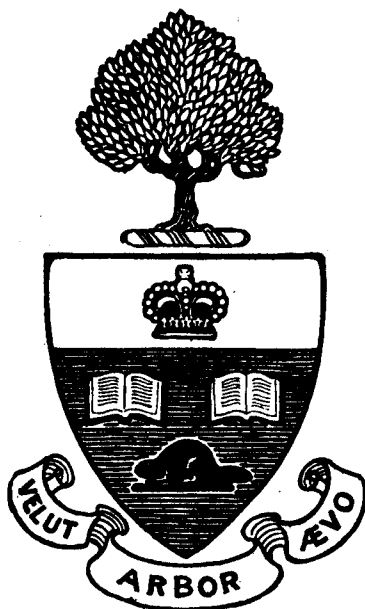




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No. 9.

University Graduates in Railway Work.

By ANGUS MACMURCHY.

Solicitor at Toronto of The Canadian Pacific Railway Company.

PREVIOUS articles have dealt with the careers of Graduates in different branches of professional life. All the writers have adopted the prevailing "strenuous" note, and in none of the careers described are efficiency and energy more requisite than in railway work in Canada at present.

Mr. Chamberlain has stated his belief that countries were made great by their educated men, and wished for the time when no man should have a great position "in our factories, our workshops or our counting houses" without having succeeded in a university education. We are still far from this ideal state of affairs. Nevertheless, recent experience in the United States has shown that it is possible for a university Graduate to become the successful president of a railway, but those who have attained to this have passed through every grade from the lowest to the highest place, from call boy, leveller, wiper or brakeman, to president. One of our railway presidents, while rising from the position of telegraph messenger boy, acquired many branches of a liberal education. While night despatcher at Springfield, Ill., he did not sleep much in the daytime, but made from the letter files stored in a disused station building a collection of those written by Abraham Lincoln while attorney for the Chicago & Alton R. W. Company. Both men trod the path of duty in railway life, one became the president of the United States, the other, after carrying to completion and successfully operating the Canadian Pacific, has turned his untiring energies to the upbuilding of Cuba.

While this may involve a fascinating story, we must not forget that in every case of success in life, and particularly in railway work, the details, the vital, actual and essential fundamentals, can only be mastered in the hard school of experience. There is no royal road to success.

Very few men graduating at twenty or twenty-one years of age can afford to begin or can have the inclination to commence in such a subordinate position as will enable them to acquire the essential details which a lad starting ten or eleven years earlier would be able to grasp almost as readily as the older man. On the other hand, given a starting point in any position, however subordinate, where, as a clerk or stenographer (and the two are now synonymous), one can come into touch with actual things and not theories, educated intelligence in the long run prevails; but there must be patience and not the inclination to commence life at the top found often among university Graduates.

The general manager of one of our railways told me that he had waited in vain twenty years for some one who could write a letter in "decent English" and had spent hours correcting faulty letters, which had to be re-written before they could be signed and then were posted too late for the night mails. Himself, a master of English, he had learned it in the university of the world.

The benefits of a liberal education are shown by the employment of an accurate style enabling us to think and write clearly. Stevenson earnestly admonishes us always to

use correct technical language. But education does not impart brains or bestow common sense, as Mr. Dooley says, "You may bring a man to the university, but you cannot make him think," and another American philosopher remarks that "Education may broaden a narrow mind, but there is no cure yet known for a swelled head."

Thus it appears that the speediest means of access to this field of wide-spreading activity is through legal training or secretarial work, and that in either case a knowledge of shorthand and the use of the typewriter is of the first importance.

The expansion of Canada seems to be upon us. We may learn from the experience of the United States in the making of the West; and as we have been warned by their mistakes in constitutional government we may profit by their errors in the building and management of railways. "Inspired carpenters," through ignorance in choosing suitable railway locations, have cost in later years many millions of dollars by obliging the management to rebuild long stretches of road-bed and tear up tracks at great expense. Competition has made railway managers study how to improve alignments, decrease grades, reduce curves, strengthen bridges and increase the loads of trains. The next decade may witness trains hauled by electricity instead of steam. These all represent the applications of science and science must be first learned in the laboratory, the lecture-room, the field and the workshop.

Canada, like Switzerland, in the past has educated men for the professions far in excess of her natural requirements. Many of them have found work in the neighboring Republic, in Europe and the East, but Canada, unlike Switzerland, now offers a promising field, to which her sons may gladly return.

If the three transcontinental lines, which are now projected, or even one of them, should be built, there will be immense activity in railway work in Canada. Although some Canadians have risen in other countries to the highest places in railway management, the chief executive positions in our two greatest railway systems are filled by men born and trained in the United States, and their lieutenants are drawn largely from the same school.

Important questions have arisen and occupy an increasing share of public attention regarding the control of railways by the State, more especially in the matter of the regulation of freight rates. To this end a railway commission, similar to the Railway and Canal Traffic Commission in England and the Interstate Commerce Commission in the United States, will probably be appointed before long.

The questions involved are perplexing and difficult, requiring an intelligent study of economic conditions and national and international questions. One of our younger Graduates, Professor S. J. McLean, has already made a report to the Government, which may form a partial basis for legislation.

No body of workers are more thoroughly organized in relation to their employers than railwaymen, and, so far as skilled labor is concerned, this is an advantage to both parties, so long as the men unite with the management in maintaining a high standard of efficiency. There are at least five railway unions in

THE CANADIAN STUDENT IN GERMANY.

Canada working under contracts with their employers for stated periods at fixed rates of pay with provisions for promotion and the redress of grievances.

The students of political economy can find no subject affording greater scope for the employment of the highest degree of skill and knowledge working towards the welfare of society.

The managers of railways feel strongly the desirability of drawing young men, properly trained, from the university for the different departments of their railways. With us in the past the School of Practical Science has supplied many men who, from their training, are able to obtain positions in railway engineering and electrical work. At three Universities across the border, Columbia, Pennsylvania and Perdue, there are active and successful departments of railway engineering. At Columbia Dr. Seward Webb, of the New York Central R. W. Company, has organized a school of practical work for the students.

The two leading Canadian railways are also beginning to be interested in obtaining properly trained men and one of the Canadian universities, already conspicuous for its equipment in Engineering, may provide a department giving special training for men preparing for a railway career.

The reason for such a movement is that everywhere efficiency is the order of the day, the age demands the highest degree of technical skill and knowledge in all departments of human endeavor.

It will be a curious and significant fact if the rewards of high and unselfish effort in Theology, Law and Medicine, not to speak at all of the great work of education, become too scanty to attract our Graduates as formerly. It would seem that their eyes are being turned, with the rest of the world at present, to the more tempting prospects of the business world. One of the functions of a university is to place spiritual above material things and it is to be hoped that the spirit of materialism will not, in the end, prevail over "the things that are more excellent."

THE ALLIANCE FRANCAISE.

THE Alliance Francaise held its third regular meeting in the Y. M. C. A. building on Saturday, November 19—the president in the chair. Those who had the good fortune to be present will not soon forget the lecture delivered by Mr. I. H. Cameron, of University College. If the expression "tour de force" did not seem infinitely undignified in this connection, it best might be used to characterize exactly what Mr. Cameron accomplished in preparing and delivering this lecture. To write and speak a foreign language correctly is not within the reach of everyone, yet some of the more gifted among us do, in time, attain such perfection; between this, however, and speaking in public in an altogether foreign idiom there is a wide gulf. That this gulf is, nevertheless, not an impassable one was proved by Mr. Cameron on Saturday evening. Dealing with the great genius of the century, Emile Zola, Mr. Cameron's lecture gave evidence, not only of a careful knowledge of his subject, but also of a spirit of observation at once profound and discerning, while its perfect diction and general charm of style rendered it, in all respects, truly, a literary treat, noteworthy of the master mind with which it dealt.

An interesting supplement to Mr. Cameron's lecture was given by Monsieur de Champ, who is so well qualified to speak on that subject and who, in a few well-chosen remarks, gave a sympathetic criticism of Zola's works and a reply to some of the charges made against him by many critics.

After the usual intermission allowed for French conversation, the evening closed with a lecture by Mr. Kennin, treating of the propagation of the French language in North America. The latter part of the lecture consisted of an amusing paraphrase of a recent lecture on "The Art of Reading in Public." Mr. Kennin himself read several selections from celebrated French authors, which were very much enjoyed.

ALTHOUGH all universities have in the last analysis more or less of a common aim, there are striking differences between the academic institutions and customs of different countries, and the student who goes from Canada to a German university will be struck at the very outset by some characteristic features of the academic life there.

There is, for example, the relation of the university to other educational institutions. In Canada almost anyone attending a school may call himself a student, and people, indeed, do not make a great deal of difference between the students of different schools. In Germany, on the other hand, the title "student" is reserved strictly for those who are matriculated at one of the twenty universities or at an academic institution of equal rank with a university, such as the nine technical and the few mining and forestry academies. Only those who are matriculated students "study," any one else who attends school "learns." In fact, the university is not regarded as an educational institution at all, in the strict sense. The student is accepted at matriculation as an academic citizen who has reached the highest standard of general education by passing all the grades of the high school (gymnasium and real school). It is not so much culture which one seeks at the university as instruction in some special branch of study. This relation of the university to other educational institutions is responsible also for the high esteem in which the university student is held by the public. He ranks with the commissioned officer in the army, and is, like him, the pet of the nation. He is, on account of his higher education, relieved of one of the two years of military service, and the officers of the reserves are recruited chiefly from the professional classes. A Canadian will perhaps better understand the deference paid to the student when he remembers that the "student" is rather a rare species of which there are in Germany never more than 30,000 representatives in a population of almost 60,000,000. The respect which the dignity of an academic citizen or university student carries with it will probably be best realized by considering the relation of the student to the legal authorities, for example, the police. The ordinary individual, when transgressing the police regulations, may be arrested; not so, however, the student. He has a card which identifies him as an academic citizen, and when he comes in conflict with the police he simply is requested to show his "Legitimations Karte." These cards are changed in color every term, and there is absolutely no misuse of them possible. Perhaps a less commendable feature in this regard is that in most cases German universities have their own jurisdiction regarding trespasses of the police regulations. The culprit is not brought before the police court, but before the university court, which consists of a number of professors and a specially appointed university judge, and he serves his punishment in the university prison called "Carcer."

However strange these regulations may appear to a foreigner, they contribute much towards raising the dignity of the student, and increasing the respect with which he is regarded by the people.

This position of dignity which the German student enjoys reflects itself also in the freedom which he has in the selection and pursuit of his studies. This latter is one of the reasons so many foreigners study in Germany. Apart from the fact that the course in Medicine is to some extent prescribed and to a lesser degree that also in Law, the student attends what university he pleases, and takes the lectures and practical courses at any time he pleases during his four or five years of study. With the exception of an intermediate examination in Medicine (the so-called "Physicum"), there is no examination other than the final, at the end of his studies, for him to take. This is the State examination—consisting of a thesis, for which half a year or more is required, and oral examinations—which licenses him as a medical practitioner, as a high school teacher,

as a lawyer or as a theological candidate. It does not carry with it any academic degree. In order to secure an M.D., an LL.D., or a Ph.D., the student has to pass another—academic—examination, which a comparatively small number of German students do, while with foreign students it is in general the chief object. In the State examination one shows more his professional training, and in the academic examination more the capacity for original research, though, of course, these two are not mutually exclusive. When Sir William Hamilton reproaches the German specialists with a bread-and-butter motive, he is greatly mistaken, for it is just the specialist, the one who desires to enter the academic career—who sacrifices his material interest to the advancement of his subject.

There are other features of the German student's life which will appear very curious to the foreigner, for example, their costumes on festival occasions, which consist of white knickerbockers, patent leather boots reaching above the knee, black velvet coats, variously colored caps or plumed hats, gauntlets and long swords.

Much has been said regarding the duelling of the students among themselves and with the commissioned officers of the army, but it ought to be remembered that grave duels with pistols are comparatively rare and that not more deaths result in Germany from duels than in America from football.

The less serious duels which students have among themselves never result fatally, for the whole body with the exception of the face is protected. The combatants even if seriously wounded in the face generally walk away unaided, and the only one whom I have seen carried out of the place was a spectator, an American student, who fainted from the sight. To be sure I would not recommend the introduction of the duel of the German students and officers in other countries, though it is another question whether duelling should be abolished in Germany, for it has much to do with keeping up the high spirit of honor among students and officers.

In the matter of sports the Canadian student will also find some striking differences; there are practically no games such as football, baseball, and the like, but fencing and gymnastics are much indulged in.

The prominence given to club and society life, to the practice of fencing, to "Mensurs," etc., affects more the early years of student life, and, indeed, occupies the time of a few students to the exclusion of almost everything else.

The German student is with regard to his high school training in classical and modern languages generally better prepared for academic work than the Canadian student. (Many a Theologian passes his final examinations in Hebrew at the Gymnasium or classical High School before he enters the university.) Since the Canadian student succeeds well in German universities, we can only conclude that he makes up in some way for this deficiency in his preparatory training.

There are three possible purposes which a Canadian student may have in view in visiting Germany: First, he may desire to learn the language, though he need not, of course, do this at a university. Lately, however, special summer courses have been established in some universities for this purpose as, for example, that of Professor Vietor, in Marburg. I have often wondered why our students do not more frequently take advantage of the possibility of spending their summer holidays in Europe, thus losing nothing here and gaining the summer term abroad.

Second, the student may seek general culture. German universities are not the best places for that purpose, for they assume that those who enter their doors have reached the highest standard of general culture, and that students come to them for instruction in special subjects.

Third, the student may desire to perfect his knowledge in a special branch of study in which he hopes to get the best instruction in Germany, and, indeed, German universities,

unlike those of France and England, do offer him great facilities in this line.

German universities regard the University of Toronto as their equal, and allow its Graduates to be matriculated under the same conditions as German students and to proceed at once to do research work. They regard complete knowledge of German as not absolutely necessary, and in many cases even allow a student to present his thesis for the Ph.D. degree in his own language. It is for graduate work chiefly that I would recommend Toronto students to go to Germany.

The German university system is too entirely different from ours to make it desirable that the student should try to replace some of his undergraduate work here by work in Germany, except perhaps in the case of the study of the language.

Finally, I may say that the success which our Graduates achieve in the United States and in Germany should cause the student of the University of Toronto to regard the undergraduate work of his Alma Mater as second to none, and prevent our Graduates from condescending to do undergraduate work in their special department in other universities.

A. KIRSCHMANN.

THE JUNIOR.

THE philosophical gentleman who "did" the Sophomore for THE VARSITY the other week, summed him up, after minute analysis, as a "necessary evil." We quite agree with this lenient conclusion, and would companion that phrase with the statement that we regard the Junior as an unnecessary blessing. Shall we explain?

It would seem to one who had weathered the storms of Freshman days, and had safely emerged from the callow yet *blase* condition of the sophomore state, that college life held now nothing of interest, and, therefore, the only available course of occupation lying open was that of devoting oneself to the serious business of graduating.

But, soft! One finds on consulting the curriculum that this "consummation, devoutly to be wished for" must be delayed yet awhile, and that one has to sit and look pleasant for the space of a year before entering upon the heavy, solemn, venerated, yet dazzling condition of Seniority.

Now is the time when (to nonchalantly mix a few metaphors), the hapless student, plugged into the maelstrom of this unforeseen pitfall, finds, from the lion's den into which he has stumbled, that he has been building his house of cards upon shifting sand, and that the sword of Damocles, which has been hanging over him, has proved indeed to be a snake in the grass.

Do we speak in riddles? Then, plainly, we mean that the grievous task of enduring this inexplicable extra year is often the undoing of the moral condition of the most well-meaning student.

Many, finding themselves called upon to bless the academic world with their presence in this unnecessary and delaying fashion, degenerate into mere nondescripts. Some even become plugs of the most virulent type. Others, however, kill the enemy, time, by falling deliberately, earnestly, strenuously—yea madly—in love. Witness the number of young ladies in the Third Year who are engaged. Finally, a few—a very few, and for this Heaven be praised—take to writing in their college magazine for a long-suffering academic public. Thus the condition of any of these waiters on Providence is at best a piteous one.

And so we have taken the Junior upon the point of our pen, and presented him wriggling as a painful example of the inscrutability of fate; and although the operation has been a heroic business, yet 'tis sport to have the engineer hoist with his own petard." However, we shall not feel that our sacrifice has been made in vain, if a few kind words, such as these will succeed in cheering on some poor struggling one to endure with resignation a condition so melancholy yet so inevitable. [E. H.]

Harvey

GRADUATION AND CITIZENSHIP.

UNIVERSITY education at Toronto and probably at all Canadian universities stands for the training of the intellect, of the emotions, of the senses, of the body, and for the acquisition of knowledge. In Arts the greatest stress is laid upon the first; in the remaining departments the last is held of most importance. I do not say that this is exactly what university education should be, merely that so, among us, it is. But always, whatever the ideal and the reality here or elsewhere, the Undergraduate the world over must of necessity confine himself to educating his own faculties and preparing to employ them, must be devoted, broadly, yet almost exclusively, to the cultivation of himself.

When he passes beyond college walls, however, it is time for him to give as well as to take, nay, to give rather than to take. He enters the busy world with a mental equipment that most men do not possess. This advantage he owes, more or less, because every department of every university is indebted, more or less, to the benevolence of the public as represented by individuals or by the State. It behooves him, therefore, out of gratitude, if patriotism and the love of God and man be not sufficient incentive, to share his good fortune with the community about him. A measure of public spirit, happily, often very great, is not lacking in the average university Graduate, and yet the narrow life of some men whose degrees promise better of them disgusts and angers as much as it surprises. "Let only men who confess themselves not large enough to be both a medical man and a citizen be only a citizen," wrote a medical editor somewhat testily the other day, fired by his admiration for the late Professor Virchow. "At the same time let such men confess that they are not fit to live in a country like this. They ought to go to Russia or China, where they would be prohibited, if necessary, from taking any active part in public affairs." The spirit that animated the worthy doctor must sometimes move more than him to indignation and italics. Without insisting that every university Graduate should aspire to be a mayor or a member of Parliament, we may fairly expect him to endeavor, with both energy and sanity, even though very humbly, to purify and elevate the national life. Opportunities for such work he will find, wherever he is, in plenty. Perhaps I may, without presumption, call attention to one sphere where the Graduate might wield a wider influence than he does.

Political inertness is nowhere more apparent than in the country. Not only does the illiterate bribe-taker who figures at election trials evince it, or the easy-going proletarian who in order to please all parties votes on the same ballot for all the candidates; but it is the characteristic of thousands of those independent farmers that form, we are assured almost daily, the backbone of the Dominion. Except at election time these men deliberately eschew discussion, reading and cogitation upon all topics of public moment, whether political or not. Alert and progressive agriculturists will refuse to manifest spontaneous and continuous interest in anything but the cultivation of the soil and the affairs of their neighborhood. Nevertheless, Canada being wedded to democracy for better, for worse, such men enjoy to the full the right of the elective franchise. Is it not, then, the obvious duty of every earnest citizen to exert all his influence in order to induce them to think before they exercise that right? True, their thought will be crude at the beginning, but since they have brains it need not continue so. And if it will always be hampered by ignorance, whose, pray, will not? For information on questions of public policy the electorate is dependent on this or that body of expert specialists and can know but very little at first hand. Nay, oftener than not, the lay voter has the unenviable task of deciding "where doctors disagree." What is demanded of him in such cases is not the erudition of the publicist, but simply a plain man's common sense—sound judgment, intelligent and moral. The striking defect of the politically inert voter of whom I complain

is his downright ignorance of what questions are really at issue, and of the arguments, discrepant or otherwise, advanced by those who claim to understand them. He is at the mercy of the cleverest tonguester that gets his ear or of the political party that has been successful in catching him young. He may exercise common sense in private affairs, but at the poll he does not exert himself to do so. Ignorance of this kind, notwithstanding, may be overcome. What such a voter needs is intellectual or moral stimulation that may create in him an intelligent interest in events and movements of more than local and temporary significance and a desire to know more about them and even to study them.

Now, who is in a better position to furnish that necessary stimulus than the university Graduate dwelling in a rural district? He, more than his neighbors, has been in touch with the greatest minds of the ages, and, if he has used his opportunities, with the spiritual—the mental—life of the nation and of the wide world. We may hope, too, that the contact is not yet broken. As a result he has that broader outlook which many of his neighbors lack. Unfortunately this breadth of view does not always tempt the Graduate to extend his labors beyond his study walls and the bounds set by his vocation. In some instances he feels himself under no obligation whatever to spread abroad enlightenment, and then his presence in a community actually becomes a clog on its progress, deterring others, who feel themselves, perhaps, less fitted for such work, from undertaking it at all or discouraging them in the prosecution. If the village philanthropist who wishes to institute a debating club, a course of lectures, a public library, encounters only stolidity and indifference in the minister, the teacher, the doctor or the lawyer, whither shall he turn?

Opportunities are many for enlarging the deadness of rural life and for quickening the countryman's sense of the privileges and duties of citizenship. And they involve no quixotic attempts at transforming every voter into a finished political scientist. They require simply a sense of responsibility in those able to seize them and persistent effort in turning them to account. Rome was not built in a day, and a wise democracy cannot be developed in a year; and the day of small things must precede the day of great. But if every Graduate who leaves the portals of a Canadian university were determined to bear all the burdens of his citizenship in obscurity or in pre-eminence, and knew that every other Graduate had taken a like resolve, the day of great things would not be very far off and a rational electorate would seem more than a dream. Incidentally, too, we should have very shortly a satisfactory solution of the problem of universities and State aid. In the meantime, let us remember that if a man hammer at a lump of gold long and well enough, he shall presently have foil so delicate that it will admit the passage of light; but he can make it by no other method than hammering.

A. E. HAMILTON.

NATURAL SCIENCE ASSOCIATION.

Mr. W. Harvey McNairn, M. A., delivered a lecture on "Dragons" last Thursday afternoon in the Biological building. The lecture proved to be thoroughly scientific and consisted in a learned discussion of the pterodactyls or flying reptiles of the Jurassic and Cretaceous periods. The exceptional difficulties in interpretation which presented themselves when this group of creatures was first studied by scientists were pointed out; and the facts which led to it being placed among the reptiles were stated. The methods of drawing conclusions, as to the habits of the grotesque and curious animals, were then ably elucidated. The final conclusion reached by Mr. McNairn, as to the relationship of the pterodactyls, was that they arose suddenly from the reptilian stem and afterwards disappeared just as abruptly, leaving no successors. At the close of Mr. McNairn's address the election of First Year representative took place, and resulted in the election of Miss Edwards.

DISTINGUISHED GRADUATES.

IX. REV. W. T. HERRIDGE, M.A., D.D.

THE Rev. W. T. Herridge, pastor of St. Andrew's, Ottawa, is the son of the Rev. Wm. Herridge, of Brampton. He was born at Reading, England. He was prepared for matriculation in the Hamilton Grammar School, coming up to the University of Toronto in 1875 with scholarships in all departments. He graduated with honors in Classics in 1880. (Though an excellent classical scholar in the narrower use of the term, he was hardly a joy to the examiners in his later years. Nor in truth was it easy to tempt a really strong man to acquire the necessary familiarity with the suitors of Helen and the "stemma caesarum." The treatment of the Classics as a field of vital knowledge began in this University with the advent of Prof. Hutton, in 1881.) Mr. Herridge was even as an Undergraduate an accomplished public speaker. There are several members of the present staff who fondly look back to certain public debates in which he figured as "memorable occasions." He won the Society's prizes for Public Speaking and for the English Essay. He graduated in Theology in the Presbyterian College of Montreal in 1883, winning the Gold Medal and a Travelling Fellowship. The call to St. Andrew's followed at once, and immediately on his induction in August he went abroad on his Fellowship, spending the year in Edinburgh and on the Continent. He has now been nineteen years in his first charge and has repeatedly refused important calls, the last being from London, England.

It is doubtful if the church in Canada contains his equal as a public speaker. There is a high intellectual note, a polish and virility in his speaking that render it unique. A series of articles in *The Westminster* on "The Fruits of The Spirit," convey a fair idea of his style. (His strength lies in the spoken not the written word.) At the same time he is a musician of rare skill and power. He has written considerable in a fugitive way, but he is essentially a preacher, of great and original gifts.

There have, indeed, been great English preachers who have appealed more powerfully to the conscience and political feeling of their day, but it may seriously be questioned whether any have surpassed him in intellectual power, in manly dignity, in catholicity of spirit and in command of noble English.

POLITICAL SCIENCE EXCURSION.

UNDER the leadership of Dr. Wickett, its Hon. President, the Political Science Club, about thirty strong, visited the Massey-Harris Company's works on Friday afternoon. They were most cordially received by the officials of the company, who conducted them over the works in parties of seven or eight, and took every pains to explain to their visitors the important things in this most interesting plant.

Amidst a bewildering host of wonderful things the students were especially interested in the moulding shop, with its fiery stream of molten iron, its pots of glaring, red-hot metal, its starlike sparks and its quickly moving men, its ghostly smoke and vapor. It is probably one of the largest moulding shops in Canada and presented a very striking picture. Next the automatic lathes, three of them attended by one man, demanded attention. Then behind them stood a sample of a machine which can cut grain, thresh it and bag it in the field as it is drawn along by the horses. Passing on one saw the wonderful machine for tempering the sections of a mover or binder knife. The section is put into an endless chain which leaves the part to be tempered exposed and protects the part that must remain soft. The chain passes slowly through a furnace about four feet long, heated by a fuel of injected steam and crude petroleum. The section or knife drops out red hot at the other end of the furnace into a bath of oil, and is rescued from this by another endless chain, and is so sent on to be

annealed and ground. This tempering machine was first used by the Massey-Harris Co.

Many more things delighted the students, such as the drop-forging, the alarm and night-watchman service, the painting of the parts of the machinery, the testing of machines, the making of spokes and wheels, the woodworking, the punching of iron and a long list of other things, but space will not permit of their description.

The trip to the Massey-Harris works was one of the most enjoyable made by the Political Science Club for some time, and the members were unanimous in their expressions of pleasure. Each group declared that the gentleman who conducted it was, without doubt, the best man in the establishment.

"A WINTER'S TALE."

CH. I.

Alphonse, Gaston, great friends. Dolly, "Our Mutual Friend."

CH. II.

Tuesday, a.m.—Alphonse, Dolly, "The Rugby," "Great Expectations."

CH. III.

Tuesday, a.m.—Gaston, Dolly, "The Rugby," also "Great Expectations."

CH. IV.

Tuesday, 7 p.m.—Alphonse, excitement, clean shave, dress-suit, white gloves. Dolly, flowers, \$10.00, "Hard Cash."

CH. V.

Tuesday, 7 p.m.—Gaston, excitement, clean shave, dress-suit, white gloves. Dolly, flowers, \$12.00, "Very Hard Cash."

CH. VI.

Dolly's home, 7.45.—Dolly, Alphonse, Gaston. "As You Like It," "Much Ado."

CH. VII.

Dolly, Gaston, "The Rugby," music, dancing, refreshments, Dolly, indescribable delight; Gaston, immense exhilaration; "Romeo and Juliet."

CH. VIII.

Alphonse, dumps, home, bed, 8.30. "Paradise Lost," "All on account of Eliza!"

CH. IX.

Dolly, Gaston, 2.30 a.m., Parkdale West. Gaston, no car, Rosedale, mud, rain, mud, more rain. "Way Down East."

CH. X.

Wednesday.—Alphonse, Gaston. Blank! Blank!! Blank!!! "Things Will Take a Turn."

H. E. C.

THE VARSITY.

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J. C. ROSS, Business Manager.

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TORONTO, December 10, 1902.

THIS week closes a round of festivities in which every College about the University has participated. The students and faculty have been brought together around the festal board to fortify their physical natures against the prospective feast of reason and flow of soul, or have engaged in the social function of a conversat. The object aimed at is the same in either case, and no doubt the desired end is obtained. There is a tendency for the men in a university which has not the social influence of a residence to live too much in themselves. The student, if he be at all inclined to be reserved, has this characteristic accentuated. He attends his lectures, and then goes to his lonely room to work, and leaves himself less and less open to the genial influences which have so great an effect in moulding and strengthening character. Yet this is an unnatural condition.

The elements in our nature which draw us one to another, and which led the philosopher of many centuries ago to describe man as a social animal, are still normally as live and active as they ever were. It is this feeling which leads the men of the various colleges to cast aside their cultivated reserve, to come out of their shells, and feel that they are not units but one integral part of a larger unity, the student body, in which one spirit moves, and influences, and is influenced in turn by every part.

A yet wider influence is felt by coming in contact with the Faculty and guests who are not directly engaged in university work. It tends to broaden our interests and to make us see the many-sidedness of life. We listen to men who have had difficulties to encounter, ideals to strive after, and who have succeeded. It is an accepted theory that a man will rise to his surroundings, and on this principle the meeting with and talking to men of worth will be of the utmost value in turning out a better class of men. It is sometimes held that we run to excess on the social side, but the opposite extreme also is to be carefully avoided. The golden mean, in which the earnestness of the student is tempered by a reasonable liberty of the emotional and sympathetic side of his nature, and the social side is held in check by due earnestness, is the ideal after which we must strive.

* * *

At the Medical Faculty dinner, Wednesday night, Mr. Byron E. Walker made a notable speech in which he advocated a radical change in the system of raising our Provincial revenue.

Mr. Walker's plan was no less radical than that hobgoblin of the politician—direct taxation. In spite of the sinister aspect of such an innovation, it has much to commend it as a business proposition, and would undoubtedly stimulate interest in Provincial politics as nothing else under the sun. The proposition that a beginning be made by imposing a small direct tax in support of the Provincial University is novel in Ontario; it should be popular, and undoubtedly would be effective. The total Provincial assessment for 1899 was \$816,765,473. A levy of one-sixth mill on the dollar—a mere bagatelle—would yield an annual revenue of practically \$140,000.

Just imagine our University with such a revenue from the Government! No, imagination has limits. Yet, in the case of many of the State Universities to the south, this system works admirably. The University of Michigan is a case in point where a much larger sum than the wild estimate above is cheerfully raised by direct taxation, and no State institution in Michigan holds a warmer place in the hearts of the citizens than the classic piles around the campus at Ann Arbor.

* * *

The spirit of unionism is permeating every phase of life, plumbers and carpenters, masons and barbers, steel-workers and coal-miners, dock-wallopers and skilled mechanics, even the navvies have their unions and their crusades for shorter hours, more pay and higher standards of comfort for the working classes, and now that the long-suffering, downtrodden, overworked and underpaid victim of society's greed, the country schoolteacher, seeks the betterment of his condition via the union route, the vials of bourgeoisie wrath are poured on his devoted head through the press. What does the domine seek? Not shorter hours? It must then be filthy lucre! Fie, for shame! What need has a pedagogue for gold? When, forsooth, has learning been divorced from rags? What becomes a Greek text so well as an outworn binding? Back to your tawse you varlets! Would you have brains and gold? Gadzooks!

* * *

The football season is over and now comes hockey to take its place and engage the attention of the college athlete. The splendid facilities which the University of Toronto offers for manly sports have been utilized to the full by her students. Scarcely an afternoon in the last three months but our playgrounds have been thronged with lithe, clean-limbed, young "Sons of Anak," splendid specimens of vigorous manhood. Now, hockey will call out another section of our men, and, with the disappearance of the ice, our own peculiar game—lacrosse—will enlist its devotees. The very diversity of our sports saves us from the excesses of which American colleges are sometimes accused. The past football season, although bringing us but the City Championship, has been otherwise most satisfactory. And so long as the same high standards of honor and skill are maintained in Inter-Collegiate football so long will this royal game flourish.

THE COLLEGE GIRL

MISS M. L. MCGARRY, Superintending Editor.



JUST now, when "going home" and "Christmas" are thoughts uppermost in the mind of the college girl who must, perforce, for lack of Women's Residence, spend most of her days in a boarding house, she begins to believe that, after all, life is not without its compensations. Whether it is that the all-pervading Christmas spirit has settled upon her, or whether it is merely that the thought of a joyful home-going so fills her with feelings of kindness that, like Mr. Dooley, she cannot, for the life of her, "think of dislikin' anybody in the wide worruld," certain it is, that trouble seems to sit lightly upon her, and that even the exasperations of the boarding-house, and the terrible, secret knowledge of an enormous amount of work, accumulated and accumulating, are not able, in the least, to shake her optimistic mood.

It is not pleasant to awake in the morning to find the temperature of the room such as to remind one forcibly of that poor, threadbare topic of conversation—the coal strike, and all its attendant horrors; but when Christmas is only three weeks away, it is quite impossible to be miserable, and though one may lack the courage to rise, one gains the courage to defy the breakfast bell. In February, when the aspect of things in general has changed, and when there is nothing to look forward to but the month of May, and after that, the judgment, it will be cause of annoyance, perhaps, to find one's windows completely covered with the work of the Frost King; just now, however—such is the effect of a cold nose, at this season of the year, upon the imagination—one rejoices in the possession of an east window, and when one sees upon it, quite as well as in any lantern-slide, Notre Dame de Paris, with its three great arched portals, its rose window and all, and all about it a beautiful white city with towers and spires glistening and sparkling in the morning sun, one is apt to be quite happy enough to defy the breakfast bell still longer. Or when the sun, passing through the stained-glass birds above the window, plays upon the pure, cold features of the Madonna on the wall, until they soften and melt into the love-lit countenance of a real human mother, and upon the child, until he dimples in the rosy light and smiles, yet with more than the understanding of a child, one is apt to feel that, after all, there are no compensations due.

* * *

The subject of Christmas presents is one to which, although it is an all-important one at this season, the College girl has had very little time to give. For some time past she has been living in an atmosphere of Christmas presents; wherever she goes she sees them in process of preparation; whenever she picks up a paper or magazine she is sure to open at, "What to Give," or "Bright Ideas for Clever Fingers," etc., all of which suggestions must fall upon unfruitful soil. The College girl must needs content herself with gifts, long-meditated perhaps, but finally bought ready-made at Eaton's or Simpson's, and, should she be in the blissful condition of the girl who was heard to remark recently that she had been living for two weeks upon two cents, her Christmas gifts will probably consist of her prayers and good wishes. Then, like the sage Hibernian philosopher, Mr. Dooley,

she will find herself, should she take the same view of the matter as he does, very much in debt on Christmas morning, and very regretful of the fact that she did not begin to save in July instead of November.

VARSITY-WYCLIFFE DEBATE.

THE first inter-college debate was held in Wycliffe Convocation Hall on Friday evening. Before the debate there was a short business meeting of the "Lit" in the Students' Union, Vice-president McGuire in the chair. The resignation of Mr. S. P. Biggs as Curator was read and received. Mr. C. H. Russell was elected to represent the Society at the Knox College "At-Home" on December 12, and Mr. W. Treadgold to attend the Dental function on the same evening. The meeting then adjourned in order to attend the debate.

Proceedings commenced at Wycliffe with a chorus by the ladies of the Haveral Glee Club which was well rendered. The chairman—Rev. Professor Cody, M.A.—then announced the subject of debate: "Resolved that labor unions improve the social and economic conditions of Canada."

The affirmative was advocated by Messrs W. Nichol and C. H. Russell, for University College, while Messrs. W. E. Taylor, B.A., and R. M. Millman, B.A., of Wycliffe, supported the negative. The chairman announced that sixty per cent. would be given for matter and forty per cent for style.

Mr. Nichol, for the affirmative, claimed that labor unions are the necessary outcome of modern economic conditions. That combined labor must confront combined capital. He emphasized the advantages to workmen of collective bargaining and claimed for the unions increased wages, shorter hours of work and hence increased intelligence.

Mr. W. E. Taylor, B.A., for the negative, occupied himself almost wholly with the social side of the question. He claimed that there is no tyranny of capital in Canada to-day and hence that unions are unnecessary and mischievous. He claimed that the unions were a disadvantage to the men themselves as it destroyed their self-respect to have their trade disputes settled by an organization in the United States. He laid stress upon the tyranny exercised by the union over both men and employers.

Mr. C. H. Russell, for the affirmative, claimed for the unions increased production and greater efficiency. He urged that the general tendency of the unions was good, that the advantages outweighed the disadvantages. He referred to beneficial labor legislation, which was due, he said, to the influence of the unions. It was the policy of the union to strike only as a last resort.

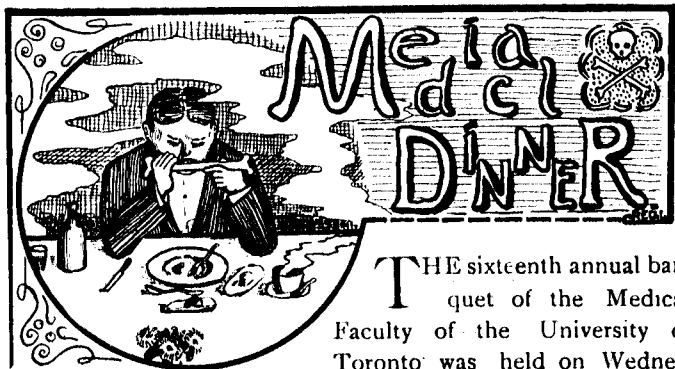
Mr. R. M. Millman, B.A., closed the debate for the negative. He urged that the rate of wages is fixed by economic laws and that interference by unions is therefore mischievous. He claimed that the "level" wage keeps good men in the ranks who might otherwise rise to be employers. He claimed that unions restricted production, and gave a rapid summary of the negative arguments.

Mr. Nichol replied most effectively, and the judges, Prevost Macklem, Professor A. C. McKay and Mr. J. S. Willison retired to consider their decision. During their absence the audience was entertained by a couple of vocal solos charmingly rendered by Miss Margaret Nelson and by a humorous reading from Ian Maclaren by Miss Davies.

Prevost Macklem then announced the decision of the judges in favor of the negative. The affirmative and negative were equal the judges found, as regards matter, but Wycliffe excelled in point of style.

The final meeting of the "Lit" for the term will be held next Friday evening. A good meeting is expected to close the most successful term in its history.

THE MEDICAL DINNER.



THE sixteenth annual banquet of the Medical Faculty of the University of Toronto was held on Wednesday evening, December 3, in the Gymnasium, which was tastefully decorated for the occasion. It was in every respect the most successful of all of the sixteen, and the committee in charge well merited the praise given them by Professor Reeve in moving a vote of thanks to the President at the close of the function.

The dinner was in Webb's best style, and the menu cards were works of art. The front page in the University blue and white, was crossed by the red, white and black of the Faculty, and the centre was taken up by a cut of the new Medical building. The back was decorated with the pictures of Professors Reeve and Primrose, Dean and Secretary of the Faculty, set in medallions joined by a scroll in the college colors. The other pages contained the items of the menu and the toast list in red interspersed by quotations apt and witty, and original drawings in blue. The drawings were by Messrs. Walker, '03, and McKinley, '05, and were well executed sketches of professors and students in various incidents of college life that have thereby become immortal. During the dinner, with the encouragement of the orchestra, all of the old songs and a few of the new were sung, and then, when the cigars had been passed, Mr. R. F. Foster, President of the Committee, addressed the assembly and gave the first toast, "The King," which was received with full honors. Dr. Peters, Honorary President of the Committee, proposed "Our Country" in a vigorous speech, and to it the Hon. Geo. E. Foster replied in an eloquent address that stirred the latent patriotism of every man present, and especially those of Imperialistic leanings. Mr. Byron E. Walker proposed "The University of Toronto and its Faculty of Medicine," speaking of the duty of the Government to provide for university maintenance by direct taxation or other means ensuring a permanent and stated income. Vice-Chancellor Moss and Dean Reeve made thoughtful and sanguine replies to the toast. "The Professions" was offered by Dr. Barker, of the University of Chicago, and a Graduate in Medicine from Toronto in the class of '90, in a speech dealing with educational tendencies in the United States. On behalf of the Church, reply was made by Rev. Prof. Clarke, of Trinity University, and Law was represented by Mayor Howland. Everyone regretted the indisposition that prevented Senator Landerkin from responding to the toast on behalf of Medicine.

Mr. James Biggar, '03, in a most happy speech proposed "Sister Institutions," and replies were given by Messrs. H. E. Munro, of McGill; J. Graham, of Queen's; J. Webber Kelly, of Bishops; F. Campbell, of the Western; C. H. Duggan, of Trinity; D. A. Walker, of Victoria; F. E. Brown, B.A., of Osgoode; W. N. Sesmith, of University College; R. W. Morley, of S.P.S.; R. L. Dudley, of the Dental College; J. P. McFarlane, of the O.C.P., and James Little, B.A., of Knox College. Prof. McKenzie proposed "The Ladies," and R. Leslie Clarke, '05, replied in what Professor Primrose characterized as a philosophical romance as he rose to propose "The Freshmen" To this toast, Mr. H. A. Stewart, '06, made an

effective response, when the singing of the National Anthem brought the banquet to a close.

Early in the evening, Mr. G. A. Winters, '03, Secretary of the Committee, read letters of regret from His Excellency the Governor-General and members of the Federal Government, from Hon. G. W. Ross and the heads of various colleges and universities, as well as from several other prominent men unable to be present. The programme of speeches was also pleasantly varied by a violin solo by Dr. Wagner and several fine songs splendidly sung by Mr. Arthur Blight.

ORIENTAL ASSOCIATION.

The second meeting of the Oriental Association on Tuesday, December 2, was a decided success. The attendance was large and the lecturer most interesting. Dr. Murison had as his subject, "The Earliest History of Egypt." The origin of the Egyptians was noted and their history brought down to the 18th dynasty. The portrayal of the old customs, manners and religious practices of this ancient people was very vivid. The past veritably lived over again. The lecture was illustrated by a valuable collection of ancient Egyptian relics, recently presented to Victoria College by the Exploration Fund and kindly loaned to the Association for the afternoon. The discussion that followed the address was led by Professor McLoughlin and Dr. McCurdy.

The next meeting of the Association will be held on Tuesday, December 16 at 4 p.m. in the Oriental Seminary, when Mr. R. G. McKay, the president, will address the meeting on, "Metrical Forms in the Psalms." An instructive and interesting afternoon is assured to all who come.

T. J. M.

THE ECONOMIC THEORY OF DIMINISHING RETURNS APPLIED TO STUDENT LABOR.

TO MOST students it must seem a piece of rude irony that the term used to designate our daily toil meant in the original tongue "to be fond of." We all feel at times, in varying degrees, the ecstasy of the seeker after knowledge, but the inconvenient regularity with which we are required to prosecute the search frequently begets an admitted weariness, any tendency to yield to which is disapproved and indeed vetoed by the haunting prospect of the annual test, and so the pretty general experience is that "studio" comes to have the unclassical rendering "I labor." Apart from this, however, is the fact that study, even when it is a matter of pleasure and the voluntary motive (for a brief space) supersedes the compulsory, is labor, in the sense that it requires the expenditure of energy and involves the exercise of the mental organ whose capacity for work, like that of every other organ, is necessarily limited.

The law of diminishing returns is applied by economists to the productivity of land and, in short, states that after a certain amount of labor and capital has been applied to land any further expenditure, while it will bear some fruits, will not have the same rate or proportion of increase to the labor and capital used, but will be found to yield "diminishing returns." Does not this idea admit of application to our student labors? There is a limit to the yield of mental labor as well as to the more purely economic; for we all have reason to know that there is a point of time in the history of each day's work when any further effort is attended by diminishing returns (at least). But it is not in a strict application of the economic principle that the student feels its force in his particular realm, but rather in a deviation or addition not used in the economic field, namely, in that after reaching the point past which come the diminishing returns there is the additional possibility and in many cases the grave danger of positive and irremediable injury being sustained.

It is sufficiently agreed by all (as Cicero would phrase it),

that the student's aim should be to acquire first, a good store of knowledge—the fruits of all the ages and all the sages gathered from the various realms of human action and from the world in general; second, a trained and developed intellect; and, lastly, a nature and character generally educated (according to the classical sense)—not only the intellectual side but the æsthetic, moral and spiritual as well—and a broadened view of man and the world. To all this everyone yields a passive assent (tho' unhappily, it is well known the assent often means nothing). But it is necessary for the student (especially the less robust) to realize—and now in the early part of the year is the time to set about it—that it actually *is* wiser and better to leave some work undone which he feels he ought to do, or which he would even (*mirabile dictu*) find pleasure in doing, if he feels he is entering upon the ground of diminishing returns as peculiarly unprofitable and unsafe for the student. The need is often pressing and the temptation strong, but the evil results frequently following such a course are the more dangerous in their very gradation and subtlety. The danger is partially indicated by the one or two sad fatalities that usually mar the otherwise happy memories of each academic year in the history of the University. But this, tho' a more apparent evidence of the evil to be shunned, does not by any means comprise the whole evil, a great part of which may be done and have its effects almost as serious, tho' not so readily and generally seen, in the blight brought upon the physical and mental and thereby upon the moral and spiritual health of many a student who yields to the tendency to over-strenuous exertion. The examination may be safely passed, but the knowledge thus acquired soon slips away and the spirit and vitality may be permanently weakened.

These remarks should possibly not apply to all students—tho' if the principle referred to above does not apply as regards the work prescribed by the curriculum, it should apply as regards athletics, theatre, or whatever absorbs an unprofitably large portion of their time. Still, we think that no University possesses a larger percentage of industrious, earnest and able students than our own Varsity, and for that very reason a gentle note of warning may not be entirely uncalled for. [H.B.]

A RECEPTION IDYL.

Oh, this is the tale
Of a Freshman hale,
And it telleth the why and the wherefore
He lowered his sail
To a Freshette pale—
Think ye none the worse of him therefore.
Now this same youth,
To tell the truth,
If you were to ask of his knowledge,
Could speak forsooth,
Knew the warp and woof
Of tongues quite unknown in this college.
Yet it happened like this:
He met the young miss,
It is said, at the Freshman's reception;
Three minutes of bliss,
Vain desire to kiss,
And the Freshie went home in dejection.
So he sits with his book
In the library nook,
Just around the end of the bookshelves;
When he taketh a look,
The firmaments shook,
By Sophs. who have late been there themselves.
Doth this not appear,
Tremendously queer
In one of such deep erudition?
Yet there's reason to fear,
In fact it is clear,
There are more in the same sad condition.

SPORTS

J. G. LORRIMAN, Superintending Editor.

FOOTBALL AFTERMATH.

Now that the football season is over and all the championships settled, some of the papers are amusing themselves by drawing up representative all-Canadian teams. Of course they all have their own particular favorites, and they easily persuade themselves that these are worthy of places on the mythical team. The Ottawa Citizen started the ball rolling, and, as might be expected, chose most of the team from the capital city. The Toronto Globe then got busy, and, with the help of Manager Thompson of the Argonauts evolved the following fifteen as the best to be picked from the various Canadian teams:

Back, Laing (Varsity); halves, Hardisty (Argos.); Beatty, (Varsity); E Gleeson (Ottawa College); quarter-back, Britton (Argos.); scrimmage, Kennedy (Ottawa City), Wright (Argos.), Boyd (Argos.); wings, Hal Walters (Ottawa City), Boucher (Ottawa City), Paterson (Varsity), Kent (Argos.), Wilson (Argos.), McGee (Ottawa City), Lafleur (Ottawa College).

There is a pretty good sprinkling of Argonauts here, and most Torontonians in consequence will vote it a great team. If, however, they stop to consider that Argos. haven't won a game this year, but have been beaten in each case by overwhelming scores; that Ottawa City, champions of Canada, have but four representatives, and McGill, Inter-collegiate champions, none at all, they will come to the conclusion that The Globe has another think coming. The most ridiculous feature of the thing is the placing of Britton at quarter-back. Both Percy Biggs and Hal Walters have him beaten a block in every department of the game.

If Britton ever played anything better than a second-rate game it was due to the fact that he worked behind an exceptionally strong scrimmage. THE VARSITY has also taken the trouble to pick out a representative team, and humbly submits the following line-up:

Back, Laing (Varsity); halves, Hardisty (Argos.), Beatty (Varsity), Callagan (Ottawa College); quarter, Percy Biggs (Varsity); scrimmage, Kennedy (Ottawa City), Wright (Argos.), Isbester (Ottawa City); wings, Hal Walters (Ottawa City), Boucher (Ottawa City), Paterson (Varsity), Waterous (McGill), Jermyn (Varsity), McGee (Ottawa City), Lafleur (Ottawa College).

ASSOCIATION FOOTBALL.

GALT AGAIN ONTARIO CHAMPIONS.

The small crowd of shivering enthusiasts who gathered at the Athletic Field, Saturday afternoon, witnessed the most brilliant game of Association seen in Toronto for many moons, and got their full money's worth. The result was, of course, not just what most of the spectators wanted to see, but they couldn't help admiring the beautiful play of the western champions, and the visitors received quite as much applause as the collegians. The match was fast and intensely exciting from start to finish, and, though there was scarcely ever any doubt as to the ultimate winners, the School kept in the game all the time, giving the frozen bleacherites every chance to air their "Toikey-Oike."

The feature of the game was, undoubtedly, the phenomenal combination play of the Galt forwards. The veteran Hindmarsh was the chief offender, but he was ably assisted at outside right by little Taylor, who was a great favorite with the crowd. The

defence of the champions is hardly up to the forward line, but is composed entirely of strong and sure kickers.

For the School, Heron, in goal, made many brilliant stops, and Dowling, at full, played a magnificent game. His kicks were always well placed and he was remarkably strong in breaking up the Galt combination rushes. Patten was the star of the School team and he saved many a score. He used both head and feet very neatly and fed his forwards perfectly. On the forward line, Earle Gibson and Rutherford were always dangerous, while Young was always prominent.

Galt won the toss and elected to kick with the wind, defending the north goal. Play had scarcely begun when Rutherford centred nicely and Gibson put the ball through for the first score. The Galt forwards now woke up and gave the crowd an exhibition of combination play such as has seldom been seen in this city. The ball was in School territory for nearly all the rest of the first half, but the great work of Patten, Dowling and Heron prevented a score. Occasionally, there was a brilliant dash by the School forward line, and, on one occasion, Gibson and Rutherford took the ball right on Galt's goal, but the latter's shot was a trifle high. The School could not keep the ball there for any time, however, and it invariably went down the field again. When the whistle blew for half time Galt was still pressing, but the School was one to the good.

On the resumption of play, the visitors immediately resumed the aggressive, and shot after shot was rained on the students' goal. Heron made some phenomenal stops, but finally Hindmarsh and Taylor made a brilliant combination rush, and, though the former's shot was nicely stopped by Heron, West was on hand to kick it through, and the Galt Old Boys on the touch-line set up a merry cheer. With the score a tie, play became fast and furious. Young and Gibson made a dangerous rush, but Despard relieved and Taylor and Hindmarsh again combined, the former passing to West who scored the second goal for the Westerners. The School men now played desparately, and soon got a free kick well into Galt's territory. Gourlay relieved, but Patten came to the fore with a brilliant drop on goal from centre. Despard stopped the shot, but Rutherford rushed in and kicked it through, tying the score again. On the kick off, the ball again travelled towards the School goal, and Galt got a corner. Deeton kicked perfectly and Taylor headed the ball through, winning the game and the Caledonia Cup for Galt. The teams were :

S.P.S. (2)—Goal, Heron ; backs, Depew, Dowling ; halves, Oliver, Patten, Wheelihan ; forwards, Rutherford, McDonald, Gibson, Brereton, Young (Capt.).

Galt (3)—Goal, Despard ; backs, Gourlay, Ducker ; halves Spalding, Johnston, Lane ; forwards, Deeton, West, Hindmarsh (Capt.), Hancock, Taylor.

Referee—W. Grant. Goal umpires—W. Anderson, C. Mott.

NAUGHTY-THREE AND NAUGHTY-FIVE TIE.

In a fast and exciting game last Wednesday the Second and Fourth Years failed to settle the ownership of the Inter-Year Faculty Cup, and another match must now be played by them. There was a regular gale blowing from the northwest, and consequently the shooting was not very accurate. On the Second Year team Cameron at back played the game of his life, and his good work was largely responsible for the Bulldogs' failure to score. Green was the star of their half line, and he shone both in checking and kicking, while on the forward line Phillips, Gilchrist, and Campbell were most prominent.

For the Bulldogs' McEvoy in goal made several clever stops, and Nichol was a veritable stone wall at back. McKinnon at half played a great game, and his well-placed kicks should have scored on many occasions had the forwards followed in properly. On the forward line McQueen was the star, but he was ably assisted by Bowles, DeLury and Brown.

The play throughout was fast and desperate. Both teams were out to win the Faculty Cup, and the fact that there was no score is a good indication of the closeness of the play. Both sides narrowly escaped a tally. In the first half, Naughty-Five shot and McEvoy just touched the ball, which bounced right on the cross bar. Again, in the second half, McKinnon made a perfect drop on the Second Year goal, and as Matheson was a little slow in clearing it should have resulted in a score if the forwards had rushed in fast. The next game between these two teams will probably be played this (Wednesday) afternoon, and some fast football will undoubtedly develop. The teams were :

'03—Goal, McEvoy ; backs, Nichol, Glass ; halves, Reid, McKinnon, Kerr ; forwards, Allen, McQueen, Bowles, DeLury, Brown.

'05—Goal, Matheson ; backs, Cameron, Robertson ; halves, Jackson, Green, Ruddell ; forwards, Gilchrist, Jamieson, DeLury, Campbell, Phillips.

Referee—E. H. Oliver, B.A.

HOCKEY.

With the advent of the cold weather, the young men's fancy has lightly turned to thoughts of hockey, and around the Union nothing is so much discussed as the chances of the new Intercollege Hockey League in general, and of the U. of T. septette in particular. At a meeting held the other day, it was decided not to enter a senior or intermediate team in the O. H. A., but to make every effort to land these two championships in the Intercollege League. A junior team will again be entered in the O. H. A. and Mr. Jack Sherry was appointed to represent the blue and the white at the Annual meeting. U. of T. will likely place three very strong teams on the ice this year, and the Firsts, under the energetic management of Mr. Frank Woodworth, should land the honors in the senior series. The defence will be just about the strongest in the league and will be composed of Hunter, Carruth or Lash in goal, Wilkie Evans at point, and "Doc" Wright at cover point. The candidates for places on the teams already in sight are : Hunter, Lash, Keys, Gladney, McEvoy, Montague, Reid, Fraser, Sherry, Heyd, of University College; Ford, Wright, Gilbert, Henderson, Meds.; Dillabough, Drury, Evans, of the School of Science ; Carruth, Nethercott, and Wood, of the Dental College.

NOTES OF COLLEGE SPORT.

Several Varsity men attended the annual O.H.A. meeting last Saturday as representatives of their respective towns.

Hunter, of last year's Cornwall team, will probably defend the net for Varsity this winter.

Queen's and Varsity have both withdrawn their senior and intermediate teams from the O.H.A., but will enter junior teams in the old organization.

The hockey team will immediately begin to practice shooting in the fencing-room at the Gymnasium. That has always been Varsity's weak point, but it is expected that this year's team will be strong in this particular. Dillabough, who was the crack forward of the Morrisburg team last year, is a splendid shot, and Henderson and Drury, late of Winnipeg, are also strong in finding the net.

The Galt Association team has the game down to a science. If such men as McKinnon and McQueen, of University College, and Patten and Dowling, of S.P.S., were added to the team it would be invincible.

The Toronto Globe, in a recent issue, says that "Beatty and Laing, of Varsity, are practically unbeatable in their respective positions." We would like to add Ernie Paterson to this duo of unbeatables.

THE RUGBY BALL.

One of the most important functions of the College Year at Varsity, at least, in the eyes of a good many of the Undergraduates, is the Rugby Ball, held under the auspices of the University of Toronto Athletic Association in the University Gymnasium. The popularity of this jolly dance seems to increase every year, not only among the students themselves, but among Graduates and their friends, who find it a most convenient opportunity to renew old acquaintances and keep the memory of their college days green. The dance has also come to be regarded in social circles as a "coming-out" affair, and many debutantes are to be found in the list of those present.

This year was no exception to the rule, and a week before December 2, the date set for the dance, every one of the four hundred tickets had been disposed of. By Tuesday evening, it is needless to say, admission cards were at a premium.

The committee, under the able supervision of the Secretary, Mr. W. G. Wood, had spared no effort to make the decorations complete and lavish. Bunting was hung lavishly from the centre of the Gymnasium and the gallery was tastefully draped. Flags from other Colleges hung across the middle of the room.

The guests began to arrive early and were received at the entrance to the Gymnasium. At the half-hour the extra dances began and by 8.15, when the Government House party arrived, the hall presented a gay and animated scene. Immediately on Miss Mowat's arrival the first set of lancers was begun. The set of honor was danced by Miss Mowat with the vice-president, Mr. Hendry. Mr. W. G. Wood, the secretary, having Mrs. Loudon; Miss Salter and Mr. Biggs, Mrs. Galbraith and Captain Elmsley, A.D.C.; Mrs. Ramsay Wright and Mr. Ernest Paterson, Mrs. Harcourt and Dr. A. B. Wright, Mrs. McCurdy and Mr. Wilkie Evans, Mrs. Sweny and Mr. Frank McFarlane, Mrs. Baker and Mr. Gordon Fleck. Miss Mowat came in a gown of black sequins.

At eleven o'clock supper was served in the large up-stairs hall, the guests sitting down at tables set for eight, and decorated prettily with chrysanthemums.

The twenty dances and the numerous extras on the programme were danced off far too fast for the eager young dancers and all too soon came the "God Save the King" and the rush for carriages in the drizzling rain. All present voted the

If Frederick Lyonde name is on the bottom of your photograph your friends will know you patronize the leading photographer. Studio 101 King St. W. By far the best and finest equipped studio in Canada.

Rugby Ball of 1902 a huge success, for everything that goes to make a dance perfect, good music and perfect floor, was provided there.

THE HARMONIC CLUB TOUR.

Arrangements for the Harmonic Club tour in January are being pushed to completion. The tour will again include Ottawa, where the club was so well received last winter. Several dates have been made, and as soon as other engagements are made the details of the tour and the men chosen to go will be announced. The Club hopes to go to Montreal on the way home, or it may return by Belleville.

The Boys' Club has done excellent work during the last six weeks. The rehearsals have been attended well, and the Club plays with precision and taste. The Glee Club has made even greater strides, and the club has rarely done better work than it has this fall. The tour is planned for the third week in January. The city concert will be given early in February.

The Glee Club rehearsals will continue in the Gym. on Monday at 7 p.m.; on Thursday at 8 p.m.

The enrollment of students in law schools of the United States is 11,551. In 1892 there were 6,776.

Leland Stanford, Jr., University, is to have a new gymnasium costing \$31,000.

Each student at Yale is expected to pay eight dollars towards athletics.

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- Pioneer Cavendish
- Dukes Mixture
- Old English Curve Cut
- Players Navy Cut
- Players Navy Cut Mixture
- Durham
- Wills' Capstan
- Smith's Glasgow Mixture

In Cigarettes, in addition to the regular brands, we have the following imported goods:

- Turkish and Egyptian Melachrinos
- Dubec
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- Ogden's Guinea Gold
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We are just opening a full line of Pipes and Smokers' Sundries.

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IN CONNECTION

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MEDICAL FACULTY.

Senior Years.

Mr. Yin's impersonation of an orderly was much relished.

It is hoped he will work and graduate so he may Neal before the President and get his degree next June.

Mr. Turnbull's long-distance stethoscope will certainly become popular.

Sorry poor Thorne has two trunks to look after, but one will make a handy storeroom for excessive heat in the boarding-house.

Mr. Winter's "pull with the Faculty" has been much commented on and deserved to be mentioned in the menu—as also the pathetic incident of the "Twins at the operation."

The sketch "Nuff said" required no interpretation. It took!

Messrs. "Crook" and Crosby show to good advantage in their special chosen lines.

You won't get a mark for that!

Messrs. McInnis and Gray have gone to look after smallpox cases around Niagara Falls! Good luck to them both!

The annual dinner was, as usual, the best annual dinner held in Ontario, and can fairly be described as "A greater than has been"; but annual dinners get to be an old story to Senior Meds. whose minds are so taken up with examinations and text books and "cases" that more than a passing note on the great function would be out of place.

Mr. R. P. McLaughlin designed the front cover and furnished many of the works of art in the menu; Mr. E. M. Walker contributed some gems and Mr. McKinley's, '04, facile pencil did much to make the card a "thing of beauty"; others also added their "mites" in the way of sketches. Mr. H. C. McLean is blamed for the back cover and some pictures inside.

Contributed by the "Member" for North Mayo (with apologies to Mr. Dooley):

In our final year there are two men,

You see them every day,
It doesn't matter who you are—

They push you from the way;
Are always making quite a squeeze

To get right at the front.

'Most anyone can guess their names;

They are the brothers H—

And Mr. Dooley, Mr. Dooley;

They have him easily beaten for the
"place,"

But which one is "Wood," and which one
is "Coal"

Mr. Dooley-ooly-ooly only knows.

Junior Years.

The Freshmen are more proud than ever of Mr. Stewart, who so well represented them at the banquet in his speech in reply to the toast to "The Freshmen," proposed by Professor Primrose.

The song of '03 at the dinner caught the men of '05 immensely. All that is needed to develop the musical talent in the Second Year is a Dinnock to act as musical composer and director.

Mr. Jay, travelling secretary of the Student Volunteer Movement, addressed the Primary Medicals on Monday. Mr. Jay is returning to Africa, where he spent a number of years as Medical Missionary.

Dr. Primrose being absent on Monday, Dr. F. N. G. Starr gave a demonstration in Anatomy, instead of the usual lecture. Dr. Primrose was acting as examiner at the November examinations of the Ontario Medical Council.

Two Fosters spoke at the banquet, and if speeches are proper criteria we may look forward confidently to the time when the younger shall have made a name for himself at least equal in glory to that made by the elder.

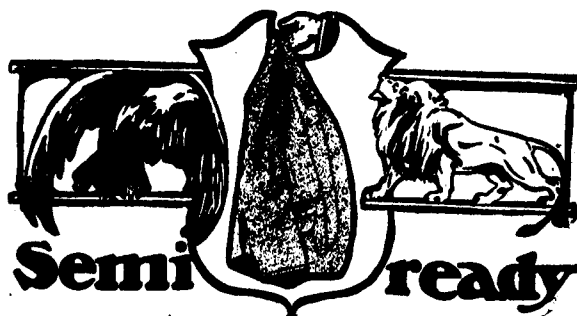
Mr. Graham, of Kingston, told a story of one of his fellow-students in Queen's,

who, at an examination in Physiology, explained the rhythmic rise and fall of the brain as "due to wind escaping from the lungs into the foramen magnum."

"George" has taken to amuse himself at the expense of the students who have occasion to visit his office. His latest victim was taken down a corridor to see a live bear that had been procured for comparative anatomy purposes. He found it in a looking glass.

As souvenirs of the banquet a number of the fellows secured autographs of the men of his own year, written with indelible lead on a wet pocket handkerchief. The handkerchiefs resembled Webb's table-napkins, but nothing is to be deduced from the resemblance.

The attendance of men from the First and Second Years at the dinner was in



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no wise due to the lectures given in such peculiar taste by certain Seniors in the presence of the invited guests from other colleges. The tone of the speeches mentioned was resented and did not help the sale of tickets.

On Tuesday last the Graduating Class of the Veterinary College visited the Biolog. on the invitation of Dr. Malloch, who showed them over the building. A considerable time was spent in the dissecting room, where the visitors and the dissectors exchanged notes on Anatomy, comparative and particular.

The Medical Section of the Provincial Passive Prohibitionists decided not to miss lectures on Thursday, consequently the vote on the Referendum was influenced negatively by their zeal for learning. Mr. Smillie, '05, did all that one man could do for the cause by going home to Hensal, Ont., to poll his vote.

Messrs. Ford and McLure have been appointed to represent the Senior and Junior Medicals, respectively, on the Track Club Executive. We look to them to boom athletics among their constituents with such effect that next year, with a united body to keep up enthusiasm, we may secure two or three championship cups as adornments for the new building.

Two Clarkes also spoke, the one ranking among the most scholarly men on the continent and the other a tyro in the study of Medical Science. The elder of this pair delivered a powerful address, such as was expected from the man of rich experience, and the younger made a speech of such real merit as to win the admiration of everyone who heard it. Once more it has been shown that no mistake is made by electing a Scholarship man to speak for the Second Year, and, again, it has been proven that Scholarships in the Medical Faculty go to the men whose abilities deserve them.

On Wednesday afternoon the reception committee had charge of the representatives from sister institutions to the dinner. All the points of interest in the city were shown in the course of a trolley drive, and calls were made at the old School and the Biolog. The latter building was reached about four-thirty, and in the dissecting room the representatives from McGill, Bishop's, Queen's, the Western, and also a number of those from the nearer neighbors were introduced to the Primary Class. Brief speeches were made and a number of stories told, interspersed by the yells of half-a-dozen colleges. We are too modest to repeat any of the

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thousand-and-one nice things said about our School and too proud to let anyone know how badly we felt when the new building was praised for its utility but compared with the structures of hewn stone adjoining it in point of beauty. After half-an-hour the bugle sounded outside and the visit was over.

SCHOOL OF PRACTICAL SCIENCE.

Mr. W. Jepson, '05, spent Sunday last with his parents (?) at Niagara Falls.

It is rumored that Mr. Gordon Fleck was seen near the School. Well done, Gordon!

The Engineers' dance has been fixed for January 9, and the committee have already got busy.

On account of "Force," Mr. Lander has left his happy corner. Mr. Jim Dumps is now "Sunny" Jim.

Messrs. Ben Patten and Brigham Young took flying visits home last week and incidentally voted for prohibition.

The S.P.S. Athletic Association will give championship badges to the winners of the Faculty and Mulock Cups.

"Beer"—commenced the lecturer in Applied Science, but vociferous applause prevented the completion of the statement.

"Shorty" Broadfoot, '05, has at last found his vocation. He has been duly appointed official lamplighter of the School.

Messrs. Ben Patten and Frank White were elected on Friday last to attend the Varsity dinner and the Dental "At Home," respectively.

"You are mixing up what you do know with what you don't know," asserted the lecturer in compound stress. This is a failing of ours.

Five-cent collections seem to be a fad in the Second Year. The correct thing, if one wants a toothpick, is to take up a collection to pay for it.

The Juniors have unearthed fifteen men who have played hockey with O.H.A. teams and they will make a great effort to land the Jennings Cup.

The Civils and Miners of the First Year recently arranged some of their difficulties in the orthodox fashion. Biff! bang! bump! and an honorable peace was concluded.

At a mass meeting held December 2 Messrs. R. W. Morley and W. A. Gourlay were elected as representatives to the Meds. dinner and the Victoria conversation, respectively.

On Friday night last the Engineering Corps defeated "G" Co., Q.O.R., in a game of indoor baseball by a score of 31 to 24. Engineering Corps battery: Alison, Baldwin, Charlebois.

It has been decided that the Association Intermediates play somebody or other for the Intermediate Championship on December 13. There is no doubt that they will take care of the School's reputation in a satisfactory manner.

Those who stretch far out of windows and exchange greetings with shrieking personages in tally-ho's, regardless of the danger that lurks in the rear, remind us of the ostrich and that clever trick of his we read about in story books.

Somebody has remarked that it is "up to" the School to claim the Ping-pong Championship. Yes, we are prepared to compete for championships with anybody in ping-pong, marbles, checkers, parchesi, old maid, or any other old thing going.

"R-i-v-e-t-e-d," shouted a Freshie, "R-i-v-i-t-e-d," roared another, whereupon great dissention arose among the assembled Freshies and a conflict was but narrowly avoided. Under the circumstances we would advise a referendum on the subject.

The return match between the Muckers and Oil Wipers was played Saturday, the 29th ult., amid six inches of snow. The game was very open and interesting, the brilliant runs of the Miners' half-backs was a feature. The score was 26-0 in favor of the Muckers, but the score does not indicate the play, which was very close.

There is a matter to which the attention of Dinner-Committees-to-be could be directed with profit, and that is to seeing that the yells of sister institutions are better known before sitting down to meat. As a usual thing, the School deserves no reproof along this line, but it was generally noticed at the recent dinner that at least one yell, that of Queen's, was lamentably weak and halting.

The problem has been solved at last. Why "Cups" come to the School so fast. The more we think, we wonder more. The reason was not seen before. From when we meet with Statics till In Compound Stress we try our skill, We're filled with "Force" from day to day.

From "Force" we never get away.

It is infused into our limbs,

Oh! What a bunch of Sunny Jims!

The time has come, we think, when something should be done to increase the amount of discussion at the Engineering Society. There seems to be a tendency to let paper after paper go by without any remark being made or question being asked concerning it, and in this way one of the most important advantages offered by the Society is ignored. In a well-conducted discussion frequently much more will be learned than from the paper or address proper.

UNIVERSITY COLLEGE.

The Alliance Francaise meets on December 13.

The Class of '06 will hold their first annual "At Home" this afternoon in the East Hall.

Mr. C. M. Colquhoun represented Morrisburg at the annual meeting of the O. H. A. on Saturday.

The '06 Debating Society discussed the question of the "Hustle" at their meeting on Monday on Monday.

It is rumored that some of his admirers have presented Mr. H. D. Hill, '03, with a razor in recognition of his persistency.

If you see Messrs. Hunter or Baird coming with an unknown man, drop everything and run. It is Beugough, the cartoonist.

Mr. L. K. File, '03, spent a few days at home last week. Two weddings in the

family gave him the excuse. He was not one of the participants himself.

A miniature attendant has been at last secured for the Union. Secretary Chadsey evidently believes in taking them young and training them in the way they should go.

The Beginners' Tournament of the Chess Club is well under way with Mr. Lang, '06, a probable winner. The Open and Handicap Tournaments will begin this week.

A series of Faculty dinners have been taking place in the dining-hall, of late. Almost any evening dignified Seniors may be seen eating from the same board as the Freshmen.

Mr. A. B. Wall, B.A., '98, an ex-editor of "The Varsity" and now city editor of The Woodstock Sentinel-Review, was around the halls last week looking up old friends and recalling old associations.

Mr. Andy Thompson took a flying trip home on Wednesday to cast a vote for those who wanted to see Mr. Jim Sutherland shovel snow. His enthusiasm was worthy of a better cause.

As a result of a bet on the Referendum between Messrs. Jim Sutherland and R. M. Mitchell, the latter will shovel snow for two hours before the main building. A strong-armed committee has been appointed to see that the conditions of the wager are complied with.

Y. M. C. A. NOTES.

The Rooms Committee have recently added The Literary Digest and The Saturday Evening Post to the magazines on the reading room tables.

Notwithstanding the large number of members absent on account of the Referendum vote, there was a very fair crowd present to hear Mr. F. Yeigh on "The Student's Prerogative." It was Mr. Yeigh's first address at the Association. He will be greeted with a still larger crowd the next time he speaks.

Rev. J. A. Macdonald, the brainy and versatile editor of The Westminster, will address this week's Thursday afternoon meeting on "The Student's Outlook." No man understands student life better than Mr. Macdonald, and a very large constituency of Undergraduates are looking forward to his address with great expectation.

THE DENTAL "AT HOME."

The Dental "At Home" to be given at the Temple Friday night promises to be a most delightful affair. The committee have been most assiduous in anticipating the comfort of their guests and a most enjoyable evening is assured. Glionna's and Marsicano's orchestras have been secured, and the beautiful assembly room in the Temple, festooned with garnet and blue, will be a joy to the heart of the Freshman.

The "At Home" is the one function of the College and is one of the most enjoyable events in College life around Queen's Park.

The committee announce a large sale of tickets, but a few may still be had from representatives in the several Years.

NOTICE.

The business manager of "The Varsity" will be in his office on Wednesday from 10 a.m. to 1 p.m. and on Thursday, from 11 a.m. to 1 p.m. to receive subscriptions.

Subscribers are asked to settle at their earliest convenience.

LOST.

Friends of the Literary Society are very anxious concerning the fate of the book containing the minutes of the Society between 1890 and 1902. The other minute books are in the Library, but diligent search has failed to reveal the whereabouts of the one in question. Any information concerning it will be most gladly received by Mr. W. H. McGuire, vice-president of the Society, or any other member of the executive.

Intelligent disagreement is morally and substantially healthy.

The Faculty of Lehigh has passed a rule prohibiting Freshmen from joining fraternities.

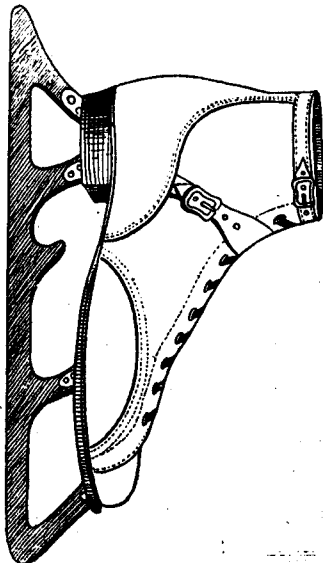
Watch the man who always tries to agree with you. He may be an incapable, if nothing worse.

The Athletic Council at Cornell voted recently to send a crew to England for the Henley races this coming summer.

Yale is organizing an automobile club which will establish a station for the storage and care of the carriages of its members.

McGill is proud of her football team. For the first time in the history of the University the Intercollegiate trophy is ours.—McGill Outlook.

J. BROTHERTON,
Hockey Boots, Skates, Sticks.
550 Yonge St.



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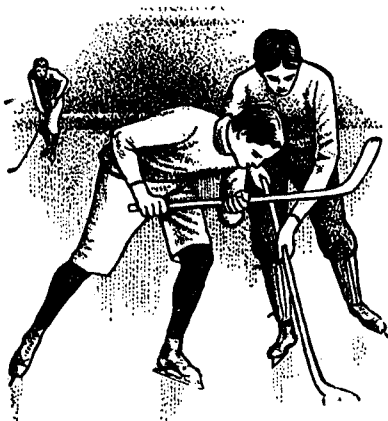
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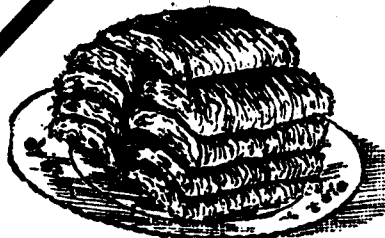
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