; Columbia, Harvard, Northwestern and Pennsylvania, one in ten; Princeton, one in thirteen; Michigan, one to fourteen, and Missouri and Wisconsin, one to fifteen. We hold a place, therefore, between the four Universities of Columbia, Harvard, Northwestern and Pennsylvania, which have one instructor to ten students, and Princeton with one to thirteen.

* * *

Our Library is, generally speaking, managed with a view to the necessities of the students, and the greatest good to the greatest number, but occasionally there is reason to make, at least slight, complaint. At present the regulations governing the use of some of the seminaries are not satisfactory. When a student presents a request to the Librarian from his professor that he be allowed to use the seminary assigned to his department he is confronted with a demand for a deposit of two dollars. If he asks why he must make this deposit, he is told that there are books in the seminary (as, of course, there should be), and that this deposit is to cover a possible loss. In plain English, this means that a limited number of students (say twenty) of the Fourth Year cannot be trusted. It means that the students will probably steal about forty dollars' worth of books during the period in which they are using the seminary. This is not fair. Stroller feels certain that no student of the Fourth Year or any other year would steal any of the books. As a matter of fact, books may be more readily stolen from the reference shelves in the main reading room any day in the week. Stroller knows that books have in the past vanished from these reference shelves, but if a large number of books can be trusted to the general student body and to the public in the reading room, much more can they be trusted to a selected, small number in the seminary.

This deposit of two dollars is vexatious and annoying to the undergraduates. They already pay a library fee, which is supposed to give them all the privileges of the Library; the Calendar tells them that they may use the seminary, but they find that they must tie up two dollars more for this privilege. The sum, you say, is trifling. By itself it is, perhaps; but it must be remembered that the student has many calls upon what is as a rule a slender purse, and to deposit two dollars for the

use of a seminary means that the student is deprived of just so much money, and is inconvenienced to that extent.

Stroller believes the policy should be modified for two other reasons: First, the student has already paid for the use of the books in the seminary. Secondly, it is found that every year as the University grows, the number of readers in the main room as steadily increases. Last year there were times when there was a condition which might almost be described as congestion, and at such times the ventilation is no more than adequate. As a matter of fact the main room was at times oppressively hot, and the air was what is commonly termed "stuffy." Anything that will reduce the number of readers there would be welcomed by the students, and the freedom of the seminaries to Fourth Year students, subject, of course, to a special enrolment, as at present, would assist in this matter. Lastly, I see no reason why one student should be made to suffer, if (which he thinks extremely unlikely) thefts should occur. The present policy puts a premium on stealing. If I am not to lose when a book is stolen by another, I must protect myself by stealing a book worth two dollars, as my deposit will be retained to make good the book stolen by another.

Stroller.


NOTICES


All matter for this department must be handed in, signed, before Monday at 9 a.m.

The first regular meeting of the Natural Science Association will be held in the Amphitheatre—northeast wing of the Biological Building, Thursday, Nov. 5th, at 4.30 p.m. The President, J. H. Faull, B.A., will deliver an address on "A Nineteenth and a Twentieth Century Conception of the Flower."

The Executive of the Union extend to the First Year students of the different faculties an invitation to an informal smoking concert in the rooms on the evening of Friday, Nov. 6th. A light programme will be presented, and refreshments will be placed within reach of the guests. It is hoped that a large number of the new students will accept the invitation.

The date for the regular Union Reception of the fall term has not yet been decided upon, but it will probably take place before the end of November.

There will be a meeting of the Editorial Board of THE VARSITY in the Undergraduate Union on Wednesday, Nov. 11th, at 5 p.m. It is to be hoped that every member of the board will be present. Important business will be discussed.

The Editor is regularly in receipt of anonymous articles and notices. It should be unnecessary to say that all matter for publication should be signed or come through one of the staff correspondents. The signatures are necessary, not for publication, but as a guarantee of authenticity.

THE GYMNASIUM.

The Gymnasium classes have now started. Prof. Williams is in the Gym Mondays, Wednesdays and Fridays from 4.30 to 6 p.m. Instruction is given in apparatus, dumbbell and track work. Every assistance to beginners. Special hours are set apart for sparring and fencing classes. Those wishing further information should apply to R. Biggs, President, or F. J. Brodie, Sec. Gym Club.

THE VARSITY,

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W. H. VANCE, Editor-in-Chief.
T. B. McQUESTEN, Business Manager.

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Conservatory of Music—E. Hardy.

Wycliffe College—M. H. Jackson.

College of Pharmacy, E. L. Taylor.

Representatives to be appointed from the other colleges.

TORONTO, NOVEMBER 4th, 1903

STRENUOUS and, generally speaking, successful efforts are being made to organize the alumni of the University of Toronto throughout Canada into associations which shall have for their aims the promotion of the best interests of *Alma Mater*, and the education of the public to appreciate the necessity of further support. With these efforts we are in hearty sympathy. We rejoice at the success attending them.

It is but fair, however, to assume that the reason why so much effort is necessary to organize our graduates is that they were not properly organized as undergraduates. If a proper University spirit had been cultivated in the latter it would not need so much nourishment in the former.

And here we naturally ask whether there is any improvement in this matter evident to-day, or shall we continue to drive the mill with water which has run past? There is grave danger that we may be so busy reclaiming the prodigals that we may fail to develop fully the sons at home.

We, as undergraduates, are expected to work for the University along the lines of her recognized policy. We are assured of the existence of great and imminent questions with which we may be called upon to deal. We hear of momentous issues, of crises. How many of us have been taken into confidence regarding these questions? How much do we know regarding the policy of the University and her needs aside from what we hear indirectly? It may be because experience has proved the wisdom of the words, "You are too young your powers to understand," or, as Prof. Cody said on Friday evening, "There is a danger of University men being treated as children."

We do feel that for some reason or other we are not in close touch with either the faculty or the governing

bodies of the University. As a proof of this it is only necessary to instance the confessions of popular and proficient professors that they *know* only three or four in their special honor departments.

We are sure that there are many men among the undergraduates who can be trusted with greater confidence by those who control the destinies of the University, and ought to be brought into closer touch with the faculty especially. Just how this may best be done we may venture to suggest on a future occasion. The accomplishment of it cannot but tend to develop us as individuals, knit the several units of the University more closely together, and result in permanent benefit to our combined interests.

HALLOWE'EN is again a matter of history. After the regrettable occurrences of last year, in which the students, while doing some damage, were blamed for much more than they were guilty of, and many innocent students suffered at the hands of over-zealous policemen, it was felt that, for this year at least, it would be well to omit the regular street parade. Nor is it right to suppose that this idea obtained in the minds of the faculty alone. It was general among the students, and both the faculty and the undergraduate body united in an effort to provide suitable entertainment at home. As a result, dinners or receptions were held in the several faculties. All agree that this has been a pleasant and profitable means of celebrating this historic night. The day of wanton destruction on the part of students is past. No longer will it be possible for others, under cover of our parades, to wilfully destroy property. We have invented a more pleasant and dignified manner of working off our surplus energy. For this we are glad.

OUR Rugby team has been successful once more. The game on Saturday was a splendid example of Toronto's staying power. Unless over-confidence creeps in, there is no reason to doubt her ultimate success. The conduct of the spectators exhibited a prominent present-day tendency—the disposition to applaud achievement and to remain silent on the unsuccessful issue of worthy effort. When Beatty punted or Baldwin made a phenomenal run, the onlookers were quick to show their appreciation, but when our score was not increasing and our men needed most encouragement, all were silent. This may be natural, but it is certainly not conducive to plucky up-hill work. We need organized roctino, which will be most hearty at critical moments rather than when some notable play has been made.

EXCHANGES

A man is known by the company he works for.—*Ex.*

Criticism is the price a man pays to the students for being a college professor.—*Ex.*

The punting of the Varsity halves, especially that of Beattie, was certainly remarkable.—*McGill Outlook.*

Toronto is to be congratulated on having a man like Gurney. His running was the feature of the Intercollegiate sports, and won the admiration of everyone.—*McGill Outlook.*

One hundred children were handed each a hot iron. Thirty-three boys and eighteen girls said "Ouch!" Twenty-five girls and ten boys said "Oooh!" Of the girls who said "Ouch!" seven had pug noses and one toed in. Thirteen boys of foreign parents said "ooch!" The conclusions to be drawn from this interesting experiment will be embodied in a book and published in the Practical Science Series.—*Life.*

Once more we are confronted with the "Freshman," who is by all odds the biggest problem in the colleges. Having been an oracle at the High School, he now discovers that he is largely a practical joke. He has been warned by cynical graduates what to expect. But he always gets a trifle fooled on the reality. He fully intends to be a evnie from the start, and comes armed cap-à-pie with criticisms. The first week convinces him that he is an academic "lobster," and very much at sea. The University is not just the High School writ large. It is a new regime. Its code of ethics is foreign. The mortar-board looms up on the horizon; also the Prince Albert and the plug hat. These are regarded as essentials by "Freshie," who has not yet learned the delectable dignity of calling professors by their pet names. Neither has he begun to observe that a very wise professor may choose to wear the same necktie from October till Christmas. He has himself been addicted to spasms of eloquence at the High School "Lits." Dismally he discovers that orations are now only permissible in Cicero and Demosthenes. None of the professors orate. If once in awhile one does in a fit of abstraction, he gets his period punctuated by the students. There is an evident atmosphere of good-humored cynicism all over Queen's Park. This is chilly. The Freshman writes letters home, in which he encloses some epithets and a few brief names. By the time he has gone through the preparatory "mill," wrestled with restaurant steaks and pie-crusts, jollied a few waiters, and delivered sundry epigrams at the landlady, he is ready to begin regular rehearsals on the college yell. This bothers him at first. He is like a young rooster leaning to crow. But once he has got it into his crop he is able thenceforth and forever more to give the walking nightmare to all other lodgers, inflict cold creeps on the landlady, and confer degrees on public men. Also, he becomes conspicuous in a midnight stroll at Hallowe'en.

We have received a neat booklet on "The Ethical and Religious Theories of Bishop Butler," this being the subject of the thesis submitted by W. E. Taylor, M.A., for his Ph.D. degree.

THE COLLEGE GIRL

MISS J. A. NIELSON, Superintending Editress.



The University College girls held their usual Hallowe'en frolic in the Y. M. C. A. Building. There was, however, a very remarkable innovation this year, for while

"Regardless of their doom,
The little victims play,"

the lights suddenly went out, and three ghostly forms glided through the merry chattering groups to the platform. After blood-curdling revelations, "Everyman" among the innocents was singly surnamed before the ghostly tribunal, and solemnly warned. But after the mysterious disappearance of these ghostly visitants, the feasting and dancing began afresh, a signal proof of the inaccuracy of the view that fear is the strongest motive of humanity. The gathering, however, broke up early, as the girls had heard it was a specially dangerous night to be abroad, and considered discretion the better part of valor.

The Triennial Convention of the National Council of the Y. W. C. A.'s of Canada, which was opened on Oct. 29th, has been a pronounced success. The programme planned by the Council has been fulfilled almost to the letter. The number of delegates from eastern and western city and college associations has surpassed the expectations of the Council, an evidence of the ever-widening interest in this work. Some of those on the platform were, Mrs. T. M. Harris, President of Dominion Council; Mrs. Stevenson, Vice-President for Quebec; Mrs. M. E. Sangster, "every girl's friend," Miss Wilson, New York; Sir Algernon and Lady Coote, Queen's County, Ireland; Mrs. Gladding, New York; Mrs. Plumptre, Miss A. C. MacDonald, B.A., National City Secretary; Miss S. Little, B.A., National Student Secretary; Miss Blackburn, Treasurer, Ottawa; Dr. Elmore Harris, and Mr. J. R. Mott, names well known in association work. At the Thursday evening session addresses of welcome were delivered by Mayor Urquhart, in behalf of the city; Rev. Dr. Cleaver, for the clergy; President Londen for the universities, and Mr. Pratt for the Y. M. C. A., of Toronto.

One need only hear the addresses of these earnest men and women to be impressed with the importance of this great work.

The reports of the various secretaries were sufficient to inspire the greatest hopes for the future of association work. Those who know most about the work are most confident that the Y. W. C. A., is doing the work it has undertaken—the development of the young womanhood of our land physically, mentally and spiritually.

HALLOWE'EN

UNIVERSITY COLLEGE.

A company of Senior Arts men, numbering some sixty in all, dined together at Webb's. Never before in the history of the class had so many of its members sat down together around the festive board, and the evening spent in each other's company has good reason to be considered the pleasantest in the annals of 1904.

Dinner was served shortly after 8 o'clock, and an hour and a half later Mr. Dix, President and toastmaster, called upon the class to drink to the health of His Majesty, King Edward. The toast was given to the accompaniment of the National Anthem. Mr. McIntyre proposed the toast to "The Empire," to which Messrs. McKee and Creelman responded. "Alma Mater" was given by Mr. Vanston, drunk to the Toronto yell and the rousing chorus of "The Blue and White," and replied to by Messrs. McGregor and Overend. Mr. Montague, in his eulogy of athletics, was supported by Messrs. Ballard, Gilchrist and Parker. The speakers thought that, "though we are rather slow on skates," we had taken our part with a will in other branches of sport. "The Class" was in good keeping in the hands of Mr. Vance, who concluded a thoughtful speech by reading a message to the class of 1904 from "our one and only poet, Sardonius." Noughty-four gave "Boom-ke-chink" and quaffed lemonade; and Messrs. Dix and Baird replied briefly.

The class orator, Mr. A. M. Ross, proposed the health of the ladies with great gusto, and gentlemen well qualified to speak on the subject responded. Their names must go down to posterity—O'Leary and Workman.

Messrs. Thornton and Andrews rendered vocal, and Messrs. Collins and Foulds instrumental solos, at intervals during the evening. In accordance with precedent, everything was encored, Mr. Andrews' second song, "In It," fairly bringing down the house.

Mr. Vance moved a vote of thanks to the committee, consisting of Messrs. O'Leary, Creelman and McKee, and the singing of "Auld Lang Syne" brought the evening to an end.

The Freshmen took the men of the Sophomore class in hand Hallowe'en night and entertained them with an oyster supper.

About one hundred and thirty in all sat down to the feast, and to say that every man enjoyed himself puts it mildly. The Sophomores demonstrated the fact that they are as accomplished in the art of oyster eating as in the art of giving advice to the Freshies.

W. S. Verrall, President, '07, occupied the chair. On his right Principal Hutton was seated, and President Gibson, '06, occupied the chair to the left.

The toast of "The King" was responded to most heartily by all singing the National Anthem. "Our Alma Mater" was proposed by President Gibson. Mr. Blue, '06, and Mr. Cameron, '07, gave most appropriate replies. "Our Guests" was proposed by the chairman, and replied to by Messrs. Duncanson and Buchanan.

Mr. Lazenby, '07, in a remarkably well chosen address, proposed the toast to the Faculty, and Principal Hutton responded in a very interesting address.

Mr. Shearer, '06, proposed the toast to "The Freshmen," and was very happily responded to by Mr. Baird for the Freshmen.

Messrs. Sweeney, '07, Gray, '06, toasted "Athletics."

Last of all Mr. McElheran, '06, showed his deep interest in the weaker sex by proposing a toast to the Freshettes. Mr. Weatherall replied.

MEDICAL FACULTY.

The annual Hallowe'en entertainment and supper for the Medical students was held as usual in the Gymnasium, the men being the guests of Dean Reeve, the Faculty of Medicine and the President of the Medical Society. The elections to the Dinner Committee preceded, the pools being opened at 5.30 and closed at 8.15. For nearly three hours the canvassers worked might and main, using all the influence of their voices and even rubbing it into the heads of those apathetic to less violent means. There were no free smokes distributed before the voting, but a liberal supply of cigars and cigarettes had been provided from a common fund raised by the candidates with which the electors were treated when their ballots had been deposited.

The entertainment was presided over by Vice-President McLure who made a capital speech to begin with. The musical programme consisted of songs by Messrs. Wickett and Snider, a mandolin solo by Mr. J. J. Cameron, and a piano duet by Messrs. Clarke and Cameron. Professor Walker gave an illustrated lecture on British India, based upon his experiences in the wilds of that country as an officer of a Government exploring expedition. It was unfortunate that there was a time limit on this address, as it was full of interest from beginning to end. The means of transportation included everything from the elephant to the coolie, and down to the yak and even sheep and goats. The roads were enough to make an S. P. S. engineer ache to improve them. The same engineer would have seen pictures of the cantilever and suspension bridges in the most primitive stages of their evolution had he been present. The people, too, were of all sorts, from the Rajah in regal attire to servants in gaudy liveries, and away below that to Mowgli's mankind pack in the jungle. The belle of the jungle was not exactly ravishing in her beauty, but a look at her father made one realize that the poor girl couldn't help it. The result of a successful tiger hunt was shown in the last picture.

Professor Sheard addressed the audience on the Medical Student—his life, character and opportunities, and the physician's work and influence. It was his first appearance before a majority of his hearers, but he established himself as the orator of the faculty without a rival. He made the students feel that in electing to study medicine they had chosen the highest calling possible, and that the self-sacrificing life of the general practitioner was ideal.

The Dean and Professor Rudolf spoke briefly, and supper was served. This was so nicely timed that it had just ended when President Sheahan entered with the list of successful candidates. This was as follows: President of the Dinner Committee, Mr. George Shaw; Vice-President, Mr. Geo. Ford; Second Vice-President, Mr. Smythe; Representatives to Sister Institutions: McGill, Mr. Mogan; Buffalo, Mr. Frayleigh; Varsity, Mr. Adams; Victoria, Mr. Wilson; McMaster, Mr. Barber; Trinity University, Mr. Berwick; Queen's Mr. Eakins; Bishop's, Mr. Hughes; London, Mr. Swanston; Osgoode, Mr. Lancaster; Dental College, Mr. McKinley; S. P. S., Mr. Cruickshanks; Knox College, Mr. Reid; Graduates' toast, Mr. Durnin; Ladies' toast, Mr. McMillan; Freshmen's toast, Mr. Kerswell.

At 11 o'clock a vote of thanks was tendered the hosts, and the happy gathering dispersed.

COLLEGE OF PHARMACY.

A good representation, both of the faculty and students, appeared at the Princess Theatre on Hallowe'en. The College colors were well displayed, and all had a very enjoyable time. After the show the majority of the boys gave the police some exercise by leading them on the run around half a dozen blocks, pretending there was going to be "something doing." After the joke was well played, the police were allowed to go, and the boys went home much pleased with their romp.

DENTAL COLLEGE.

Hallowe'en of '03 will probably mark the innovation of a different manner of spending that evening as far as the Dents. are concerned. This year the students, with many of their lady friends, accepted the generous invitation of the Dean to an entertainment at the College, which proved to be a most enjoyable affair.

The College throughout was brilliantly illuminated and decorated for the occasion. The large lecture room had removed from it all indications that it had ever been used for lectures, and was tastefully decorated with College colors, strings of apples and illuminated pumpkins, representative of Stratton, Gamey and the judges. Needless to say, these last-mentioned afforded considerable amusement.

The early part of the evening was taken up with an illustrated lecture by Mr. Frank Yeigh, his subject being, "The British Empire." This was acceptably interspersed with a good musical programme, Miss Davidson's solos and the selections of the College Quartette receiving well-merited applause.

This portion of the programme completed, all so inclined adjourned to the College infirmary, where dancing was participated in for the balance of the evening.

SCHOOL OF SCIENCE.

The School's Hallowe'en celebration was certainly a success. The election of representatives to the different College functions occupied the early part of the evening, after which the programme arranged by the committee commenced, with Mr. McFarlane as chairman. The programme consisted of musical numbers and athletic competitions. Messrs. Gardner, Chase, Richardson, Trimble, McVean, Wilson and Frailek contributed to the musical entertainment, but the hit of the evening was the rendering of "He Rambled," by Messrs. Smithers and Tait. This, by the way was their first effort in public.

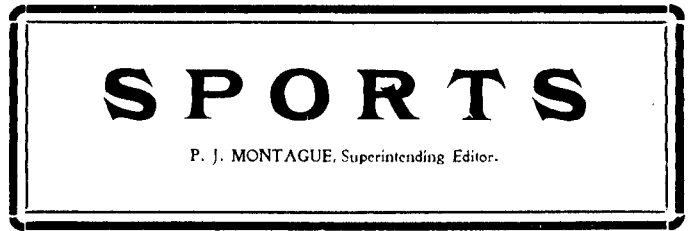
The boxing bout between Messrs. T. Loudon and F. Loudon excited great applause, as did likewise the paper fight of Messrs. Campbell and Strathy. Messrs. Gagne and Smart gave a clever exhibition of fencing.

About 10 o'clock Prof. Galbraith suggested that it was time for refreshments. Everyone took part successfully in this very important part of the programme. Even the faculty did their best.

The cake-eating contest, in which the entries were only restricted by the number of cakes, resulted in a win for Mr. Frailey, who, it is said, holds the long distance championship. If the cake had been all icing, "Andy" Gray would have surely been inside the money.

The very pleasant entertainment closed at midnight, when three cheers were given for Principal Galbraith and the rest of the faculty, who had so kindly borne all the expense in connection with the evening.

The committee in charge of the celebration are to be congratulated on the success of their undertaking.



C. I. R. F. U. STANDING.

Teams.	Won.	Lost.	To play.	Pts.
U. of T.	2	0	2	4
McGill	1	1	2	2
Queen's	0	2	2	0

THE WEEK'S SCORES.

U. of T., 19; Queen's, 7.
 McMaster, 10; Queen's II., 6.
 Ottawa City, 11; Montreal, 6.
 Hamilton Tigers, 27; Torontos, 10.
 Victorias, 3; Peterboro, 1.
 Hamilton Tigers II., 22; Guelph A. C., 22.
 Kingston Limestones, 26; R. M. C., II., 1.
 Upper Canada, 8; St. Andrew's, 6.
 Ridley, 22; Trinity College School, 0.
 Harbord C. I., 10; Jameson, 2.

U. OF T. 19, QUEEN'S 7.

The Senior team strengthened their claim to the C. I. R. F. U. championship by defeating Queen's last Saturday in a game which in the last quarter was very sensational. For the first half and for part of the second the team seemed to be partly asleep, but when they did wake up they did things. Beatty started the sensational finish by a high free kick, which Lopy Young grabbed, in spite of the Kingston backs. Then Jermyn got a try, and Casey Baldwin, by a wonderful run, practically got another, for he got within a yard of the line, and the scrimmage bucked over.

The Kingston team had quite a number of supporters in the stands, but in the opinion of most people they received most encouragement from the officials. These men may have tried to do the right thing, but appearances were certainly against them. U. of T. didn't seem to get the same show as the Presbyterians until well into the second half.

For U. of T. the whole team played a good game. The back division was as reliable as usual, but they didn't have much chance. The Queen's aggregation wouldn't let the ball get into their hands if it was possible to keep it out. Queen's generally kicked into touch. Bob Pearson, Younge and Pannell were ruled off at different times. A couple of Queen's men were hurt, and also Housser, Baldwin, Burnham and Jermyn. The first three were forced to retire.

U. of T. won the toss, and kicked south. The game started with some open play, the half-backs evchanging long punts. Then Queen's was given a free kick, which Beatty marked, and returned with a free. Bob Pearson was put off for five minutes. For offside work on U. of T's part Queen's was given another free kick. Beatty

returned it again. Beatty made a long pass to McPherson, who got it all right, but was tackled too soon. For breaking the rules both teams were now penalized by a couple of free kicks. From a throw-in U. of T. got the ball, but lost it to Queen's, who gained forty yards by a free kick. U. of T. got offside, and Queen's was given a free kick, and they kicked over for one. Score, 0-1. On resuming play, Queen's was offside, and U. of T. got a free kick, which went back about half the distance into touch. From the scrimmage which followed Simpson, the Queen's half-back, got the ball and went over for a try, which wasn't converted. Score, 0-6. Burnham was injured and replaced by Cochrane. The score seemed to waken the home team some, and Laing and Beatty tried some running. Queen's tried to dribble across, and Simpson got the ball near our line, but lost it for offside interference work, which was very easily seen. Beatty got in a beautiful run, and scored a try, but the officials said he had stepped into touch while running, and called the ball back. The spectators on that side say that Beatty did not go into touch. The Queen's team continually kicked into touch for the remainder of the half. They apparently were afraid of the kicking and speed of our halves. Their own halves were nothing extraordinary.

During the half time intermission Shepherd, the crack U. of T. miler and half-miler, tried to lower his own record of 4.39 4-5 for the mile, but did not succeed in doing so, although he came within a fifth of a second of his record.

Queen's wouldn't kick the ball the necessary distance at the start of the second half, and U. of T. was given the ball. After a little punting and open work, the scrimmages began to go gradually towards the U. of T. goal. When the play reached U. of T.'s five-yard line a good example was given of the kind of football which is at present the choice of the C. I. R. F. U. For nearly five minutes the ball remained within a radius of five yards. First Queen's would have it, and then U. of T. Both teams held the ball closely, and tried bucking altogether. Finally Beatty got in a good kick and sent the ball well into touch. Queen's kicked from the scrimmage and it was returned. Queen's were playing offside continually, and the referee noticed it at last and gave U. of T. a free kick. Beatty gave the ball a good start. Queen's caught and returned. Baldwin, usually an almost infallible catch, muffed, and although Laing got the ball before the Queen's man did, he was forced to rouge. Score, 0-7. Young, the U. of T. outside wing,

was playing a very strong game, continually getting through on to the Queen's scrimmage and quarter. The referee thought he was playing too strongly, and put him off, with the Kingston quarter-back as company. With fifteen minutes' to play, U. of T. took a sudden brace. Baldwin started the ball rolling by registering one for U. of T. Score, 1-7. Then from a U. of T. free kick Simpson ran until neatly tackled by McPherson. U. of T. got the ball, and Baldwin made a sixty yards run and kicked at the end of it; Queen's returned to Laing, who kicked over for a safety touch. Score, 3-7. The game now began to get rather interesting, and those who had conceded the game to Queen's began to take another look. U. of T. worked the ball up to Queen's end, and after a lot of scrimmaging Beatty was given a free kick. He sent it high, and when it came down behind Queen's goal Young collared it and put U. of T. in the lead. Score, 8-7. Soon afterwards Captain Beatty kicked over for another point. Score, 9-7. Five minutes for play were left, and Captain Beatty's bunch made the best of it. Beatty kicked to Queen's full, who returned to McPherson. McPherson did a little running and side-stepping and tried a drop, which nearly succeeded. Jermyn, following up with great speed, got the ball and made the score 14-7. Queen's, seeing defeat on the boards, began to adopt some different play. Young, of Queen's tripped McPherson when he was making good headway, and the referee didn't notice it. Housser was hurt and forced to retire. With two minutes to play, Casey Baldwin capped the climax of a sensational quarter hour's play by running from U. of T.'s ten-yard line to within a couple of feet of Queen's goal, and in the ensuing scrimmage U. of T. bucked over. Baldwin was hurt in this play, and was forced to retire. This run was one of the best and most sensational ever seen on the athletic field. The teams and officials:

U. of T.—Back, Laing; halves, Beatty, Baldwin and McPherson; quarter, Housser; scrimmage, Burwell, Johnson, Burnham (Cochrane); wings, Pearson, Davidson, Bonnell, Overend, Young, Jermyn.

Queen's—Back, Macdonnell; halves, Simpson, Strachan, Smith; quarter, Pannell; scrimmage, Platt, Donovan, McClelland; wings Branscombe, Patterson, Younge, Cameron, Harpell, Morphy.

Referee—S. M. Nagle. Umpire—F. W. Mohr, both of McGill University. Timekeepers—Dr. J. McCallum and J. T. Sutherland. Goal judges—Dr. Piper and Chaucer Elliott. Touch line judges—E. Malone and H. Burton.

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U. OF T. FRESHMAN GAMES.

The athletes of the different Freshman years had an opportunity last Saturday morning to show what they could do on the cinders. There were very few spectators in sight, but those that were present saw some exciting finishes. These tests have shown that, outside of a man or two, the class of 1907 is not particularly strong in track team men. Of course, Freshmen who were on the McGill team were barred in these games. There was no individual championship, but Acton, of S. P. S., made the best showing. He scored 17 points. Brieker came next with 14. S. P. S. came first as regards faculties' totals. The School of Pharmacy second, and the Dentals third. Brieker should show up fairly well next year in the jumps and vault. Harrison, with training, will do well in the high jump. The timekeepers were Messrs. Grant and Orton, and Dr. Hooper, Holt, Gurney did the starting. The following is the summary:

100 yards—1, Graham; 2, Acton; 3, Harrison. Time, 11 seconds.

Half mile—1, Vermilyea; 2, Almas; 3, Cook. Time, 2.35.

Broad jump—1, Brieker; 2, Murton; 3, Harrison. Distance, 18 feet 10½ inches.

Pole vault—1, Brieker; 2, Green; 3, Almas. Height, 8 feet 2 inches.

16-lb. shot—1, McLean; 2, Payne; 3, Daynard. Distance, 31 feet 11½ inches.

220 yards—1, Acton; 2, Graham. Time, 25 seconds.

Mile—1, Younge; 2, Vermilyea; 3, Acton. Time, 5.05.

16-lb. hammer—1, Daynard; 2, Lyle; 3, McLean. Distance, 70 feet 3 inches.

High jump—1, Harrison; 2, Sherwood; 3, Brieker. Height, 5 feet.

440 yards—1, Acton; 2, Graham; 3, Sherwood. Time, 1.15.

220 yards, hurdles—1, Unsworth; 2, Brieker; 3, Almas. Time, 17 seconds.

Discus—1, Payne; 2, Acton; 3, Bannerman. Distance, 87 feet 9 inches.

ASSOCIATION FOOTBALL

UNIVERSITY COLLEGE 2, DUNDAS SCOTCHMEN 2.

On Saturday, Captain Gilchrist and Manager Baird took the Arts team to Dundas. University College had

the lead in the play throughout the game, but only managed to get the same number of goals as the Scotchmen. Gilchrist played a strong game, and Phillips won repeated applause from the spectators. The teams lined up as follows:

Dundas—Goal, Jack Fletcher; backs, Jas. Fletcher and Thompson; halves, Davidson, Reston, Walker; forwards, Lennie, McAuley, Cunningham, Farquharson and Chatland.

University College—Goal, Cameron; backs, McLean and Nichol; halves, Jackson, Hayes and Fraser; forwards, Jackson, Dowling, Gilchrist, Phillips, Jamieson.

Referee—Mr. Booth, of Hamilton.

S. P. S 4, VICTORIA 0.

The men from the School had a rather easy time defeating the Victoria University Association team last Tuesday, although Victoria made them work all the time. The game was played on the Athletic Field. The teams:

S. P. S. (4)—Goal, Heron; backs, Blackwood and Dowling; half-backs, Patton, Johnston and McKenzie; forwards, Cooke, McInnes, Swan, McDonald and Rutherford.

Victoria College (0)—Goal, Pearson; backs, McElhanney and Woodsworth; half-backs, Brown, Green and Ruddell; forwards, Connolly, Maheod, Thompson, Hamilton and Campbell.

Referee—W. Nicoll, Knox. Goal umpires—F. J. Rutherford and C. Ross.

UNIVERSITY COLLEGE 2, KNOX 0.

Last Friday Captain Gilchrist's men won out from the Knox theologs by a score of 2—0. The teams lined up as follows:

Arts—Goal, Cameron; backs, Moore, McLean; halves, Fraser, Jackson, Hayes; forwards, Jameson, Phillips, Gilchrist, L. R. Jackson, Dowling.

Knox—Goal, Leddingham; backs, McLeod, Wilkes; halves, Broadfoot, Hackney, Eadie; forwards, Renwick, Ritchie, Nichol, Park, Reid.

The Dentals have defaulted a game in the series, and withdrawn from the Association. Section B of the Senior series is thus reduced to two teams.

The last number of VARSITY gave Victoria credit for beating the School. It should have been the reverse.

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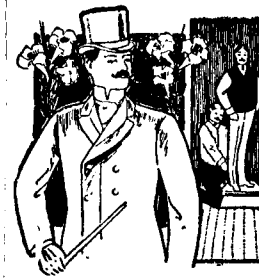
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Around The Halls

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UNIVERSITY COLLEGE.

Some sixteen graduates of Toronto are employed in the Topographical Survey Branch of the Department of the Interior, Ottawa.

Mr. J. G. Lorriman, B.A., '03, lately—very lately—of Buffalo, was last week renewing acquaintances "around the halls."

Prof. Baker (at lecture of astronomy)—"There is no reason to suppose that all the bright stars were put near the earth—or on it, for that matter."

Somebody (at '06-'07 meeting)—"Oh, let us treat the offers of the retail merchants to act as special constables with silent contempt."

Anxious Freshie—"But how shall we show our silent contempt for—?" (Laughter.)

The experience of two Sophomores of the woman variety at Annesley Hall, are they not recorded in the minutes of the Freshette class? And yet they say that "woman, gentle woman," abhors hazing.

A week ago last Monday the Sophomores elected their Executive Committee. The following will control the destinies of the class during the ensuing year: J. E. Gibson, President; Miss Breckon, First Vice-President;

Pickup, Second Vice-President; J. Gray, Secretary; Hart, Treasurer; Dowling, Athletic Director; Miss Thompson, Musical Directress; Little, Critie; Miss Buchanan, Poetess; Buchanan, Orator; Miss Adie, Prophetess; Megan, Judge; Miss Lyon and Mr. Freeman, Historians; Misses Pentecost and McKim, Messrs. Lash and Hofferd, Councillors.

The Freshmen's elections resulted as follows: President, Verrall; First Vice, Miss VanderSmussen; Second Vice, MacBeth; Secretary, Wright; Treasurer, Metcalf; Musical Directress, Miss Houston; Athletic Director, Sweeney; Critie, Miss Osborn; Prophetess, Miss Murray; Poet, Harton; Orator, Baird; Judge, Halliday; Historians, Miss McRoberts, Mr. Beaver; Councillors, Misses Best and Roebuck, Messrs. Chapple and McPherson.

At the Lit. meeting last Friday evening Professor Cody occupied the chair, and our new President, Mr. A. T. Hunter, delivered his inaugural address. The attendance was small. The Executive, for some unexplained reason, saw fit to keep dark until late in the week the special nature of the meeting, and the notice posted then was not of a kind calculated to attract attention. But Mr. Hunter was good, and his address fairly teemed with suggestions. He asked for the hearty support of the student body, for meetings of men who had something to say, for more of the old-time enthusiasm. Mr. Hunter has a style of his own, and ideas that coincide with ours. Speaking of fitting subjects for debate, he said: "For my part, I prefer living to dead." We have often asked for an opportunity to discuss living questions. Now that it is present will we take advantage of it?

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by Mr. Pickup and vocal solos by Messrs. Carrie and Collins—was highly appreciated by the meeting.

The feature of this week's meeting will be the first debate for the inter-year championship. The competing years will be the First and Second.

Moir (urging Knox men to root at the Knox. vs. Arts game)—"Come, now, bring on your paraphrases."

"Austie" R. (proposing toast to ladies)—"Gentlemen, think of indulging in our terpsichorical propensities with men of like sex."

"Bob" Baird (after listening to Overend's eloquence)—"What course are you in, Fred?"

The Freshmen are to be congratulated on having a president of the silk hat and cane variety.

Mr. Lazenby, at '07-'06 reception: "The students should not become too familiar with the members of the faculty, calling them by their first names and patting them in the back—we have a certain dignity to preserve."

WYCLIFFE COLLEGE NOTES.

The Athletic Association met Saturday, Oct. 24th. Mr. Sovereign, Secretary-Treasurer, presided. Dr. Taylor was elected President, and Mr. Smith, Councillor. Provision was made to receive as associate members those who had at any time been residents of the College.

The men seem very much pleased at the Dean's action in withdrawing the chapel services Friday evenings, in order that the College Literary Society may be held early to give the members a chance of attending that of University College.

The first programme meeting of the Literary Society was held Friday evening, Oct. 30th. A splendid programme was given. Mr. Earp excellently rendered two solos, "The Village Blacksmith" and "Jack's Yarn." Mr. Elliott then gave a characteristic recitation, "The Irish Philosopher," and in answer to an encore, "The Jealous Wife," leaving the impression in the first case that he must be of Irish extraction, and in the second that he possibly had had some practical experience. The editor of the *News Item*, Mr. McElheran, then read the contribution of members of the Society to this feature of the programme. These contributions were particularly good. After witnessing an excellent exhibition of club

swinging by Mr. Ellis, the meeting was brought to a close by giving the College yell.

Thursday evening the three newest Freshmen were initiated into the mysteries of the Green Brotherhood. At first, in the excitement of the moment, two of them forgot their names, but a judicious application of cold water to one, and the other being obliged to sit down in a basin of the same, recalled them. After a blindfold sparring match and a cock fight, they favored the enthusiastic audience with a jig to the famous air of "Mr. Dooley." Mr. Jones then learnedly discoursed to them concerning their duties of Freshmen, speaking in German for the sake of clearness, and Mr. Fraser gave a short address in Cree, which they understood perfectly. Mr. Gibson was an excellent master of ceremonies. A feature of the evening was the Sovereign-Jones-Connor brass band.

The gentlemen of the Second Year are endeavoring to do their work well in looking after the innocents under their charge. They fully appreciate the necessity of insisting that these, their charges, do not become utterly demoralized by the sudden relaxation of home discipline and care. They are determined to enforce the Pythagorean rules for Freshmen, namely, silence, obedience and a vegetarian diet.

The sound of Earp's singing, coming, as it does, from the highest "flat," falls sharply upon the ear.

Mr. Bell strikes the Sophomores as being rather loud.

An interesting archaeological research in a Senior's room resulted in the remarkable discovery that Dante in his journeys through the Inferno was given an exhibition of the latest Rugby scrimmage rules. Needless to say, they were the "Burnside." The majority of men, however, were forced to play "on the wing."

Mathematical problem: In what ratio must the size of the football and the length of Sprigg's legs be increased to produce a definite collision between the two?

KNOX COLLEGE.

The regular meeting of the Theological and Literary Society, held on Tuesday evening, was lively and interesting.

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The following gentlemen were elected members: Messrs. Van Wyck, T. A. Broadfoot, J. C. Thompson, Crombie, Moyer, McEwen, Dallas, McEachern, Gamble, Hoffard, L. C. Frazer, Symington, after which the following host were nominated: G. W. Carter, McKenzie, Lee, A. Thompson, Black, A. J. W. Myers, R. B. Cochran, Jas. McKay, S. H. Pickup and H. R. Pickup.

After a good deal of preliminary business Mr. S. H. Pickup rendered a piano solo in fine style, supplemented by a vocal by G. F. N. Atkinson, both of which exhibited marked talent and were highly appreciated by the Society.

Mr. J. Little read a paper, prepared by Rev. Mr. McKay, of Madoc, on "The Atonement," giving a careful analysis and criticism of the whole subject. The paper was clear, terse, comprehensive, and gave evidence of masterful treatment in every way.

Mr. Calvin McRae led in the discussion, dealing with the paper in a way that indicated a strong grasp of the subject in hand. Mr. McRae in the fundamentals agreed with the essayist, but in a few minor details took occasion to differ and admirably stated his objections.

The discussion which followed was indicative of a keen appreciation of the importance of this vital problem, and in the main was a thorough, conscientious handling. Messrs. D. Ritchie, T. J. Robinson, G. F. N. Atkinson, C. A. Myers, A. L. Boyd, Alex. McLean, A. M. Boyle, and Daniels (of Victoria), spoke with feeling, force, and at times brilliancy, on the subject.

The Critic, Mr. James Little, then in a few characteristically pointed and apt remarks, passed judgment on the various features of the meeting, after which it was adjourned.

It is to be hoped that similar interest will be evinced in the meetings to follow.

On Friday night the regular meeting of the Arts Mission Study Class was held. The discussion of the topic, "Dutch Missions of the Seventeenth Century," was opened and led by James Gordon. A very interesting and profitable discussion of missionary problems of to-day then followed.

Some one said: God made heaven and earth and rested; then He made man and rested again. Then He made woman, and since that time neither God nor man has had a rest.

Prof. Robertson (to the class in apologetics—there being only one vacant seat)—"I know there are 'Strong' reasons why some of the boys come in late." And the maiden blushed.

Professor—"Can any student tell me how lying is denounced in Scripture?"

Brilliant Student—"A lie is an abomination unto the Lord; but a very present help in time of trouble."

The Knox College Missionary Society hold their 39th public meeting in Convocation Hall, Thursday, Nov. 5th, at 8 p.m. Rev. Prof. J. D. Robertson, M.A., D.Sc., is to occupy the chair. An address is to be given by Rev. Wm. Patterson, D.D., of Philadelphia, and also by Mr. S. A. Sarkissian, who is to speak on "A Year on the Prairie." The Glee Club is to furnish the music.

Freshman (to Sophomore)—"You box my ears and you'll have your hands full."

Sophomore (looking at ears)—"Well, yes! I guess."

The Glee Club has secured the services of Dr. Anger as conductor, which is a sufficient guarantee for the success of the club.

Knox is ambitious this year, and is contemplating entering a second team in the Inter-collegiate series. Mr. Andrew Thompson has been appointed captain.

DENTAL COLLEGE.

The At-Home Committee purpose meeting at an early date to make arrangements for the annual College function. There is a strong feeling among some of the members to have it held at the King Edward this year.

The Rugby football team is getting down to good hard practice. The team is composed of nearly the same players as last year, so that one year's play together and the addition of the few new players ought to make a most formidable aggregation. The chances for winning out this year are even better than last.

Monday morning was a half holiday for the Seniors. J. P. Brown received the sad news on Saturday of the death of his father. He left at once for his home in Cobourg.

Neglect of some of the painters resulted in a small fire in the bacteriological laboratory one day last week. It might have proved serious except for the timely interference of the janitor.

The first edition of the *Hya-Yaka* will make its appearance about the first of the month. The following is a list of the editors, assistants, etc.: Editor in chief, Oliver N. Leslie, '04; first assistant editor, Ernest A. Wessels, '06; second assistant editor, Wm. Davy, '04; business manager, Fred. C. Husband, '05; assistant manager, Chas. A. Corrigan, '04; social editor, G. W. K. Noble, '04; sporting editor, J. S. Lappen, '04; graduate editor, Dr. Wm. G. Wood; non-attending undergraduate editor, Horace Wood, '05; secretary, Geo. M. Gorrell, '06; Treasurer, H. Ernest Bedingfield, '04; cartoonist, Rich. W. Hull, '06.

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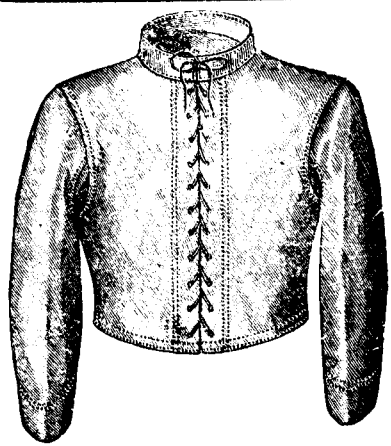
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COLLEGE OF PHARMACY.

Rev. A. F. Barr, of All Saints' Church, addressed the Y. M. C. A. meeting Wednesday afternoon.

"Every little helps," said a very excitable student who rushed to the front to extinguish the burning ether last week, gave the flames a puff and took his seat.

The time has arrived when the boys are counting the days till exams, and are delighted with the assertions made by two of the professors that we are nearly over with the Junior work. If rehearsing papers of previous years will assist in passing, everyone should easily get through, as nearly every fellow has in his possession a large supply of exam. papers, some of which are dated back as far as 1884. Exams start three weeks from Thursday.

Letters addressed in familiar writing should be sent to the street address instead of Pharmacy, as a great rivalry seems to exist in a certain trio. This is rekindled every time the mail arrives. Don't be jealous, boys.

"Bob" Eason has had another trip to Stratford. These trips must come rather expensive on the Stratford ball team. We often wonder if there is always a game on when Bobbie goes home.

We are glad to hear that Davis and Brown are in shape to play ball again, having recovered from their sprained ankles.

Section I. has challenged Section II. to a tug-of-war. The sections seem to be so evenly divided that a good pull could be had, if the rope don't break.

SCHOOL OF SCIENCE.

The second regular meeting of the Engineering Society was held on Wednesday night, Oct. 28th, with the President in the chair. The minutes were read and approved, and nominations taken for First Year Reporter on the Varsity Board.

Mr. J. C. Gardner made some brief remarks on the testing of cement for the Ontario Power Co., and by means of some lantern slides described the location of the various power plants in course of construction at the Falls. Mr. H. Munro gave a very lucid talk on the dam and turbines of the Peterboro Hydraulic Co. Mr. W. S. Gibson gave a very exact description of the Canadian General transmission line from Nassau to Peterboro. Mr. F. N. Rutherford described the manner of building the Trent Canal at Balsam Lake, and the Kirkfield lift lock. Mr. N. D. Wilson spoke briefly on the work done by the Dominion Bridge Co. Mr. W. M. Currie gave a clear account of the magnitude of the Westinghouse Co. at Pittsburg.

Mr. E. A. James gave notice of a motion to appoint a sub-committee to see about obtaining a telephone for the use of the students.

On motion of Mr. J. A. McFarlane, the Secretary was requested to draw up a vote of thanks to send to the various companies, etc., who were so kind to the students on the Peterboro excursion.

The meeting then adjourned.

Immediately afterwards nominations were taken for the S. P. S. Dinner Committee. By acclamation Mr. G. W. Wright was elected Treasurer, and Messrs. J. F.

Hamilton and F. N. Rutherford as representatives to the McGill and O. L. S. dinners respectively.

"Andy" Gray and "Bill" Smithers congratulated themselves on the fact that their names commenced with the first letters of the alphabet.

At the annual meeting of the Rugby Football Club the following elections took place: Manager of Senior team, P. M. Sander; captain of Senior team, C. J. Ingles; manager of Junior team, W. H. B. Beran; captain of Junior team, McGiveran.

Messrs. Johnston and Southworth have been seen around the School.

The results of the elections for the Dinner Committee are: Chairman, J. F. Hamilton, Treasurer, W. Wright; Representatives: Fourth Year, Frees, Gillespie; Third Year, Currie, Monroe; Second Year, Charlebois, Morden; First Year, Housser, Tait.

The Third Year Miners recently defeated the Mechanicals of the same year in one of the most exciting

Rugby games of the year. The victory was due largely to the wonderful work of Sam Hill, who bucked the line for frequent gains.

On Saturday, 7th, at 10 a.m., the Engineers will parade in uniform. They will proceed to the Humber, where pontoon bridge building will be practised. The company recently received a grant of \$3,000 from the Government. The following promotion has appeared in company orders: Sapper McQuaig to be corporal.

The peacefulness of Saturday evening must have been terribly disappointing to the Irish members of the police force.

The following will represent the School at the different college functions: J. F. Hamilton, McGill; W. Smithers, Queen's; F. W. Slater, Victoria; W. Currie, Arts; P. Gillespie, Meds.; A. Gray, Dentals.

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EDUCATIONAL DEPARTMENT

CALENDAR.

- Nov. 9. — King's Birthday.
- Dec. 1. — Last day for appointment of School Auditors by Public and Separate School Trustees. Municipal Clerk to transmit to County Inspector statement showing whether or not any county rate for Public School purposes has been placed upon Collector's Roll against any Separate School supporter.
- " 8. — Returning Officers named by resolution of Public School Board. Last day for Public and Separate School Trustees to fix places for nomination of Trustees.
- " 9. — County Model Schools Examination begins.
- " 14. — Local Assessment to be paid Separate School Trustees.



THE ROYAL MILITARY COLLEGE.

THERE are few national institutions of more value and interest to the country than the Royal Military College at Kingston. At the same time its objects and the work it is accomplishing are not sufficiently understood by the general public.

The College is a Government institution, designed primarily for the purpose of giving the highest technical instructions in all branches of military science to cadets and officers of Canadian Militia. In fact, it is intended to take the place in Canada of the English Woolwich and Sandhurst and the American West Point.

The Commandant and military instructors are all officers on the active list of the Imperial army, lent for the purpose, and in addition there is a complete staff of professors for the civil subjects, which form such a vast proportion of the College course.

Whilst the College is organized on a strictly military basis, the cadets receive in addition to their military studies a thoroughly practical, scientific and sound training in all subjects that are essential to a high and general education.

The course in mathematics is very complete, and a thorough grounding is given in the subjects of Civil Engineering, Civil and Hydrographic Surveying, Physics, Chemistry, French and English.

The object of the College course is thus to give the cadets a training which shall thoroughly equip them for either a military or civil career.

The strict discipline maintained at the College is one of the most valuable features of the system. As a result of it young men acquire habits of obedience and self-control, and consequently of self-reliance and command, as well as experience in controlling and handling their fellows.

In addition to constant practice of gymnastics, drills and outdoor exercises, of all kinds insure good health and fine physical condition.

An experienced medical officer is in attendance at the College daily.

Seven commissions in the Imperial regular army are annually awarded as prizes to the cadets.

The length of course is three years, in three terms or 9½ months residence each.

The total cost of the three years' course, including board, uniforms, instructional material, and all extras, is from \$750 to \$800.

The annual competitive examination for admission to the College will take place at the headquarters of the several military districts in which candidates reside, May of each year.

For full particulars of this examination, or for any other information, application should be made as soon as possible to the Adjutant General of Militia, Ottawa, Ont.

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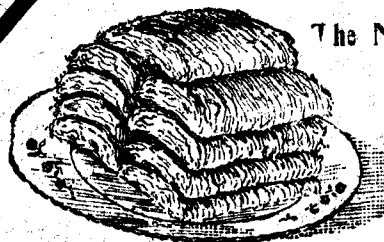
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