

The Varsity

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QUERY: WHAT IS FORESTRY

An Explanation of The Aims of The Smallest Faculty

Whatever explanation is given to this question it should be the aim of the informer to dispel from the public mind many of the notions that it has gathered about the subject, and in their place instill some of the main and important objects of the science. Most people associate forestry with some one thing, as, for instance, tree planting or some kind of scientific lumbering, both all right in their place, but they give a wrong impression when taken alone. Another idea very prevalent at the present time, and one that must be stamped out, is that of setting aside virgin timber for non-use, in forest reserves.

We are not at a loss for definitions, comprehensive and seemingly explanatory to the man already enlightened but needing much explaining to "the man on the street." It is from this explanation that the man is going to formulate his own definition, so that we should be careful to accentuate only the all important objects of the science.

Timber production is without doubt the ultimate aim of forestry, and not only timber but timber of a certain kind and quality is sought. Nature will, if left alone, to be sure, produce timber but not of the quality we want, at least not in anything like a reasonable time. If we kept out fire after lumbering nature would surely put a new crop on the ground, but seldom of a desirable species and within a reasonable time. Hence we see the need of the forester to direct Nature's laws.

Besides the production of timber, forestry may be used for the protection of the head waters of streams, insuring the uniform flow necessary for the production of water power and for the watering of agricultural soils, the holding of blow sand land, etc.; but in the natural order of things this will usually follow as an incidental to the real object, the production of timber.

All we ask to work on, then, is the "absolute forest soil", i.e., non-agricultural soil. Except in very few cases forestry practice will not prove superior on soils fit for agriculture, and one of the strongest pleas we can advance for the practice of forestry in Canada is that almost three-quarters of the Dominion is absolutely worthless except for the growing of trees. If we do not finally practise forestry on these non-agricultural soils Hudson Bay may as well cover the North Country, the Arctic Ocean, the North West Territories, and the Pacific the greater part of British Columbia. Finally then, we expect to be limited to the soils worthless for agriculture, so that the timber

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NEW SCIENCE PROFESSOR

A Canadian Who Has Done Things in Metallurgy

The appointment of Mr. George A. Guess to the position of Professor of Metallurgy is an event of prime importance. It shows an intent on the part of the Board of Governors to secure the services of men who have made a name for themselves in the commercial application of the sciences that they teach.

Mr. George A. Guess is a Canadian. An Ontarian by birth, his academic training was received at Queen's University, from which institution he graduated, in the year 1894, with the degree of Master of Arts, a degree that then implied in certain courses strong specialization in the sciences.

The first venture of the young graduate was in south-eastern British Columbia. In those days the college product had a hard row to hoe. The paternal instinct had not then been developed in the professional bosom. The graduate had to look out for himself. His ambition usually was to run an assay office. He was regarded with a hostile eye by manager and miner. In short, his path was strewn with no roses.

Of Mr. Guess's whole professional career it is impossible to give a detailed account. An attempt to penetrate his armour of reticence or modesty—or alloy of both elements—turns the point of the keenest enquiry. Suffice it to say, that he has specialized for a number of years in the metallurgy of copper ores in the United States, Mexico, and South America.

In the course of his professional work, Mr. Guess has visited all the more important copper smelters and refineries in the United States. His opportunities have been exceptionally favourable to the rounding out of his knowledge and judgment. He is typically the product of large commercial responsibilities successfully assumed. And, praise be, he is a Canadian.

We are glad to wish to Professor Guess the success that is sure to follow him in his University career.

SWIMMING

On Saturday afternoon, February 10th, at 3 p.m. the individual championship swimming meet will be held in the Varsity pool. The following events will be contested: 50 yards dash, 100 yards dash, 200 yards dash, 50 yards on back, Plunge for distance, Fancy diving. After these there will be a water polo game between the 1st and 2nd teams. The winners in the above events will represent Varsity at McGill on February 17th. Admission 25 cents, Ladies free.

Conductor—Your fare, miss.
Miss D—Really, do you think so?

UNREST IN INDIAN EMPIRE

A Graduate of Madras University Shows Significance of Durbar

This is a time of momentous problems, and none less than that of India. Consequently the address given by Mr. Abraham before Mr. Nicholson's Mission Study Class on Wednesday morning was of particular interest. Mr. Abraham is a graduate of Madras University, India, and is now attending Wycliffe College. He speaks very fluently and well in a tongue which is not his own, and his earnestness impresses everyone.

This is a time of unrest in India, said Mr. Abraham, and hence the visit of the King Emperor has great significance. He is the first sovereign, since the Empire was first formed to visit it, and he has been to a considerable extent the means of doing away with some of this feeling. Yet it is still there. It has been manifested on several occasions. Once, when a respected government official, beloved by many was shot in a train. Again when an attempt was made to assassinate Sir Andrew Fraser at a Y.M.C.A. gathering in Calcutta.

There are several causes of this unrest, but one of the important ones is the question of education. Only one select upper class received any education and the masses remained in total ignorance even of the a,b,c, of their own tongue. But the government has undertaken education and has established schools and colleges to which the masses may attend. They keep these entirely secular. As a result the Indian in getting his European training throws off his Indian idea of plurality of Gods, but also throws off the Christian system of one God. The works of Ingersoll and other Atheists, and Agnostics, which has had their day in England are used continually by these Indian students. There are many Christian schools, who teach Christianity and education combined. These are raising up good men, who are also loyal to the government as they have proved during the different periods of unrest. But there is the great danger from these others, and they it is who are largely at the base of this unrest. They get from European education the idea that they should be free, and they misinterpret it. They cannot govern themselves, and if England withdrew would be a prey to Russia.

There are many millions who get no education at all. At present there are 78,000,000 children under ten years of age, who have no prospect of learning even their own language. Hence comes the call to other members of the Empire to help their fellow-citizens—to help India.

Mr. Abraham's appeal was impressive. He clearly showed the need of his country for education—not education alone, but education tempered with Christianity.

S.P.S. MISSION PARTY

On Wednesday evening at the Y.M.C.A., a large number of School men were addressed by Mr. A. Thomson of Honan, China, on the Probable Industrial Expansion of China. Mr. Thomson paid special attention to the three most important phases of the awakening in China, namely, railway engineering, coal-mining, and the conservation of the wonderful river resources which takes in irrigation, navigation, water power development, and the checking of great floods so prevalent in that country. All this work is directly connected with the engineering profession. At present most of the transportation of coal is done by the good old wheel-barrow, but it is doomed to find its way to the shelf, now that railroads are stretching out over the country. The speaker explained the fatal mistake the Chinese have so far made at attempts to dyke in the great rivers, and the result that millions of lives and much property are wasted every year. Modern engineering alone, can control the wild freshets every year, and at the same time, utilize the water for navigation, irrigation and water power.

VIC. LADIES' DEBATE

On Wednesday afternoon the Woman's Literary Society of Victoria College held the final inter-year debate. Those taking part were Miss Luke and Miss Edwards for the second year, and Misses Adams and Farley for the fourth. Once more the vexacious question of Sunday Toboggning was raked over the coals. However, the sophettes had the better of the argument and if they have any influence on the City Council the slides will be closed. The winners also displayed better style in speaking.

DR. J. A. McDONALD

Gives Stirring Address on The "Call of The Nation"

In the West Hall last evening, Dr. MacDonald, of the Globe gave the students one of the finest addresses that they have been favoured with for some time. As Bill McQueen, the Master of Ceremonies, put it, Mr. MacDonald needs no introduction to Varsity students. After listening to his address your reporter decided there were lots of Varsity men who would be the better for an introduction to Dr. MacDonald. His address was entitled "The Call of the Nation" and was forceful and inspiring. The combined Y.M.C.A.'s and Y.W.C.A.'s are having these speakers every month and announce as their next speaker, Mr. Robert E. Knowles, the Canadian novelist.

Mr. MacDonald started by saying that there was a great, restless cry coming from the heart of our young nation. What are we to make of this country of ours? was the question. We must work out our own destiny. Next, what type of democracy is to be evolved out of the conglomeration of peoples found in Canada? We must improve on the democracies of Britain and the United States because we come after them and have been able to see the evidences of their mistaken administration. The "great, dumb crowd," whose wants must be seen to, calls aloud for leaders and these leaders must come from such institutions as the University of Toronto. This is the nation's call to students. "Our country needs something else other than big industries, big markets, big railroads; it needs the trained intelligence that comes from such men as you University students." "Things are what they are; their consequence will be what they will be; why then should we deceive ourselves were the words of John Morley. You cannot shift your moral responsibility and your call is to serve your nation. You must go out from your University and your words must be—We are among you as those who would serve."

HYA YAKA DANCE

On Monday Evening February 19th, the Annual Hya Yaka dance of the Dental College will be held in the Temple Building.

This event is one of the best affairs of the year and has always been a great success. This dance is given by the students, mainly for their friends in the other faculties and in the city. The committee in charge has arranged for a ten piece orchestra and a good time is promised to all. Invitations may be obtained from M. G. Vair, at Dental College, Phone College 811.

Varsity Carnival

Forget not Saturday evening, at the Stadium Rink. Prizes for Fancy Costumes. Band from 8 to 10. Admission 15c and 25c. Come Everybody!

Your subscription price to The Varsity, if not paid, should be sent in at once.

Kindly forward your money to the Business Manager, The Varsity, University of Toronto.

ANNOUNCEMENTS

Everyone should keep Saturday night open for the Skating Carnival at Varsity Rink.

A meeting of the Class of 1915, University College, will be held in the West Hall on Thursday, February 15th, at 4.30. All members of the class are earnestly requested to be present.

On Monday, February 12, at 4 p.m. Mr. Gordon Waldron, K.C., will give an address on "Goldwin Smith" at the meeting of the Modern Language Club, in room 65. All welcome.

The first of a short series of lectures on the relation of Philosophy to Religion, given by members of the Staff in Philosophy, will be delivered by Mr. W. G. Smith, on Friday afternoon, February 9, at 5 p.m., in the West Hall, on the Philosophical and Religious views of Immanuel Kant.

Owing to the illness of Professor Cappon of Queen's University the Saturday afternoon lectures of February 10th and 17th have been interchanged. The lecture Saturday afternoon will be delivered by Professor J. C. McLennan, Ph.D., on "Recent Advances in Physics." The lecture will be illustrated.

The Bible Study Conference, announced elsewhere in this issue, of the University Young Men's Christian Association will include the Annual Meeting of the Upper Canada Bible and Tract Society to be held in the Bible Training School, 110 College Street, on Thursday evening, February 13th, at 8 p.m. The addresses to be delivered are:—Rev. Professor Robert Law, D.D., "The Influence of the Bible in National Life." Rev. Professor Griffith Thomas, D.D., "The Influence of the Bible on Personal Life." Rev. Professor J. L. Gilmour, D.D., "The Partnership of the Bible Society and Missions in Circulating the Bible."

VIC. SKATING PARTY

Another "fuss" was added to the list, already long, of Victoria's annual events. The Athletic Union created a precedent on Wednesday evening by holding a Victoria Skating party. Everything went merrily as a marriage bell. There were fifteen delightfully long bands and the music seemed specially good owing to the contagious good-nature which prevailed everywhere. The whole affair was a huge success.

COMING EVENTS

- Feb. 9—School Dance.
- 9—Wycliffe Conversation.
- 10—Carnival at Varsity Rink
- 12—Class '13 Skating Party.
- 13—Columbia Ball.
- 13—Class 1914 U.C. Skating Party.
- 15—Trinity Glee Club.
- 16—Queen's Hall Dance.
- 17—Interfaculty Boxing, Wrestling and Fencing Tournament.
- 19—St. Hilda's Dance.
- 19—Hya Yaka Dance (Dental College).
- 20—Class 1915 U.C. Skating Party.
- 22—Glee Club Concert.
- 23—Indoor Track Tournament.
- 23—Victoria Senior Reception
- 24—Intercollegiate Boxing, Wrestling and Fencing Tournament.
- 26—Medical Daffydil Night.
- 26—Modern Language Club, Italian and Spanish Comedies.
- 26—I.C.D.U. Final Debate, Osgoode vs. McMaster
- 27—University Oratorical Contest.
- 29—Trinity Oratorical Contest.
- Mar. 1—Assault-at-Arms.
- 1—Victoria Senior Dinner



THE VALUE OF SCIENTIFIC TRAINING
(With apologies to the Author of a recent editorial).