

telephones, illustrating by showing many of the earlier forms. T. J. Mulvey, B.A., performed a number of instructive physical experiments on the transmission of the rays of light. He will read a paper at the next meeting on the different theories of light. The President solved some of the problems set by him at the May examination. H. S. Robertson was elected to represent the First Year on the Committee.

The interest manifested in these meetings is very greatly on the increase. When the Society was inaugurated, five years ago, the meetings were held monthly, with a fair attendance. On entering its third year they were changed to every three weeks, and this last year to every two weeks, with most satisfactory results. Arrangements have been made for papers to be read by graduates and undergraduates for each meeting of this term. Arrangements will be made for experiments of interest to every undergraduate in the Mathematical Department.

#### NATURAL SCIENCE ASSOCIATION.

On Tuesday evening last the Natural Science Association met as usual in their room in the School of Practical Science. The programme was opened by Mr. Wood, who brought before the notice of the Society a plan for determining the commoner minerals wholly by their physical properties and without the aid of anything but a knife and porcelain tablet. The method is largely used in the mining schools of Germany, where Mr. Wood has been lately studying, and seems to possess much to recommend it to the attention of students of mineralogy. Mr. MacCallum, B.A., then gave a short account of the investigations of the English scientist, Bateson, on the development and embryology of *Balanoglossus* showing that many points have been elucidated which seem to point to the likelihood of this animal being an ancestral form of the higher vertebrata. After some discussion of the above paper Mr. Shutt read an excellent essay on the Chemistry of Photography, giving an account of the various chemical reactions which take place in the process. There was a very fair attendance, and the prospects for the year are promising.

#### LITERARY AND SCIENTIFIC SOCIETY.

The first public meeting of the Literary Society for this term was held last night. Dr. Wilson presided. Mr. William Houston, M. A., the newly-elected President of the Society, delivered his inaugural, in which he enlarged on the advantages to be derived by the students from such organizations, but admonished them not to sacrifice their work in college to their work in the society. He quoted from Sir Lyon Playfair and Professor Chrystal to show that competitive examinations, as they were until recently conducted at Toronto University, were detrimental to the interests of true education. He was glad to say that the Senate had lately legislated to have the evil remedied. He considered this, together with the abolition of scholarships and medals, a move in the right direction, and trusted that the Senate would never see fit to retrace its steps. He alluded to the remarks lately made by Principal Grant of Queen's College, to the effect that Toronto University and similar institutions were "paper universities." Mr. Houston trusted that a more liberal system of examinations even than that whose good effects the undergraduates of Toronto University are now beginning to enjoy, would soon put an end forever to the possibility of such remarks being made and would establish in the public mind a higher ideal of education.

The quintette Gibbe's "Soldier chorus," sung by Messrs. C. W. Gordon, Tibb, Haddow, McLeod, and G. Gordon, was rendered so acceptably as to elicit a hearty encore, in response to which "Eulalie," was given. Will Carleton's "Jenny McNeil" was recited in good style by T. A. Rowan. Messrs. McLean, White, Kent, and Morphy received a well merited encore for their fine rendition of Pinsuti's "Good night."

A. F. Chamberlain opened the debate on the subject, Resolved: "That the present union among the Provinces of Canada is not likely to be permanent." He was supported by Mr. W. H. Hodges. The negative was represented by Messrs. James, Ross, and J. G. Hume. The arguments of the affirmative were chiefly confined to those issues with which the public have become so familiar since the late rebellion, viz.—French domination and differences in religion, nationality, and sentiment.

The arguments of the negative were based upon the success of the United States Confederacy, a like happy result being predicted for the Dominion also, that the preponderance of the Anglo-Saxon and Celtic elements of the population of Canada was a sufficient guarantee that French domination would not prevail.

Dr. Wilson briefly summed up and gave his decision in favour of the negative.

#### KNOX COLLEGE.

Public meeting of Literary and Metaphysical Society, November 6th.

Prof. Neff resumed lecturing on Elocution Oct. 27th.

Football is being entered into with enthusiasm. Fraser and Malcolm are welcomed from the Galt F. B. C.

T. M. Hardie, B.A. '84, has left Knox to study medicine at Trinity.

D. McKenzie, B.A., captured the scholarship in *Oriental* for Entrance on Divinity.

D. McGillivray, M.A., has commenced his Divinity studies after some years' teaching in Brantford.

University students in Knox this year are largely outnumbered by "theologs."

#### Y. M. C. A.

The weekly prayer meeting was held in Moss Hall on Thursday at 5 p.m. Mr. T. H. Rogers was the leader. Subject: 1 John 1:7: "If we walk in the light as he is in the light, we have fellowship one with another."

Fellowship means community of interests. If we would have fellowship with Christ and Christians, then we must come out of the darkness of sin into the light of purity and holiness. Union with Christ is essential in order to usefulness in His service. It is quite possible for us to be so far from Christ as to be incapacitated for service even while our personal salvation is not endangered. Christians have fellowship in that they have a common life, a common goal of all striving, and a common inheritance. These form a bond of union among them all. One speaker referred to the advantages derived from conversation on religious subjects. This may easily degenerate into cant, but there is no reason why Christ and His religion should be tabooed in ordinary conversation.

A business meeting of the Association was held on the same day at 4 p.m.

The report of the Building Committee was read. The report was received and the committee discharged. A new committee was appointed with Mr. A. J. McLeod, B.A. as convener.

The arrangements for the week of prayer were referred to the executive committee.

Action was taken regarding the association work at the News Boy's Home and hospital.

The subscription list for the building amounts now to \$5,903. The contract price is about \$5,850. It is necessary that the subscriptions be increased to \$6,500 at least in order to allow for extras. Besides this the furnishing will cost \$1,000. Subscriptions from any who have not subscribed will be gladly received by any members of the association.

#### TORONTO SCHOOL OF MEDICINE.

The first meeting of the term of the Literary Society in connection with the school, took place on the evening of Friday last. One of the most interesting parts of the proceedings was the reading of a paper on the "Therapeutics of Mercury," by Mr. J. W. Mustard. Mr. J. M. McCallum, B.A., was elected Recording Secretary for the coming year.

Amongst those entering medicine at the Toronto School this year are the following gentlemen who are either graduates or undergraduates of Toronto University:—W. H. Smith, B.A.; W. A. Smith, B.A.; E. Sicily, B.A.; J. McBride, M.A.; W. C. Barber; I. H. Collins; M. V. Mulcahy. E. C. Esshelby, (Ann Arbor) and D. Sinclair (McGill) are with us also.

Dr. G. A. Peters, House Surgeon, T.G.H., has returned from his holiday trip, and resumed his duties at the Hospital.

#### FOOTBALL.

##### 'VARSITY VS. VICTORIA.—ASSOCIATION.

On Saturday last the 'Varsity Association team played its first important match of the season. The game was the first tie in the Toronto group of the Central Association. The match was played on the Jarvis street grounds, the 'Varsity being represented by the following:—

Goal—J. N. McKendrick.  
 Backs—Charles Wright and J. S. Jackson.  
 H. Backs—E. Sliter, Hugh Fraser, and W. Malcolm.  
 Forwards—J. M. Palmer (Capt.), J. Elliott, R. Chrystal, W. Lamport, and W. P. Mustard.

All through the 'Varsity had decidedly the best of the game, although at the end of the first half the score stood one to *nil*