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# Educational Review.

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## EDUCATIONAL REVIEW.

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### CONTENTS:

	Page
Editorial.....	5
College Convocations.....	7
Nature Study of Animals.....	14
Current Events.....	20
School and College.....	21
Books and Magazines.....	23
The Royal Military College of Canada.....	23
NEW ADV.—The Imperial Oil Co., Ltd., p. 18; McMillan's Publications, p. 18; McRobbie Shoe Co., p. 1.	

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THE EDUCATIONAL REVIEW,  
St. John, N. B.

#### ALEXANDER MCKAY, M. A.

The greatest all round educationist which Nova Scotia has produced passed away at his home, Dartmouth, on April 8. He was specially strong as compared with his contemporaries on the moral side, and as a reformer.

He was born in Earltown, Colchester Co., July 16, 1841; commenced teaching in Pictou Co., 1856; graduated from the Normal at Truro after two sessions, in 1859. He taught thereafter in the counties of Digby, Colchester and Kings, resigning the principalship of the Wolfville schools in 1872 for the principalship of the Dartmouth schools.

In 1881 he was appointed to the Department of Mathematics and Science in the Halifax County

Academy; and in 1884 became supervisor of the Halifax schools, which position he resigned at the end of 1916 owing to his illness.

He filled many other responsible positions simultaneously. As advisory commissioner for Nova Scotia, he installed the Provincial Education Exhibit at the World's Fair in Chicago, 1893; and in 1902 was appointed by the Provincial Government as a member of the Acadian Commission. He filled for many years such positions as a director of the Victoria School of Art and Design, a director of the Halifax Ladies' College, a member of the Provincial Exhibition Commission, secretary of the Provincial Education Association for about forty years, lecturer in the first Technical Institute of Halifax in the seventies of the last century, lecturer in Education in Dalhousie University, president of the Summer School of Science, president of the Nova Scotian Institute of Science, president of the Temperance Alliance, a provincial examiner in Drawing and Educational subjects. He was also for many years associate editor of the EDUCATIONAL REVIEW.

No citizen had been more actively and usefully interested in public affairs. The Halifax School Board raised a monument to his memory while he was yet living in the fine Alexander McKay School.

#### BETWEEN OURSELVES.

It has been found advisable to discontinue the insertion of an index for the past volume of the EDUCATIONAL REVIEW, but a limited number of indexes have been printed and will gladly be forwarded gratuitously to any of our readers who desire to have a copy when having volumes bound.

We may also say that we shall be pleased to receive orders for binding of volumes from any subscribers, as we are anxious to encourage teachers and others to have the REVIEW preserved in a permanent and handy form for reference in the future.

We would remind our readers that the next issue of the REVIEW will be published on the last day in July and would request that any items of interest or short articles intended for same should reach this office not later than July the fifteenth.

We would call attention to the various advertisers using the columns of the REVIEW for their business announcements as we can thoroughly

recommend dealing with same. No advertiser is accepted by us which is not absolutely reliable and trustworthy, and we would say, that by dealing with our advertisers full value will be received and the best of attention given, particularly if reference is made to the EDUCATIONAL REVIEW when dealing with those who use its pages as an advertising medium.

In previous issues we have already intimated that special arrangements are being made whereby the EDUCATIONAL REVIEW will, we trust, become of more value than ever and we would respectfully ask our subscribers to please show their copies to their friends requesting that they send in the sum of one dollar (\$1.00) for a year's issues.

Space prevents mention of the numerous article which will be found in forthcoming issues of the REVIEW, but we can assure our readers that in spite of conditions brought on by the war the REVIEW promises to become of still further value, help and power in the Educational World.

We have purposely published the REVIEW a little later this month to enable the inclusion of the Convocation reports.

Will those subscribers who are more than one year in arrears (on the subscription-paid-in-advance basis) please note that such accounts have been placed in the hands of the Common Sense Collections Company (W. E. McMonagle, manager), 49 Canterbury Street, City, for collection.

We are doing this to curtail our expenses, and trust that such subscribers will kindly give the matter their early attention.

We have found it necessary to omit several of our regular features in the current issues owing to pressure on space, due to Convocation reports and increased advertising space, but same are being held over until the August number which will be published July 31.

#### SCIENCE AND EDUCATION.

Family influence and control has been associated with education since the latter was originated as an institution in the family. To make separation is only to court disaster yet both individuals and families have not the final voice in the matter; for organized education from its inception has been socially influenced rather than domestically. Priests and clergy were among the first concerned in it, but it has yielded in turn to the dominance of social castes, political aggression, philosophy's penetrating influence, social reformers will and demand, and now science is taking a hand in remaking, reforming and regenerating.

For science to come domineering into the educational realm where hitherto she has had little sway, before she is purged of the moral sophisms and selfish utilitarianisms of the political

drug of Nietzsche, would cause incalculable harm.

For science which all hoped would be for the betterment of man-kind has been added to the forces of hate and has compelled us to witness untold savagery, unspeakable display of lust, and more than mediæval barbarities.

"When I was young," said Mr. Balfour, in his address to Congress, "we used to flatter ourselves that progress inevitably meant peace and that growth of knowledge was always accompanied as its natural fruit by the growth of good will among the nations of the earth. Unhappily we know better now, and we know there is such a thing in the world as a power which can with unvarying persistency focus all the resources of knowledge and of civilization into the one great task of making itself the moral and material master of the world. It is against that danger that we, the free peoples of western civilization, have banded ourselves together."

At the present time it would appear that science as an aggressive weapon in the hands of Germany can be only successfully combatted by an increase of science on our part, by higher intelligence and increased efficiency.

But before we admit science to the first place in our educational systems, before we substitute science for the humanities in the schooling of our leisured classes we are right in demanding that it be science divorced from the philosophy which has culminated in Prussian militarism, and produced the supermen who, ignoring the accumulated humanities of the ages, have trampled upon Belgium. The chain of evidence is complete. Darwin and the evolutionists evolved a theory which Spencer, with perhaps too light a heart, carried over from the organic to the inorganic world. Building upon these philosophic theories, Nietzsche developed that cruel system whose bitter fruits the world is now testing. Christianity he believed fit only for slaves, while the theory of the survival of the fittest was amplified and extended to justify and inspire Prussian ambitions.

#### SELF-INTEREST VS. BROTHERHOOD.

All this is now commonplace, and it does not condemn science. For scientific method is a thing apart from the philosophy that has accompanied it. We believe that the heart of humanity will continue to reject as false those philosophical theories, and that a way will be found to separate them from the science that is to be taught in our schools and colleges. We are in great need of more and better science in schools and colleges, but before we ignominiously dismiss the culture of the humanities we may thankfully remember the mellow genius and rich humanity of Homer,

(Concluded on page 7)

## : : : COLLEGE CONVOCATIONS : : :

### N. B. UNIVERSITY.

The Encaenia of the University of New Brunswick was held on Thursday, May 17. The Sunday preceding the Baccalaureate sermon was preached in the Brunswick Street Baptist Church by Rev. P. R. Hayward, B. A., of Fairville. The sermon was in every way suited to the occasion and much appreciated by a large congregation.

The Encaenial proceedings were presided over by His Honour, Lieutenant Governor Wood. The opening address in praise of the founders was delivered by Professor Stiles. The theme of his address was the development and importance of Engineering Education and a review of the work accomplished by the University in this connection.

D. Gordon Willet, of St. John, read a portion of his Essay for which he had been awarded the Douglas Gold Medal. The Medal was presented to Mr. Willet by His Honour with appropriate remarks. The subject for next year's competition was announced as "The Supernatural in Shakespeare's Plays."

The Alumni Gold Medal for Latin translation was awarded by the Alumni Society to John F. McIntosh, of St. John. Mr. McIntosh read a portion of his translation, and the Medal was presented by Dr. W. W. White, the President of the Alumni Society. The subject for next year is the best translation into Latin Prose of Smith's History of Greece, chapter 36, sec. 11-13 (pages 429-43) beginning with the words "Their future route was now a matter of serious perplexity" and ending with the words "and expressions of the warmest regard."

The Montgomery-Campbell Prize for Classics was presented to Charles R. Smith, of Lower Coverdale, Albert Co., by Dr. J. B. M. Baxter. The Governor General's Gold Medal was presented by Dr. B. C. Foster to Leo C. Kelley, of Fredericton. Dr. H. V. B. Bridges, Secretary of the Alumni Society, presented the Brydone Jack Memorial Scholarship to Russell L. Snodgrass, of Young's Cove, Queens Co. The Ketchum Silver Medal and the City of Fredericton Gold Medal were both won by Austin P. McDonald, of Shediac Road, Moncton, for Civil Engineering subjects. The President of the Alumni Society presented the Alumnae Scholarship for second year work to Miss Maude M. McMonagle, of Fredericton. The William Crocket Scholarship of one hundred dollars in gold was presented to Walter R. Fleet, of Fredericton, for the best standing in the Latin and Greek of the first year. This prize was presented by Dr. H. S. Bridges, of St.

John. Dr. White's Prize for Freshman English was awarded to Miss Louise Friel, of Moncton. Sir Frederic Williams Taylor's Gold Medal for Athletics was presented to Gregory Bridges by Mrs. Wood. The Purves Loggie Memorial Scholarship of seventy-five dollars was won by J. Ellis Taylor, of St. John, for second year Applied Science subjects. This Scholarship, awarded this year for the first time, has been permanently endowed by the family of the late Purves Loggie, a former student of the University, who died in England where he had gone as a member of the Aviation Service of the Imperial Army.

Degrees were conferred as follows:

Degree of Doctor of Laws, *honoris causa*, Dr. Walter W. White, President of the Medical Council of Canada, and Col. Murray Maclaren, of the Canadian Medical Service in France.

Degree of the Master in Arts, *honoris causa*, A. Gordon Leavitt.

Degree of Master in Arts, in course, George J. Marr and Kenneth A. Baird.

Degree of Master of Science in Forestry, Peter Z. Caverhill.

Degree of Master of Science in Electrical Engineering, A. Foster Baird.

Degree of B. A., *ad eundem*, William T. Denham, B. A. (Acadia University)

Degree of B. A., with Honors,— Charles R. Smith, Latin and Greek, Class I., and Philosophy and Economics, Class I; D. Gordon Willet, Latin and Greek, Class I; Cecil H. Turner, Mathematics and Mathematical Physics, Class I; Leo C. Kelley, Natural Science and Chemistry, Class I; Maurice

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### SCIENCE AND EDUCATION.

[Concluded from page 6]

the luminously universal philosophy of Plato, the kindly worldly wisdom of Horace; and let us not forget that whatever the faults of the old education, and we admit them all, the great sages of antiquity were lovers of their fellow-men and that, taken as a whole, the ancient literature loved truth and hated tyranny, and that the last and best gift of the Greek language to the world was that incomparable record which displays a divine humanity and implicit Christian democracy which are still the remedies for the social and political, as well as spiritual, maladies of mankind. If science is the remote parent of the political and social teachings of the Germans then it must be a chastened and humbled form of science that we shall admit to our schools.

E. Smith, Natural Science and Chemistry, Class I; Isabel St. John Bliss, Philosophy and Economics, Class I, and English and French, Class I; E. H. Salome Townsend, Philosophy and Economics, Class I; H. Gladys Gregory, Philosophy and English, Class I; Arthur F. VanWart, Natural Science and Chemistry, Class I.

Degree of B. A., ordinary,— Dorothy B. Greene, Ella W. Thurrott, James Raymond Fraser, Jean M. Gorman, Whitman A. Haines, William V. Creaghan.

Degree of B. Sc. in Civil Engineering,— Austin P. MacDonald.

Degree of B. Sc. in Electrical Engineering,— Jasper A. MacGibbon, Harry C. Moore.

Degree of B. Sc. in Forestry,— George L. Miller.

The address to the Graduating Class was delivered by Sir Ezekiel McLeod, Chief Justice of New Brunswick, and the senior member of the University Senate. Sir Ezekiel gave encouragement and advice to the new graduates and tendered the best wishes of the University for their future success.

In the absence of the Alumnae Orator, Hon. J. D. Hazen, who was prevented from being present by urgent public business, Dr. W. S. Carter briefly addressed the meeting along patriotic lines, urging sacrifice and self-denial in the present crisis and pointing out opportunities for national service in enlistment for increased production at home as well as for actual fighting overseas.

The proceedings were brought to a close by the valedictory address by Charles R. Smith of the graduating class. Mr. Smith's address was particularly well delivered and was very favourably commented upon. Fitting reference was made to two former members of the class—Lieut. Austin Murray, of Campbellton, and Stewart E. Kitchen, of Fredericton, who during the year had been killed in action in France. Reference was also made to G. Roland Barnes, a member of the class, who for services on the field had been promoted to Major and had twice been awarded the Military Cross.

The leave of absence of Lieut. John Stephens, Professor of Mechanical Engineering, and Lieut. W. L. McDonald, Professor of English, has been extended for one year. Professor C. S. McGinnis will return to his work as Professor of Physics and Electrical Engineering next year.

#### MOUNT ALLISON.

The closing exercises at Mount Allison began with a reception in the Art Gallery on Friday evening, May 18. The next evening in the Charles

Fawcett Memorial Hall there was a double performance, both parts of which were full of interest: Gilbert's play, *Pygmalion* and *Galatea*, given by the pupils of Miss Curtis, was followed by an elaborate pastoral for which Blake's songs had been set to music by Prof. Fritz Read, who was the conductor on the occasion. These were good exhibitions of the work done by the Ladies' College in the School of Expression and in the Conservatory of Music. The Ladies' College has had a prosperous year in attendance and in results. Nineteen young ladies graduated representing various departments: Literary, household science, piano, drawing, arts and crafts. During the year systematic instruction has been given in gymnastics by a specially-trained teacher who has devoted her whole attention to the department. Classes have met regularly in the University Gymnasium. On Monday morning a very large company gathered on the hillside overlooking the lawn to witness the public drill, marching, wand-exercises, and club-swinging, of over a hundred young ladies. As a finale they formed to make the letters Mt. A. and sang a Mount Allison song, the words of which were composed by Miss Leah Borden, '10, and the music, a very taking air, by Miss Kathleen Smith, both of the staff of the Ladies' College.

The Academy and the University have in their attendance felt seriously the result of the war. Both have had a smaller registration than for many years. In the University residence there was less than one-half the usual number of boarders, and at the close of examinations twenty of those registered at the University and three or four from the Academy joined various units and put on the King's uniform. The graduating class at the University consisted of only twelve, nine of whom were young ladies. Of the three men all are physically unfit for service. At present over 400 graduates and former students of Mount Allison are in khaki. One impressive feature of the exercises was the Memorial Service on Sunday morning for those who had fallen in the war. The "Honour Roll," which was printed on the programme, contained the names of twenty-six old students and too late for the list came tidings of the death of two others. While these are serious sacrifices and losses for Mount Allison and the country, it is a source of pride that Mount Allison men have responded so nobly to their country's call.

The Academy gave certificates to eleven matriculants, to thirteen in book-keeping, and to twenty-six in shorthand and typewriting. The last two groups were made up largely of young ladies.

At the University Convocation in addition to the twelve mentioned above as receiving the Bachelor's degree, five took a Master's degree in

course. The degree of Bachelor of Music was conferred for the first time, and on one candidate, Miss Elsinore Tait of St John's, Nfld., who has pursued her musical course for several years at the Conservatory here, and at schools in Great Britain. The degrees "Honoris Causa" were: D. C. L. on Samuel M. Brookfield, the well-known citizen and philanthropist of Halifax; LL. D. on W. J. Gage of Toronto, the publisher, who founded the Muskoka hospitals for consumptives, and on Hon. J. Alexander Robinson, editor of the leading paper of St. John's, Nfld., and now Postmaster General of the Colony. Mr. Robinson was present and gave a vigorous patriotic address. Dr. Chown, Superintendent of the Methodist Church of Canada, was also present and addressed the Convocation. He is now in khaki, and, as Col. Chown, was on his way overseas. Among other visitors was Prof. Fletcher Peacock, Director of Manual Training for New Brunswick, who one afternoon inspected and afterward gave an address to the school of Household Science.

Next year Dr. Borden lays down his double task of the past two years and gives his whole attention to his duties as President of the University. Some changes in the University staff are likely to occur; one or two resignations and the coming of a new Professor of Biology. During the year a gift of \$1,000 was received from Dr. Emma Baker of Lutherville, Md., to assist in making courses in Biblical Literature and History more available for students in Arts. By the will of Mrs. Tuck of St. John, who died recently, \$1,000 was left to the University to found a scholarship in memory of her husband, the late Chief Justice W. H. Tuck, a former student of Mount Allison.

#### ACADIA UNIVERSITY.

At the coming of this, its seventy-ninth anniversary, Acadia had a unique experience, due to the present war conditions. It has been the unbroken custom for the Baptist people of these Maritime Provinces to assemble at Wolfville in apple-blossom season to enjoy the public exercises connected with the year's closing of educational work. But this year, owing to the continued conflict of the nations, all public demonstration was eliminated, as far as the College and Academy were concerned, and the students in these schools quietly dispersed in various directions. The demand for men to work on the farms, or in some form of national service, issued in a decision to end the term two weeks earlier than the date advertised, so as to permit the young men to get to these spheres of activity. It was something for the graduates to give up the anticipated pleasures associated with formal

graduation, but these they were more than willing to forego for the large interests now absorbing the attention of Canadians.

The senior class of the Academy numbered, in the collegiate department, thirteen, and in the business department, twenty-two. The total enrolment in the College was less than one-half of the normal — another evidence of concern for the winning of the war by the Allies. The graduating class had twenty-one, the smallest for many years. Five of these were from New Brunswick and the others belonged to Nova Scotia. One took the M. A. degree in course; eighteen the B. A. degree; and two the B. Sc. degree. Four of these graduates were "with the colors."

In our report of a year ago mention was made of the fact that on commencement day four mothers then received diplomas for their sons who had gone to the front. One of these mothers, Mrs. DeWolfe, wife of the Principal of Acadia Seminary, today mourns the death of her son Burton, who was killed in action. One of the speakers on that day was Fred C. Manning of St. John, who stood before the audience dressed in khaki and about to go overseas. Sad to relate he, too, is now among the slain. A glorious day will it be, indeed, when our righteous cause triumphs and this loss of precious lives shall cease.

Acadia Seminary, the girls' school, closed at the usual time, May twenty-ninth. The attendance during the year, including resident and non-resident pupils, was two hundred and twenty-one. An excellent series of recital was given by the graduates during evenings preceding the day of graduation. The graduation class numbered twenty-four. Much interest was shown in the winding-up of the year's labors, but this was, of course, not so great as usual because the schools in affiliation had broken up in advance, thus diminishing the customary number of visitors. Let us hope that, if at all possible, this sad war may be over when the time comes round for the opening of another college year.

R. Y. E.

#### DALHOUSIE UNIVERSITY.

The Convocation of Dalhousie University was held in the Reading Room of the new Macdonald Memorial Library on the afternoon of Thursday, May 10th. On account of war conditions all closing functions of the University were very quiet. The effect of the war on the attendance was strikingly evidenced by the fact that the degree of B. A. was conferred on only six men and thirteen women; whereas the graduating class of 1897, which was having a reunion this year, consisted of thirty-one men and six women. Even of the six

men receiving their degrees only three were in Arts attendance during the past session. The other degrees conferred during the year were one Master of Arts, one Bachelor of Engineering, two Bachelors of Music, and one Licentiate in Music, nine degrees in Law, fourteen in Medicine and two in Dentistry; a total in all Faculties of forty-eight. No honorary degrees were conferred. This was not on account of the war, but rather the result of the practice of the university in this respect — to confer its honorary degree with sparing hand. Only thirty-two such degrees have been conferred by Dalhousie in fifty-three years.

The number of Dalhousie students in khaki is 230 and the corresponding number of past students and graduates known to be enlisted (probably there are as many more) is 250, a total of 480 Dalhousians.

Already thirty-seven have given their lives and two are missing, eleven men have received the Military Cross, one the D. C. M. with bar and one the D. S. O. This is a very striking record.

A very able and thoughtful address on Educational Ideals was given by the Rev. J. Macartney Wilson.

President Mackenzie announced a gift of \$25,000 from Mr. and Mrs. George S. Campbell, to found a series of scholarships in memory of their son George, B. A. '15, who lost his life at the front. These scholarships of the value of \$200 are to be competed for at the matriculation examinations of next September. One is assigned to New Brunswick, one to P. E. Island, and one to C. B. Island.

The other gifts which came in during the year were \$15,000 from the estate of the late Joseph Matheson, of Lower L'Ardoise, C. B.; and \$96,000 from that of the late John Macnab of Halifax.; and \$1,000 from President A. Ross Hill, of Missouri University, in memory of his late wife (Agnes Baxter of Halifax). The interest is to be used for the purchase of books in pure and applied mathematics.

#### KING'S COLLEGE ENCAENIA.

The proceedings of "Encaenia Week" at historic old Kings were opened on Sunday May 20 when Rev. W. W. Judd, M. A., preached an inspiring Baccalaureate Sermon.

The regular annual meeting of the Haliburton Club was held in the Haliburton Room, King's College, on Monday evening at 8 p. m., the president of the Club, Professor J. B. McCarthy, presiding. A very large number of guests was present and the general tone of the meeting of perhaps the most interesting of the organizations connected with "Old King's" was one of enthusiasm and genuine good fellowship.

After the reading of the minutes of the last annual meeting by the Secretary, Mr. C. O. Farrar, one of this year's graduating class, the president made the report of the year's work showing eight meetings held and ten original articles submitted, a slight falling off in the number of meetings owing to the general stress of the times; but an increase proportionally in the amount of original work done. He referred touchingly to the deaths of Haliburton members on the battlefields of Europe and commented briefly upon the enlistment of Haliburton members in such generous selflessness in the cause of Empire.

After the president's report the regular programme for the evening began.

The second number, a paper by a Windsorian, Professor Lionel A. Forsyth, on "O. Henry, the man who found himself," was listened to with intense interest and was at its close heartily applauded.

The meeting later adjourned to Commons Hall where a repast awaited the company.

The annual meeting of the Alumni Association of King's College was held in Convocation Hall on Wednesday, the 9th of May at 9.30 a. m. In the absence of the President, Judge Forbes, Ven. Archdeacon Martell occupied the chair until the arrival of the vice-president, Canon Vroom.

The business considered was the report of the executive committee. The report presented to the members the effect of the great war on the College, the particulars of the new Advance Movement, the work of the College and King's College School during the past year, the proposal of a summer school for Sunday school and Missionary workers, suggestions for an investigation into the decreasing attendance at Alumni meetings, references to the enlistment of graduates and students and to the use of college buildings by the military authorities, an appeal to friends of King's to be up and doing that the College may be prepared to do its part in the great work to be done after the war, and in the closing paragraph was a long list of members of the University who have passed to the Great Beyond during the past year, including the names of Sir Frederick Borden, Rev. Canon Bullock, Dr. Henry S. Poole, the Right Rev. Bishop Walker and the following Kingsmen who have made the supreme sacrifice on the battlefields: Capt. G. L. B. Concannon, Lieut. H. W. Campbell, E. R. McCormick, G. A. Turnbull, Lieut. K. A. Campbell, Lieut. A. L. Collett, and R. P. Orchard. Of the Associated Alumni the committee reported the death of a life member, Nelson Woolaver, and of Lieut. W. Gore Foster, killed in action.

On Wednesday afternoon, May 23, the Board

of Governors of King's College met for their regular annual meeting. The Board went fully into the financial affairs of the College and made changes in the staff insofar as such changes were deemed actually essential in the interests of economy.

On Wednesday evening the Student's Dramatic Society presented *Contrary Mary*, a comedy in three acts by Edith Ellis. The play was of the usual high standard of King's College productions, the caste, under the direction of Prof. Forsyth, having evidently given a great deal of time and study to the play. After the play the students and their guests were present at a reception given by Professor and Mrs. L. A. Forsyth.

Thursday, the 10th of May, students and visitors formed up for the procession to Christ Church for the annual University Sermon. The preacher for this year was the Very Rev. Scovil Neales, Dean of Fredericton.

A luncheon given for visitors in Commons Hall at 12.30 Thursday, was largely attended. His Grace the Archbishop of Nova Scotia presided. After a most enjoyable meal, His Grace called upon the following gentlemen for brief remarks, His Honor Judge Savary, the oldest but one of King's living graduates; Dr. J. B. M. Baxter, former Attorney-General of New Brunswick, R. W. Hewson, Esq., of Moncton, N. B.; His Honor, Judge Armstrong of St. John.

#### CONVOCATION.

At 2 p. m. the Chancellor of the University, Sir Charles Townshend, opened the annual meeting of Convocation in Convocation Hall.

Among others the following degrees were conferred:

##### (A) DOCTOR OF DIVINITY, JURE DIGNITATIS.

The Very Rev. Scovil Neales, M. A., Dean of Fredericton; The Very Rev. Cecil S. Quainton, M. A., Dean of Columbia.

##### (B) DOCTOR OF CIVIL LAW, HONORIS CAUSA.

Matthew Wilson, Esq., K. C., Chatham, Ont.; W. W. Blackall, Esq., B. A., St. John's, Nfld; His Honor Judge Armstrong, St. John, N. B.

##### M. A. DEGREE (IN COURSE.)

Rev. A. Ritchie Yeoman, Rev. W. Leslie Armitage, Rev. S. E. Harrington, Rev. R. Mills Fairbairn, Rev. M. Paul Maxwell, Mr. Brenton F. Porter. Overseas: Capt. D. M. Wiswell, Lt. G. H. Morrison, Bdr. L. T. Wilkinson, Rev. W. L. Clark.

##### M. A. DEGREE (AD EUNDEM).

Miss L. I. Warren, M. A. (Tor.)

##### B. A. DEGREE (IN COURSE.)

(M. S.) M. G. Goudge, Windsor.

Class II — Miss N. F. Warburton, Mr. G. E. Trueman, St. John, N. B.; Mr. R. A. Millar, Eng.

Class III — Mr. C. O. Farrar, New York; Mr. W. M. Knickle, Lunenburg.

#### DIVINITY, POST-GRADUATE.

Rev. E. Jukes, B. A., Class I — Latin Patristics, Old Testament Church History, Apologetics.

Class II — Greek Patristics, Christian Ethics, Dogmatics.

Pass — Liturgics, Greek Testament, New Testament Canon.

R. E. J. Britton, N. B., Class II — Apologetics, Church History, New Testament Canon.

Pass — Liturgics, Old Testament, Dogmatics, Greek Testament.

#### DEGREE OF B. C. L.

Arthur Lindsay Dykeman, William Scott Muir Kennedy, William John Shea, N. A., John Allan LeBlanc, B. A., Harold Cyril Ramsey, Thomas Kevin Sweeny, J. Wilfred Tait. Kiyoshi Nakai, L.L. B. (in absentia.)

Governor General's Medal — Miss Norah Warburton, Charlottetown, P. E. I.

Proxime accessit—G. E. Trueman, St. John, N. B.  
McCawley Classical Scholarship — not awarded.  
Akins Historical Prize — not awarded.

Stevenson Scholarship (Oct. 1916) — A. E. Gabriel, Halifax, N. S.

Almon Welsford Testimonial — not awarded.

McCawley Hebrew Prize — not awarded.

Bishop Binney Prize — not awarded.

Wallace Greek Testament Prize — not awarded.

Binney Exhibition — T. M. How, Annapolis, N. S.

Harry Crawford Memorial Prize — Miss Blackall, Grand Falls, Nfld.

Henry D. deBlois Prize in English — G. E. Trueman.

Jackson Exhibition (founded by the Rev. G. O. Cheese) — T. B. Wintle, Truro, N. S.

McDonald Prizes — Rev. E. Jukes, B. A., Trenton, N. S.; G. E. Trueman.

After Convocation, Dr. and Mrs. Boyle were at home to the visitors, who in large number enjoyed the hospitality of President's Lodge. This social hour brought to a close another year at the "Pioneer University of Britain Overseas."

On the evening of Encaenia day the students of the College gave a small dance in Commons Hall, a most enjoyable little function, at which Mrs. Harley and Mrs. Forsyth were chaperons. Dr. and Mrs. Boyle and their guests, the Rev. Dean and Mrs. Neales and Mr. and Mrs. R. W. Hewson were also present.

The annual meeting of the Alexandria Society of King's College was held at the Parish Hall.



## THE UNIVERSITY OF ST. JOSEPH'S COLLEGE.

In the Lefebvre Memorial Hall at St. Joseph's College, St. Joseph, Westmorland Co., N. B., on May 16, 1917, there was held before a large audience comprising, besides many visitors, the faculty and the students of the College, and of the Sacred Heart Convent, the annual debates of the Lefebvre Bilingual Society. The speakers of the evening were: Frank Cushen of Sydney Mines, N. S.; Albert Dionne from Edmundston, N. B.; Roy McDonald, of St. John, N. B.; Noel McLaughlin, Bouctouche, N. B. Messrs McLaughlin and McDonald upheld the affirmative of the French Debate, the subject of which was, "That Germany, more than Austria-Hungary, is responsible for the war.

In the English debate which was, that Canada should adopt a system of nation-wide prohibition, was upheld in the affirmative by Messrs. McDonald and McLaughlin, Messrs Cashen and Dionne arguing in the negative.

The judges of the debate were Rev. Wilfrid Sommeny, Rochersville, N. B., chairman, and Mr. E. A. Reilly, K. C., and Antoine Legere B. A., Moncton, N. B., who awarded the decision of the debate on the war to Messrs. McDonald and McLaughlin; while they decided the debate on prohibition in favor of Messrs. Cashen and Dionne. Mr. Legere and Mr. Reilly, in the course of their remarks in announcing the decision, congratulated the speakers on the excellence of the debates both in composition, grasp of subject and fluency of delivery. Especial credit was given to Mr. McDonald of St. John, and Mr. Cashen of Sydney Mines, for the excellence of their French speeches, in spite of the fact that it was their first appearance in public speaking in the French language. Both made a splendid impression for their fluency in both languages.

During the evening music was furnished by the college orchestra, under the direction of Mr. Mansell O'Neil of St. John, N. B. Robert Nugent, with piano accompaniment by Roy McDonald, sang in pleasing baritone voice, "Tenting on the Old Camp Ground." The college choir, directed by Rev. E. A. Mondous, C. S. C., M. A., sang several selections. The programme was brought to a close by the singing of "God Save the King."

Among the visitors, besides the presiding judges, were Rev. Albert Landry, Sackville, N. B., Mr. M. McLaughlin and Miss Helen McLaughlin, Bouctouche, N. B., Dr. Yvon Gaudet, Moncton, N. B., Mr. George Legere, Moncton, N. B., Mr. Clovis Richard, F. A., student at Dalhousie College, Halifax, N. S., Mr. Aurel Gaudet, P. A., student at John Hopkins University, Baltimore.

## DEGREES, DIPLOMAS, SPECIAL PREMIUMS.

M. A. (Master of Arts).— Frank A. Hourihan, Neepawa, Manitoba. Thesis: "The Church and Education."

B. A. (Bachelor of Arts).— J. Emile Boucher, Riviere-du-Loup, P. Q.; T. Frank Cashen, Sydney Mines, N. S.; J. Albert Dionne, Edmundston, N. B.; Roy M. J. McDonald, St. John, N. B.; A. P. Noel McLaughlin, Bouctouche, N. B.; J. Henry Milligan, Milltown, N. B.

B. L. (Bachelor of Letters).— B. Maurice Bourgeois, Fitchburg, Mass., U. S. A.; P. Guillaume Brideau, Tracadie, N. B.; Pea Martin, St. Hilaire, N. B.

Commercial Diplomas.— Joseph Thibault, Isle Perte, P. Q., with great distinction; Augustin Dallaire, Ste. Marie, N. B., with great distinction; Paul LeVasseur, Kenogami, P. Q., with great distinction; Evariste Legere, St. Antoine, N. B., with distinction.

Typewriting Diplomas (50 words per minute).— James Dunne, New York, N. Y., U. S. A.; Augustin P. Dallaire, Ste. Marie, N. B.; Evariste Legere, St. Antoine, N. B.; Paul LeVasseur, Kenogami, P. Q.

Sprott's Writing Diplomas.— Lionel Belliveau, Riviere du Loup, P. Q.; Joseph Begin, Sayabec, P. Q.; Gerard Chamberland, Millstream, P. Q.; Tilmon LeBlanc, Moncton, N. B.; Joseph Thibault Isle Verte, P. Q.; Arthur Pelletier, Riviere du Loup, P. Q.; Arthur Dufour, St. Moise, P. Q.; Georges St. Cyr, Quebec, P. Q.

Shorthand Diplomas.— Paul Levasseur, Kenogami, P. Q.; Joseph Thibault, Isle Verte, P. Q.; Thomas Levesque, Baker Brook, N. B.

## HONOR PREMIUMS.

University Course (\$10 in gold).— Presented by Hon. W. B. Chandler, Moncton; awarded to Albert Lemenager, Grande Digue, N. B.

Academic Course (\$10 in gold).— Presented by Hon. W. B. Chandler, Moncton, N. B.; awarded to Frank Gillen, Moncton, N. B.

Grammar School (\$5 in gold).— Presented by Rev. M. LeBlanc, St. Martin, P. Q.; awarded to Camile Richard, St. Ignace, N. B.

Philosophy Premium (\$10 in gold).— Presented by Right Rev. E. A. LeBlanc, D. D. Bishop of St. John; awarded to Pea Martin, St. Hilaire, N. B.

Poirier Premium (\$10 in gold).— Presented by Hon. P. Poirier, M. A., Senator, Shediac, N. B., as a special premium for "Veracity," awarded to J. Emile Boucher, Riviere du Loup, P. Q.

Melanson Premium (\$10 in gold).— Presented by Hon. O. M. Melanson, Shediac, N. B., for

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Myers Premium (\$10 in gold).— Presented by Dr. A. R. Myers, M. A., Moncton, N. B., for excellence in English; awarded to H. Henry Milligan, Milltown, N. B.

Science (Gold Medal).— Presented by H. H. Melanson, B. C. S., Moncton, for excellence in the Superior Course of Sciences; awarded to J. Albert Dionne, Edmundston, N. B.

Reilly Premium (\$10 in gold).— Presented by E. A. Reilly, K. C., Moncton, for excellence in Mathematics; awarded to Henri Binet, Magdalen Islands.

Murray Premium (\$10 in gold).— Presented by Stanley M. Murray, Canadian Army Medical Corps, France, for excellence in Mathematics in the Academic Course, Grade XI.; awarded to Frederick C. Carney, Oromocto, N. B.

#### UNIVERSITY OF ST. FRANCIS XAVIER, ANTIGONISH, N. S.

##### CLASS STANDING FOR 1916-17.

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##### MEDALS AND PRIZES

Highest aggregate in the Freshman Year,— \$50.00, donated by Hon. Senator Crosby, awarded to James Edward MacArthur, Grand Mira, Nova Scotia.

Prize of \$10.00 for Modern Languages in the Freshman Year, awarded to Richard Valentine Bannon, Antigonish, N. S.

Highest aggregate in the Sophomore Year,— \$15.00, donated by Rt. Rev. Bishop Morrison, awarded to James C. Boyd, River Bourgeois, N. S.

Highest aggregate in the Junior Year,— \$15.00, awarded to Thomas H. MacEvoy, Dalhousie, New Brunswick.

Prize of \$50.00 for Junior Philosophy,— donated by Hon. Senator Crosby, awarded to Blaise Campbell, Victoria Mines, N. S.

Highest aggregate in the Senior Year,— \$15.00, awarded to Patrick Wilfred Thibeau, Thibeauville, N. S.

Gold Medal, for Senior Philosophy, donated by Hector Y. MacDonald, Esq., Barrister, Regina, awarded to Patrick Wilfred Thibeau.

Highest aggregate in the Engineering Course,— \$10.00, awarded to Everett Dolan, South Nelson, N. B.

Prize of \$25.00 for highest aggregate in the Pre-Medical Subjects,— donated by Dr. R. F. MacDonald, Antigonish, awarded to Daniel M. MacNeil, Grand Narrows, N. S.

Second Prize of \$10.00 for Pre-Medical Subjects, awarded to W. J. McNally, Ottawa, Ont.

Prize of \$10.00 for Biology, donated by Dr. G. H. Murphy, Halifax, awarded to David MacIntyre, Boston, Mass.

(Continued on page 22)

#### NATURE STUDY OF ANIMALS.

H. G. P.

The present year is a most opportune time for all phases of nature work, but especially those aspects of it that bear more directly upon greater food production. We are anxious for extensive plantings and for large returns. The dire necessity of our times is vindicating the cause of agricultural education and the school garden, and all that they stand for, in a most successful manner.

The boys and girls in our school garden courses have learned to do by doing, and the garden is to them something more than a place for growing plants. They have learned that attention and thought are necessary for the best returns. They have had their first lessons in plant diseases, and have come to understand something of the great part played by beneficial and injurious insects, and other animal forms, such as earthworms, slugs, snails, toads, snakes, birds, etc., etc., in all agricultural operations.

It is along the animal-side of this work that we wish to make a few suggestions at this time, confining our remarks to a few simple directions, and mentioning very briefly some important insect forms, etc.

##### SCHOOL COLLECTIONS.

One of the first things to do, as you are studying the forms you find around your garden, is to make a collection of preserved specimens. The larger forms like snakes and toads, and the larvae of insects and earthworms, are best preserved in alcohol, about 90% strong. Use glass containers: pint fruit jars for the larger forms, large mouthed two ounce bottles for intermediates, and small shell vials for insect larvae, etc. It adds much to the appearance of the collection if care is taken to select containers of three or four uniform sizes.

The adult insect forms, however, are best preserved in a dried state. They are first killed in a cyanide bottle and then dried in certain positions, which are standards for the different orders of insects.

In preparing Lepidoptera, butterflies and moths, a special board is required called a spreading

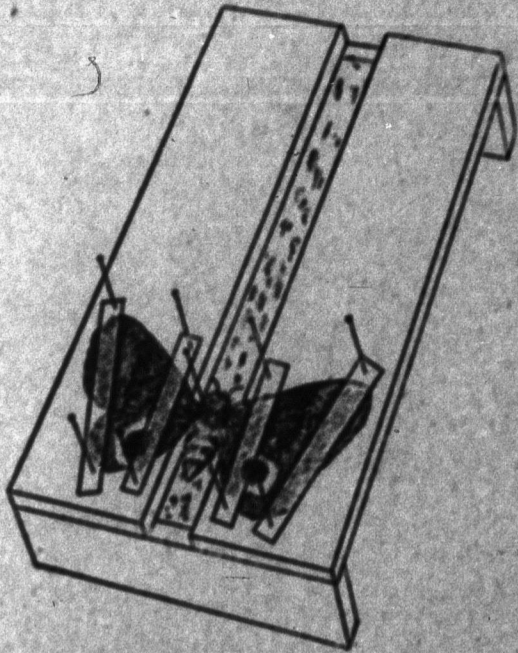


Fig. 1. Board showing method of spreading a moth. (Reduced).

board, see Fig. 1. In spreading the wings the front pair are brought forward until the hind edges are at right angles to the body, the antennae are placed in natural position and the specimen allowed to dry. In some cases it may be of advantage to prepare a specimen with its wings in natural position.

In the ordinary grasshopper and allied forms the wings may or may not be spread, but the usual method is to spread the wings on the right side of the body. Care should be taken to arrange the

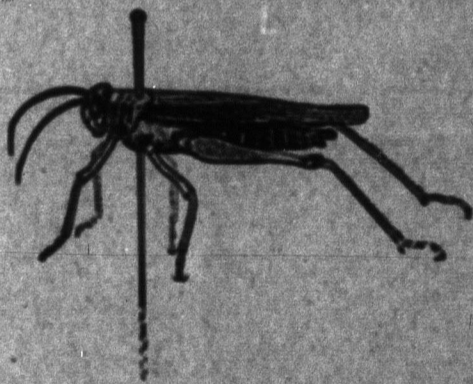


Fig. 2. Showing method of pinning and arranging a locust.

legs and antennae. See Fig 2, for the position of the antennae of the locust. The long antennae of the true grasshopper should be laid back over the body, if possible.

In bugs and beetles the wings are not spread, but the legs and antennae are placed in natural position. Fig. 3.

In flies, and also in bees and wasps and their allies, the wings, if not spread, should be extended and the legs placed in position. Fig. 4.

For permanent storage of insect collections two kinds of boxes may be used: One in which the specimens are held in position by pins through their bodies. (If this method is being used the pins must be inserted through the insects before

they are mounted for drying.) Note the position of the pins in the different orders, as shown in Figures 1, 2, 3 and 4. The other consists of a shallow box, not more than an inch in depth, filled with closely fitting layers of cotton batting. The dried specimens are placed on the cotton and a closely fitting glass cover placed over them and held in position with a binding of passe-partout.

The Schmitt insect box (Fig. 5.) is one of the best on the market for pinned insects. These boxes come in two sizes, twelve by fifteen inches, and eight and one-half by fifteen inches, and are lined with pressed cork. An inexpensive form of this kind of box is easily made for school collections from empty cigar boxes. Select those only of fifty cigar capacity (about eight inches long, five and a half inches wide, and two and a half inches deep) for this work. Cover the floor of the box with a closely fitting sheet of corrugated paper, such as is used for pictures backing and in the making of some packing cases, and fasten it in position. This thick paper floor is for the reception of the pins.



Fig. 3. Showing method of pinning of beetles and bugs.

Whichever kind of box is used, all the specimens of a species should be kept together in one box as far as their size will permit. When filled, cover with glass, and bind securely in place with passe-partout. It is absolutely essential to make both kinds of boxes so tight that the little Dermestid beetles cannot get into them, otherwise they will soon destroy your specimens.

Along with the general collection, some boxes should take the nature of life histories, especially of the more pronounced injurious forms. In such boxes specimens of the adult, both male and female wherever there is a striking difference in form, the eggs, the larvae, and the resting stages should all appear.

In preparing a cyanide bottle select a wide mouthed bottle and a good cork to fit it tightly. In the bottom put an ounce of potassium cyanide, broken into small pieces, moisten it with a few drops of water and cover it with a thick mass of cotton batting, cut a disc of thick card or corrugated paper to fit tightly in the inside of the bottle



Fig. 5. A Schmitt Insect-Box, opened to show arrangement of insects.

do for nearly all purposes, use No. 5 for the larger moths and butterflies. Ward's Natural Science Establishment, College Avenue, Rochester, N. Y., will be pleased to quote prices on insect pins, etc., upon request.

"The collector should be careful to have all the insects at the same distance from the head of the pin, this not only makes the collection look better, but also makes it much easier to handle and study. The general rule followed by entomologists is that one-fourth of the pin shall project above the insect."

Fig. 1 shows the construction of a spreading board. "Two soft-pine boards are placed parallel on short crosspieces, the boards being at a slight angle to each other. The edges of the boards should be from one sixteenth to one-half an inch apart, depending on the size of the insects to be mounted." A strip of sheet cork or soft-pine is fastened to the underside of the boards. The insect is pinned in the ordinary manner and the pin is then forced through the sheet cork or soft-pine, as the case may be, until the dorsal portion of the insect is nearly level with the upper surface of the boards; the wings are then brought forward

and force it down upon the cotton and cyanide. Avoid breathing any of the fumes; keep the bottle tightly corked, and label POISON. Renew the card discs whenever necessary. Cyanide of potassium is a deadly poison, "and the fact that it is a harmless-looking white substance, not unlike lump sugar or salt and many other things, renders it one of the most dangerous poisons to keep around the house." It must be kept out of the way of small children.

Gasoline is sometimes used as a substitute for cyanide of potassium in killing insects. It is applied with a small brush to the breathing pores, along their sides. Under no conditions attempt to kill your specimens by feeding them with gasoline; you may make them sick by such treatment, but will seldom succeed in suffocating them.

For pinned specimens use the black japanned insect pins. Nos. 1, 2 and 3 will and held in position by narrow strips of paper, as shown in the illustration. "Glass-headed pins are handy for pinning the strips. The spreading board is then set away until the insect is thoroughly dry."

#### SOME INSECTS FORMS, ETC.

In Fig. 6 we have a familiar form of the May-

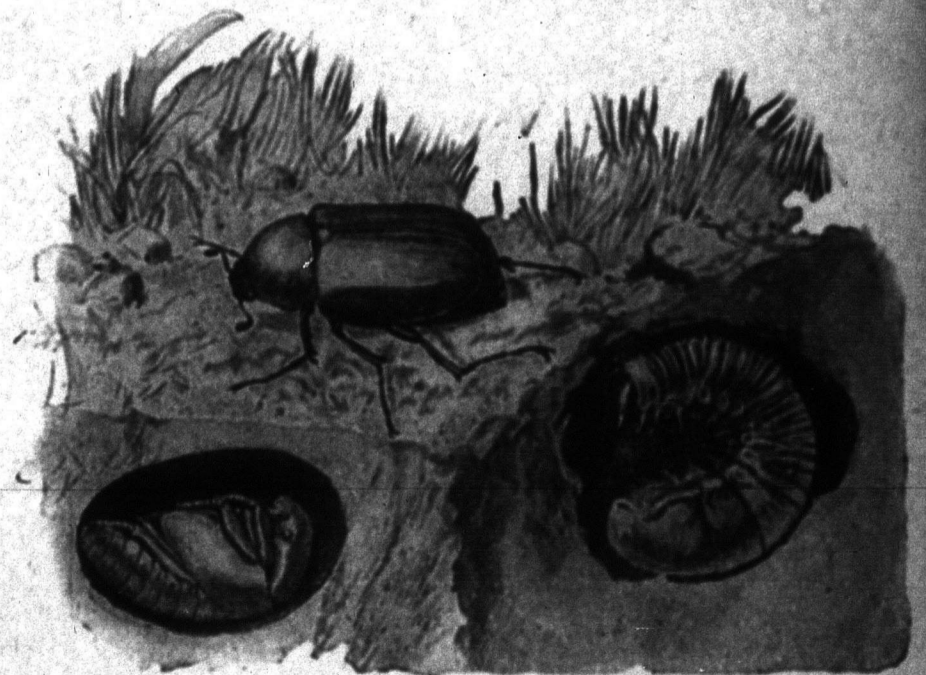


Fig. 6. May-beetle, showing larva (or white grub), pupa, and adult. (Natural size)

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beetle, also often called "June Bug." The adult is common during the month of June. Watch its flight around lights. Is it a graceful or clumsy flier? The larvae are found in the ground, where they do considerable damage by eating the roots of plants. Note the mummy-like appearance of the resting stage (pupa), it is also found in the ground.



Fig. 7. The Tussock-moth. (Natural size) a. Wingless females depositing eggs on cocoons; b. Male moths; c. Full-grown female larva.

Some attention should be given to the egg masses of the Tent Caterpillars and the Canker-worms. They are often found on the smaller limbs of our fruit trees, and hatch about the time the leaves are coming out.

We would warn our readers of another form, the Tussock-moth, that bids fair to become a serious pest in many parts of the Acadian area during the coming summer, and ask them to cooperate in its destruction, by gathering and burning the egg masses before they hatch. The eggs are usually found on the old cocoon rolled up in an old leaf and still attached to the tree, and are more or less crusted over with a white froth-like substance, of rather dull appearance at this time of year. See Fig. 7, a.

The Tussock-moth is fond of fruit trees, the apple in particular but it thrives very well on most shade trees and shrubs.

There are many other injurious forms that we cannot even mention at this time. The teacher should make a list of them, collect illustrations and accounts of them from government reports, etc., watch for their appearance and use them in school work.

But the story of insect life is not completely one of injury, there are many species that from their habit of preying upon others that are plant eaters, the injurious forms, we have come to look upon as friends, and to style them beneficial

insects. Fig. 8 shows two such forms often found in our gardens, which deserve protection. The Ladybird beetles are active throughout the whole growing season; and during the summer the Green Soldier-bug stands guard in our behalf. There are also a great many other species that are helping us in our work. Perhaps we have never stopped to think how much we owe to these little creatures. Without their aid for a single year man would at once vanish from the earth.

Toads, snakes, birds, and many other forms of animal life ably supplement the work of insects in this particular. We are greatly in their debt, but all they ask of us is to be left free to live their life without let or hinderance.

The cuts illustrating this article have been copied from Sanderson and Jackson's Elementary Entomology, through the kind permission of their publishers, Messrs, Ginn & Company, Boston, Mass. Elementary Entomology is a work replete with information on insect life, and gives good directions for collecting, preserving and mounting specimens.

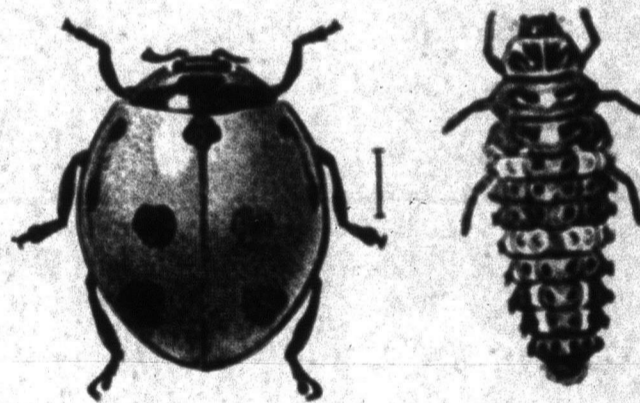


Fig. 9. A Ladybird-beetle, — adult and larva.

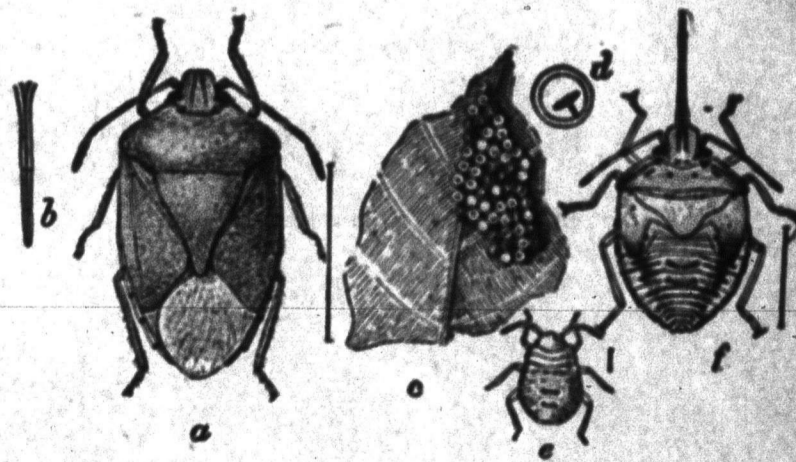


Fig. 10. The Green Soldier-Bug. (Enlarged) a. Adult; b. beak; c. eggs; d. single egg; e. young nymph; f. last stage of nymph.

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## CURRENT EVENTS

With almost every country now drawn into the vortex of a world war it is somewhat difficult to focus upon any sphere of action as more events have taken place almost universally, such as two great offensives by the British and French forces on the western front, a tremendous drive by the Italians in the Isonza District, attempt by Germany to break through the steel cordon with her torpedo crafts, serious overthrow of authority in Russia, a declaration by the Hon. Sir Robert Borden in the Canadian House of Parliament as to selective conscription measures, etc.

Just as the last issue of the REVIEW was going to press, the British were in the midst of a great drive, north of the Scarpe River, in which battle the Canadian troops successfully stormed and held the famous Vimy Ridge. This offensive had hardly subsided when the guns in the district between Messines-Wylschanete Ridge and Ypres-Lille commenced to rake the German trenches and defensive works with a withering fire which increased in volume until it appeared as though the very earth would be unable to stand the strain.

Just as all this ceased at a pre-arranged moment a number of powerful mines were exploded simultaneously under what remained of the German fortifications, which resulted in most frightful destruction and losses. The dust, smoke and flying rocks had hardly cleared away when the British troops stormed from their trenches and successfully carried a large stretch of land in the above mentioned district, during the course of which 6,000 prisoners and many guns fell into their hands. To this number might be added 31,829 taken by the French during the past five weeks.

A few weeks ago it was thought that the confusion in Russia was affecting the Allies' opportunities on the western front materially but, although several divisions of the enemy have been moved from the east to west, events have proved the incorrectness of this theory.

Although the Russian Minister of War, Kerensky, is proving to have tremendous power, and in the great appeal to the Russian to advance was most influential, unrest and minor revolutions still exist.

Kronstadt holds out against the new government but it is anticipated that strong measures will solve the problem.

The United States has sent over a torpedo boat squadron to join the Allied navies in the fight against submarines and strengthening of the blockade.

General Pershing has already arrived overseas and it is expected an American force will soon follow.

Several important discoveries have been made during the past months among which is the most powerful explosive discovered accidentally by Dr. DeWaltoff and his son Mortimer. A five grain tablet would be sufficient to wreck New York's largest building. Lester P. Barlow is experimenting with bombs to explode just above the ground with a destructive area of 300 yards. Hudson Maxim has come forward with a device which he claims will make ships immune from submarine attacks.

An air raid, composing eighteen aeroplanes, occurred over the eastern counties of England, causing serious loss of life; but eight of the machines were brought down by British airmen and guns.

On two occasions British and French torpedo boat squadrons discovered and successfully drove back to their base a number of German mosquito craft.

San Salvador has been destroyed, presumably by earthquake, endangering the lives of 60,000 people.

A huge stock of meat valued 2,000,000 piastres has been entirely destroyed in Buenos Ayres. The meat was intended for the Allies.

Under pressure from the Allies, British, France and Russia, King Constantine of Greece has abdicated in favor of his second son, Alexander.

#### SCHOOL AND COLLEGE.

An excellent programme was well rendered by the pupils of Hillsdale School, assisted by the young people of the place, on the evening of May 23rd. The exercises were performed in the exhibition building which was decorated for the occasion.

A pie social followed, which realized upwards of \$40.00. At the close of the entertainment, a unanimous vote of thanks was tendered the teacher, Miss Agnes E. Reynolds, for the creditable performance of the evening.

The recent conference of University Principals, Presidents and Deans, held in Ottawa, was addressed by two distinguished educationalist representatives, Dr. Hollis Godfrey, president of the Textile Institute of the United States, and chairman of the committee on science, engineering and education of the Advisory Committee of the Council of National Defence of the United States, who explained what had been done by way of uniting the universities of that country so as to co-operate in the best possible way with the Government towards winning the war, and ended by inviting representatives of the Canadian conference to meet with their committee for the purpose of getting mutual benefit in this connection.

Dr. George R. Parkin, commissioner for the Rhodes Scholarship, who desired to obtain the opinion of the conference as to the desirability of changing the mode of selecting Rhodes scholars in several provinces of the Dominion, gave an address on this subject.

The following were appointed to confer with Dr. Godfrey's committee: President McKenzie, of Dalhousie; Dr. F. D. Adams, Dean of the Faculty of Engineering of McGill; Dr. Marceau, of Laval; President Tory, of Alberta, and President Falconer, of Toronto.

The election of officers for the ensuing year resulted as follows: President, Monsieur L'Abbe Emile Chartier, of Laval; vice-president, President Walter C. Murray, of Saskatchewan; secretary-treasurer, Dean F. D. Adams, of McGill. The other two members of the executive appointed were Chancellor Jones, of the University of New Brunswick, and Dean Cappon, of Queen's University.

In the recent examinations at Queen's University Mr. W. Gibson, of Gananoque, was awarded half the Dupuis Scholarship, valued at 60.00.

Miss Lillian B. Hudson, daughter of Joseph Hudson, Lynn, recently won a \$250.00 prize in Columbia University, New York City, in a postgraduate course.

Regina, May 10.—Seventy students of the local Collegiate Institute have made application to be released for farm labor.

At St. Martins, N. B., on Wednesday afternoon, May 30th, Mr. Frank S. Kierstead, son of Mr. and Mrs. Frank Kierstead of Sussex, and Miss Marjorie V. Moran, daughter of Mr. and Mrs. W. H. Moran of St. Martins, were united in marriage, Rev. W. A. Snelling, St. Martins, tying its nuptial knot. After the ceremony Mr. and Mrs. Kierstead left by auto for

St. John and thence to Sussex. On their return they will reside in St. Martins, where Mr. Kierstead will resume his duties as principal of the St. Martins Superior School, which he has held for the past three years.

The many teacher friends of Private Kenneth O. Woods, son of Mr. and Mrs. Frank Woods, Armstrong's Corner, N. B., will learn with deep regret of his being killed in action in France on May 13. Mr. Woods graduated from the Provincial Normal School, Fredericton, N. B., in June, 1915, and, shortly afterwards enlisted in the 104th Battalion, but upon his arrival in England was transferred to the 26th Canadian Battalion. He was a great favorite with all, who knew him, and his parents, brothers and sister have the sympathy of his many friends in their sad bereavement.

On May 26 a concert was given by the pupils of the Harve School.

In addition to the programme there was a sale of ice-cream, cake and home-made candy; also a sale of remnants and fancy articles.

The sum of \$54.86 was realized which goes to the purchasing of kit bag outfits for the soldiers.

Among the recent enlistments in St. John for the Canadian Engineers, was H. S. Hicks of Sackville, N. B. Mr. Hicks, although having completed his second year in law at the Kings College Law School, was unable to remain on this side of the Atlantic to take his final year, while the fight for British institutions and democracy was in progress on the battlefields of Europe. Mr. Hicks attended Mount Allison University, where his genial disposition made for him a host of friends. He also enjoyed the proud distinction of leading in several subjects in his class at the law school this year.

Edward J. Henneberry, B. C. L., from St. Joseph's College and B. C. L. from King's University, has opened up law offices in St. John City. Mr. Henneberry, while in attendance at King's, was president of the Student's Society and was an ardent worker in the student activities.

R.A. Mooney, B. C. L. from King's, has also entered upon the practice of law in St. John. He has taken offices with Dr. Silas Alward, professor emeritus of King's Law School.

A movement is under way for the establishment of an alumni in connection with the Law School in St. John. Many of the older graduates are heartily in sympathy with the movement, and have promised the promoters their full support.

Professor R. P. Clarkson, Ivan Curry Professor of Engineering at Acadia University, has tendered his resignation, which has been reluctantly accepted by the Board of Governors. Professor Clarkson will devote himself to industrial work in the future in connection with a New York firm.

Professor Haley, who is Professor of Physics and Dean of the Department of Applied Science of Acadia has recently resigned the Deanship. He has asked to be relieved of this additional work on account of sickness connected with his family.

To fill these two positions, Ivan Curry Professor of Engineering and Dean of the Department of Applied Science; Professor Frank E. Wheelock, Ph. D., has been appointed. Professor Wheelock is a graduate of Acadia University in the class of 1905, and a Ph. D. of Yale. He taught one year at the University of Missouri and has been for four years Professor of Physics and Dean of the Department of Applied Science at Mt. Allison University.

The degree of Doctor of Law was conferred upon Right Hon. A. J. Balfour, the British secretary for foreign affairs when he visited Montreal.

The corner stone of the Beaconsfield School, West St. John, was recently laid by Grand Master A. C. Clark.

## COLLEGE CONVOCATIONS

[Continued from page 6]

## ROTHESAY COLLEGIATE SCHOOL.

The closing exercises were held June 20, at the Rothesay Collegiate School and were largely attended by the parents and friends of the boys. The prizes were presented by His Lordship the Bishop of Fredericton and in the afternoon the annual sports were held. The report of the headmaster, Rev. W. R. Hibbard, showed that the year had been a prosperous one. The number of names on the honor roll had increased from ninety to one hundred and forty and of this number seven had given their lives in defence of the Empire during the year.

Mr. Hibbard was able to announce that the school had outgrown the present accommodation and in the near future more room would have to be provided to care for the increasing number of applicants. He referred to the following old boys who had won distinction on the field of battle during the year.

The Military Cross was won by Lieut. William Adams of Toronto, and by Sergt. Earle Scovil of St. Stephen. The D. S. O. was conferred upon Major Alexander McMillan of St. John, and Lieut. Cecil Porter of Montreal.

## THE HONOR ROLL.

He named the following who had fallen during the year: Lieut. John Brock, Rothesay, Flight Lieut. Franklin Rankin, Woodstock; Capt. Hugh Teed, St. John; Lieut. Herbert Montgomery-Campbell, Apohaqui; Capt. Frank R. Fairweather, St. John; Pte. Theophilus Oliver; old boys, and Lieut. Jack Brown, a former master of the school.

The boys of the school had undertaken to help in the increased production campaign and had done well, particularly in the clearing of land, which would be available next year for crops. He also referred to some changes in the teaching staff for the coming year. L. H. S. Bent and Howard Saswell were leaving and Charles Scott and T. H. Dewhirst were coming to take their places.

After the sports were finished the people adjourned to the tea terrace, where the prizes were given out. Bishop Richardson presided and interesting speeches were heard from Canon Daniel and the principal of the college, Rev. Mr. Hibbard. Mrs. Richardson then presented the prizes, excepting the sport prizes, which were presented by A. C. Skelton.

## NETHERWOOD.

Miss Pitcher and Miss Ganong with their staff of teachers, shared in the praise given for another successful school year at the closing exercises,

June 21, and the fine showing made by the pupils of Netherwood.

His Lordship Bishop Richardson acted as chairman. In his speech he regretted the absence of Canon Daniel who was such a good friend to Netherwood. His Lordship, in a bright and happy speech, congratulated the heads of Netherwood and the staff on the great success of the past year and wished them very enjoyable holidays. He spoke of the great advantage it is to the province of New Brunswick to possess such a school which in not only scholarship but in the development of character ranks so high in the world of education.

## MCGILL UNIVERSITY.

The following names are listed in the program of the Annual Convocation for conferring degrees in all faculties and the graduate school at McGill University, Friday, May 11.

Conferring B.A. Degree.—Auld, Frederick Clyde, Charlottetown, P. E. I. (on active service); McKenzie, Theodore Cuyler, Charlottetown, P. E. I. (on active service); Melvin, Margaret Georgiana, St. John, N. B.; Wyatt, Wanda Lefurgey, Summerside, P. E. I.

Conferring B.Sc. (Applied Science) Degree.—Brown, Harry Cleophas (El), Moncton, N. B.; Fraser, William Lawrence, B.A. (Dal.), (Ci); New Glasgow, N. S. (on military service); Hartz, Richard Edgar (Ci), Marshfield, P. E. I.; Hooper, B. Reagh (Ci), Charlottetown, P. E. I.; Poole, John Bryant (Chem. Eng.), Montague, P. E. I.

Conferring the Degree of Doctor in Dental Science.—Cunningham, Howe Symonds, Teta-magouche, N. S.; Fiske, Roland Clarence McLeod, Florenceville, N. B., Spicer, Edmund Carlyle, Spencer's Island, N. S.

Conferring the Doctor's Degrees.—Batho, Cyril B. Eng., M.Sc., Assistant Professor of Mathematics, McGill University; Sullivan, Charles Thompson, B.A.M.Sc., Ph.D., Assistant Professor of Applied Mechanics and Mathematics, McGill University.

St. Margaret's School, Waterbury, Conn., has a large farm to which girls go for exercises, physical training, picnics and week-end parties.

Dr. F. E. Spaulding goes from Minneapolis to the superintendency at Cleveland at \$12,000, the highest salary ever paid to a school superintendent. After he left Minneapolis a civic and commerce association presented a report showing that Supt. Spaulding asked for \$1,100,000 too much in his five year building program entitled "\$1,000,000 a year."

The death of Sir William MacDonald of Montreal has occurred. Benefactions to McGill University made by him amount to some \$15,000,000.

No better evidence of perfect training, combined with talent and ability in singing and music, could be found than that demonstrated at the Imperial Theatre, St. John, recently by Mr. Walter Heckman, Miss Campbell and Miss Shaw. To the music students who were privileged to hear their renditions, the exhibition in "Musical Moments" of refined and artistic music, both vocal and instrumental, would be of much value.

#### BOOKS AND MAGAZINES.

Important educational books and magazines received by the editor, from time to time for REVIEW will be listed in this column. (Orders for these books, etc., should be sent direct to the publishers, whose addresses are given).

**THE WORLD BOOK.** Volumes 1 and 2. Half Russia binding; profusely illustrated with maps, diagrams, portraits and drawings. A practical reference book of real merit. A valuable addition to any school, home or public library. Hanson-Roach Fowler Co., Chicago, Illinois.

**STORIES OF THE OLD WORLD.** By Alfred J. Church, cloth binding; 437 pages. Price 60c. Ginn & Co., 15 Ashburton Place, Chicago.

**SIMPLE LESSONS IN ANIMAL HUSBANDRY — II SHEEP AND SWINE.** By Charles Summer Plumb, paper cover; twenty-eight pages. Price 5c. F. A. Owen Publishing Co., Danville, N. Y., and Hall & McCreary, Chicago, Ill.

**SWISS STORIES AND LEGENDS.** By Francis M. Froelicher, the MacMillan Co., of Canada, Ltd., Toronto.

**THE WAY OF THE GREEN PASTURES.** By Sneath-Hodges-Tweedy. The MacMillan Co., of Canada, Ltd., Toronto.

**THE WAY OF THE GATE.** By Sneath-Hodges-Tweedy. The MacMillan Co., of Canada, Toronto.

**THE CANADIAN MAGAZINE** for June contains an illustrated article on the prominent social and patriotic women of British Columbia, by Miss Mabel Durham; an article on "Canada's Yearly Production," by W. L. Edmonds; an essay by Alfred Gordon, entitled "Comments on Canadian Poetry," and a number of clever short stories.



#### THE ROYAL MILITARY COLLEGE OF CANADA.

There are few national institutions of more value and interest to the country than the Royal Military College of Canada. Notwithstanding this, its object and the work it is accomplishing are not sufficiently understood by the general public.

The College is a Government Institution, designed primarily for the purpose of giving instruction in all branches of military science to Cadets and Officers of the Canadian Militia. In fact it corresponds to Woolwich and Sandhurst.

The Commandment and military instructors are all officers on the active list of the Imperial army, lent for the purpose, and there is in addition a complete staff of professors for the civil subjects which form such an important part of the College course. Medical attendance is also provided.

Whilst the College is organized on a strictly military basis the cadets receive a practical and scientific training in subjects essential to a sound modern education.

The course includes a thorough grounding in Mathematics, Civil Engineering, Surveying, Physics, Chemistry, French and English.

The strict discipline maintained at the College is one of the most valuable features of the course, and in addition, the constant practice of gymnastics, drills and outdoor exercises

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The length of the course is three years in three terms of 9½ months each.

The total cost of the course including board, uniform, instructional material and all extras is about \$800.

The annual competitive examination for admission to the College takes place in May of each year, at the headquarters of the several military districts.

For full particulars regarding this examination and for any other information, application should be made to the Secretary of the Militia Council, Ottawa, Ont., or to the Commandment, Royal Military College, Kingston, Ont.

**OFFICIAL NOTICE.**  
**New Brunswick School Calendar.**  
1917

1917. **FIRST TERM.**
- July 1 — Dominion Day. (Public Holiday.)
- July 3 — Normal Entrance and Matric. and Leaving. Examinations begin.
- July 9 — Date of Annual School Meeting.
- Aug. 1 — Opening of French Department of Normal School.
- Aug. 27 — Public Schools open.
- Sept. 3 — Labor Day. (Public Holiday)
- Sept. 4 — Normal School opens. — Thanksgiving Day. (Public Holiday).
- Dec. 18 — Class III License Examinations begin.
- Dec. 21 — Normal and Public Schools close for Christmas Vacation.
1918. **SECOND TERM.**
- Jan. 7 — Normal and Public Schools re-open.
- Mar. 28 — Schools close for Easter Vacation.
- April 3 — Schools open after Easter Vacation.
- May 20 — Loyalist Day. (Holiday for St. John City only).
- May 23 — Empire Day.
- May 24 — Victoria Day. (Public Holiday).
- May 24 — Last day on which Inspectors are authorized to receive applications for Departmental Examinations. Reg. 38-6.
- May 28 — Examinations for Class III License begin.
- June 3 — King's Birthday. (Public Holiday).
- June 7 — Normal School Closing.
- June 11 — Final Examinations for License begin.
- June 17 — High School Entrance Examinations begin.
- June 28 — Public Schools close for Term.

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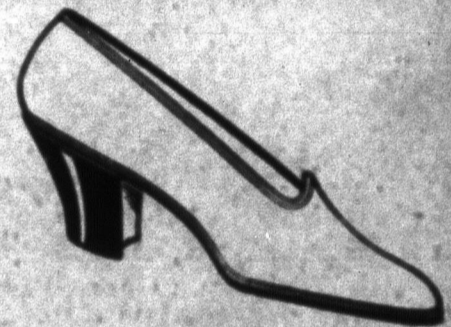
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