

## Practical Chemistry and Chemical Analysis.

KING'S COLLEGE, WINDSOR.

THE Governors of King's College have to announce that they have imported a collection of apparatus and chemicals, and fitted up a Laboratory, suitable to the prosecution of chemical researches, under the superintendence of the Professor of Chemistry in the University.

Professor How, who has acquired his experience in the first laboratories of England and Scotland, is now prepared to direct the studies of those who may wish to become acquainted with the practical details of a science, the knowledge of which is valuable to all, and necessary to those who follow certain avocations. Students may pursue, independently of others, and at hours convenient to them, a general course of experimental chemistry, and after acquiring a sufficient acquaintance with the modern modes of analysis, direct their attention to any particular branch of study, (as for example, agricultural, metallurgic, mineral or medical chemistry,) in which they may wish to pursue original investigations.

A scale of fees is made out, payable by all who engage in these practical studies, to indemnify the Governors for necessary loss of material involved; the fees are regulated according to the number of hours and days devoted to the subject; apparatus is supplied for students' use, and all breakages to be made good by them at cost price. The Professor is also ready to take all kinds of Analysis, as of Coal, Metallic Minerals, Agricultural Produce, Soils, Manures, Waters, etc., that may be submitted to him, and for professional consultation, verbally or by letter, at the College, on matters of Chemistry.

A scale of fees has been arranged, modelled on those usual in Great Britain and the United States, and, while moderate, adapted, as well as can be foreseen, to the particular cases likely to arise.

For scale of fees and hours, references to be made to the Rev. J. C. COCHRAN, Secretary to the Governors at Halifax; or to the Professor, at King's College.

# The Calendar OF KING'S COLLEGE,

WINDSOR, NOVA SCOTIA.

[Founded A. D. 1788.]

FOR 1871-72.



PUBLISHED UNDER THE DIRECTION OF THE BOARD OF GOVERNORS

HALIFAX, N. S.  
JAMES BOWES & SONS, BEDFORD ROW,  
1871.

# The Calendar

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# UNIVERSITY CALENDAR.

1871—1872.

## 1871—OCTOBER.

Sunday ....	1	8	15	22	29
Monday....	2	9	16	23	30
Tuesday....	3	10	17	24	31
Wednesday..	4	11	18	25	
Thursday...	5	12	19	26	
Friday.....	6	13	20	27	
Saturday...	7	14	21	28	

- 7. Michaelmas Term begins.
- 9. Meeting of College Board. Welsford Commemoration.
- 30. Alumni Scholarship Examination.

## 1871—NOVEMBER.

Sunday....		5	12	19	26
Monday....		6	13	20	27
Tuesday....		7	14	21	28
Wednesday..	1	8	15	22	29
Thursday...	2	9	16	23	30
Friday.....	3	10	17	24	
Saturday...	4	11	18	25	

- 1. No lecture. University Library closed.

## 1871—DECEMBER.

Sunday....	3	10	17	24	31
Monday....	4	11	18	25	
Tuesday....	5	12	19	26	
Wednesday..	6	13	20	27	
Thursday...	7	14	21	28	
Friday.....	1	8	15	22	29
Saturday...	2	9	16	23	30

- 13, 14, 15. Degree Examinations.
- 18-22. Terminal Examinations. University Library closed.
- 22. Michaelmas Term ends.



HALLWAY, N. E.  
 JAMES BOWES & SONS, BEDFORD ROW.

## 1872--JANUARY.

Sunday ....	7	14	21	28
Monday.... 1	8	15	22	29
Tuesday ... 2	9	16	23	30
Wednesday. 3	10	17	24	31
Thursday .. 4	11	18	25	
Friday..... 5	12	19	26	
Saturday... 6	13	20	27	

13. Lent Term begins.

15. Meeting of College Board.

## 1872--FEBRUARY.

Sunday ....	4	11	18	25
Monday....	5	12	19	26
Tuesday ...	6	13	20	27
Wednesday.	7	14	21	28
Thursday .. 1	8	15	22	29
Friday..... 2	9	16	23	
Saturday... 3	10	17	24	

14. Ash-Wednesday. No lectures. University Library closed.

## 1872--MARCH.

Sunday ....	3	10	17	24	31
Monday....	4	11	18	25	
Tuesday ...	5	12	19	26	
Wednesday.	6	13	20	27	
Thursday ..	7	14	21	28	
Friday . ... 1	8	15	22	29	
Saturday... 2	9	16	23	30	

18-22. Terminal Examinations. University Library closed.

23. Lent Term ends.

## 1872--APRIL.

Sunday ....	7	14	21	28
Monday.... 1	8	15	22	29
Tuesday ... 2	9	16	23	30
Wednesday. 3	10	17	24	
Thursday .. 4	11	18	25	
Friday. ... 5	12	19	26	
Saturday... 6	13	20	27	

8. Easter Term begins.

## 1872--MAY.

Sunday ....	5	12	19	26
Monday....	6	13	20	27
Tuesday ...	7	14	21	28
Wednesday. 1	8	15	22	29
Thursday .. 2	9	16	23	30
Friday..... 3	10	17	24	31
Saturday... 4	11	18	25	

9. Ascension Day. No lectures. University Library closed.

20. Whit Monday. No lectures. University Library closed.

24. The Queen's Birthday. No lectures. University Library closed.

## 1872--JUNE.

Sunday ....	2	9	16	23	30
Monday....	3	10	17	24	
Tuesday ...	4	11	18	25	
Wednesday.	5	12	19	26	
Thursday...	6	13	20	27	
Friday. ....	7	14	21	28	
Saturday... 1	8	15	22	29	

1. Bishop's Prize Essays to be given in. Akin's Prize Essays to be given in.

17-21. First and Second Year Examinations.

Degree Examinations.

Theological Examinations.

University Library closed for the Term.

24-25. Degree Examinations in Honours.

Williams Prize Examinations.

Matriculation Examination.

26. Annual Meeting of Incorporated Alumni. Election of Governors.

27. ENCÆNIA. Easter Term ends. Close of Academical Year.

# University of King's College, Windsor, N. S.

## INTRODUCTION.

NONE but those who have studied the history of Collegiate Institutions during the first period of the settlement of the different provinces which now constitute the Dominion of Canada, can form an adequate conception of the delays and difficulties which beset the initiation and subsequent provision for the maintenance of King's College—the first Protestant University established in British North America.

Ontario was then a forest wilderness, Quebec a thinly settled Roman Catholic province, New Brunswick almost a *terra incognita*, Nova Scotia a strictly maritime colony with a few scattered settlements on its coast, numbering in the aggregate not more than twenty-five thousand souls.

Under these adverse circumstances the preliminary steps were taken for the foundation of a College at Windsor in the year 1768, or eight years after the conquest of Canada;\* but it was not until the year 1788 that an Act of Parliament was obtained for founding, establishing, and maintaining a College in the province under the title of King's College, of Nova Scotia, and in the year 1790 the College was opened and buildings commenced.

In 1802, a Royal Charter was granted, conferring on the College all the privileges of a University, and ordaining that, "at our town of Windsor, in our said Province of Nova Scotia, there shall be established, from this time, one College, the mother of an Uni-

\* *Vide* a brief account of the origin, endowment, and progress of the University of King's College, Windsor, Nova Scotia, by Thomas B. Akins, D.C.L.

MAY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday

JUNE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday

- 1. Bishop's Prize Essay to be given to the best Essay on the subject of the Bishop's Prize.
- 2. The Queen's Birthday. No lectures. University Library closed.
- 3. Whit Monday. No lectures. University Library closed.
- 4. Assumption Day. No lectures. University Library closed.
- 5. The Queen's Birthday. No lectures. University Library closed.
- 6. The Queen's Birthday. No lectures. University Library closed.
- 7. The Queen's Birthday. No lectures. University Library closed.
- 8. The Queen's Birthday. No lectures. University Library closed.
- 9. The Queen's Birthday. No lectures. University Library closed.
- 10. The Queen's Birthday. No lectures. University Library closed.
- 11. The Queen's Birthday. No lectures. University Library closed.
- 12. The Queen's Birthday. No lectures. University Library closed.
- 13. The Queen's Birthday. No lectures. University Library closed.
- 14. The Queen's Birthday. No lectures. University Library closed.
- 15. The Queen's Birthday. No lectures. University Library closed.
- 16. The Queen's Birthday. No lectures. University Library closed.
- 17. The Queen's Birthday. No lectures. University Library closed.
- 18. The Queen's Birthday. No lectures. University Library closed.
- 19. The Queen's Birthday. No lectures. University Library closed.
- 20. The Queen's Birthday. No lectures. University Library closed.
- 21. The Queen's Birthday. No lectures. University Library closed.
- 22. The Queen's Birthday. No lectures. University Library closed.
- 23. The Queen's Birthday. No lectures. University Library closed.
- 24. The Queen's Birthday. No lectures. University Library closed.
- 25. The Queen's Birthday. No lectures. University Library closed.
- 26. The Queen's Birthday. No lectures. University Library closed.
- 27. The Queen's Birthday. No lectures. University Library closed.
- 28. The Queen's Birthday. No lectures. University Library closed.
- 29. The Queen's Birthday. No lectures. University Library closed.
- 30. The Queen's Birthday. No lectures. University Library closed.
- 31. The Queen's Birthday. No lectures. University Library closed.

versity,\* for the education and instruction of youth and students in arts and faculties, to continue for ever.”

A Provincial Act to incorporate the Governors of King's College, repealing the Act of 1788, received the Royal Sanction in the year 1853. It contains provisions for the appointment and incorporation of Governors of the College, and that the Royal Charter of Incorporation shall not be affected by it.

The Patron of the University is the Lord Archbishop of Canterbury to whose approbation “all statutes, rules and ordinances” of the Board of Governors are subject.

The Board of Governors consists of the Lord Bishop of Nova Scotia for the time being, who is ex-officio Visitor of the University and President of the Board, and twelve Governors who must be members of the Church of England.

Two of the present Governors are life members of the Board, and the remaining ten are elected, two in each successive year, by the Incorporated Alumni of King's College. At the demise of the life Governors, the whole of the members of the Board with the exception of its President will be the representatives of the Incorporated Alumni, two retiring each year and two being elected at the annual meeting in June.

The Incorporated Alumni of King's College is a Society formed in 1846 for the purpose of sustaining the College and the Collegiate School by pecuniary assistance, either “towards the maintenance and support of the Teachers therein, or in such other way as may best conduce to the end which they have in view.”

The Society has presented to the Board of Governors, in trust for the University and College, a handsome and spacious stone building for a Library and Museum, besides numerous donations of books, minerals, and fossils. It has also annually contributed towards the payment of the salaries of some of the professors in the College, and of some of the teachers of the Collegiate School.

\* This University was founded by Act of Parliament, in 1788, under the title of King's College, of Nova Scotia. A Royal Charter was granted by George III., in 1802.

The following summary presents a record of the work of the University from its foundation by Act of Parliament in 1788, to the present time.

Number of Students before the Charter—1788 to 1802..106  
 Matriculated Students from 1803 to 1870.....434

Graduates of King's College 1806 to 1870:—

Doctors of Divinity.....	14
Doctors of Civil Law.....	17
Honorary, D. C. L.....	26
Bachelors of Divinity.....	11
Doctors of Medicine, ( <i>ad eundem gradum</i> ).....	4
B. C. L.....	16
Masters of Arts.....	91
Bachelors of Arts.....	253
Members of the University who have taken Holy Orders..	120

For the last eighty-two years the course of study pursued in King's College has in its general features been modelled on the system in force in the University of Oxford, but the many and growing changes in education, introduced into the great Universities at home and everywhere rendered necessary, have led the Board of Governors to adopt a new Curriculum, which has been carefully modelled to meet the necessities of the age, prominent among which stands a sound training in Science. Henceforth the University will grant degrees and diplomas in Science.

It is evident that the present staff of professors, even with unsparring industry, can not carry out in its integrity the whole Curriculum, but the Board of Governors have not hesitated to adopt it, hoping that the advantages to be derived from it will be so patent to all the friends of education that their assistance will enable the Board speedily to make the necessary additions to the staff.

The University of King's College is the authorized representative of the Church of England in Nova Scotia, and its highest duty

is to educate young men for Holy Orders, but it extends its privileges to persons of all denominations and requires no religious test.

It derives in common with other recognized Colleges in Nova Scotia, a small annual grant from the Provincial Government, and it has received from time to time liberal donations from members of various communions. Its system of nominations, elsewhere described and enumerated, enables a certain number of students to pass through the College course without charge for Lecture fees. The new Curriculum, conjointly with new and stringent regulations and rules regarding discipline and moral restraint, enables the Board of Governors, who are the responsible trustees, to offer opportunities for acquiring sound learning and culture to all who may wish to avail themselves of the advantages now presented by the University of King's College.

### Officers of the University and College.

PATRON.

HIS GRACE THE LORD ARCHBISHOP OF CANTERBURY.

BOARD OF GOVERNORS.

1871-72.

The Rt. Rev. HIBBERT BINNEY, D.D., Lord Bishop of Nova Scotia.

*Visitor and President of the Board.*

- Ven. Archdeacon McCawley, D.D. } Life Governors.
- Hon. Mr. Justice Wilkins, B.A. }
- W. J. Almon, Esq., M.D.
- Rt. Rev. John Medley, D.D., Lord Bishop of Fredericton.
- Rev. E. E. B. Nichols, M. A.
- Hon. M. B. Almon.
- F. Allison, Esq., M.A.
- Rev. J. Ambrose, M.A.
- B. Curren, Esq., D.C.L.
- Prof. H. Y. Hind, M.A.
- T. B. Akins, Esq., D.C.L.
- George Wiggins, Esq.

J. C. Halliburton, Esq., *Treasurer.*

Rev. Canon Cochran, M.A., *Secretary.*

## Faculty.

President of the College.

The Ven. Archdeacon McCawley, D.D.

Classics, Logic, Hebrew.

Vice President.

Professor of Divinity, including Pastoral Theology.

The Rev. Canon Hensley, D.D.

Professor of Chemistry and Natural History.

Henry How, Esq., D.C.L.

Professor of Mathematics, Natural Philosophy and Astronomy.

Professor of Modern Languages.

Sz. R. Sumichrast, Esq.

Bursar.

Professor Hensley, D.D.

Proctor and Curator of the Museum.

Professor How, D.C.L.

Librarian.

Professor Sumichrast.

## Students.

There are two classes of Students admissible to the College:—

1. *Matriculated Students*: who must pass the Matriculation Examination in one of the Universities constituted by Royal Charter, or of which the members shall be admitted to this privilege by the Governors of King's College.

2. *Elective Students*: who desire to attend during an Academic Year or Term, one, two, or more courses of Lectures.

## MATRICULATION.

Every Student presenting himself for Matriculation shall be required to pass an Examination in the following subjects:—

### I.—CLASSICS.

#### THE GREEK AND LATIN LANGUAGES.

One Greek and one Latin Book to be selected and published by the Board of Discipline one year in advance.

NOTE.—By a "book" shall be meant one division of an author's work. For example, one book of Homer's Odyssey shall mean any one book out of the twenty-four into which the poem is divided.

### II.—MATHEMATICS.

#### ARITHMETIC.

The ordinary Rules of Arithmetic: Vulgar and Decimal Fractions.

#### ALGEBRA.

Addition, Subtraction, Multiplication, and Division of Algebraical quantities.

#### GEOMETRY.

The First Two Books of Euclid.



### III.—THE ENGLISH LANGUAGE.

Orthography : Writing from Dictation : the Grammatical Structure of the Language.

### IV.—THE FRENCH OR THE GERMAN LANGUAGE.

(At the option of the Candidate.)

One passage from some author for translation into English. The Board of Discipline to select the work and publish the name one year in advance.

Candidates shall not be approved by the Examiners unless they pass in *Two* of the above subjects, of which Classics shall be one. It shall also be necessary to pass in Arithmetic.

Subjects for 1871-72 :—

Homer. Iliad. I.

Cicero. pro Archia.

French : Grand. Pere. Boniface.

German : Adler's Reader, Part I.

Subjects for 1872-73 :—

Homer. I.

Horace. Odes. I.

French : Charles XII. Voltaire.

German : Adler's Reader, Part I.

1. Matriculated Students are required to attend the Lectures and Examinations in all the Departments of their course, and to procure from each Professor a certificate of attendance, without which they will not be allowed to proceed to the Examination held at the end of every term.

2. A certificate of Matriculation will be given to every Student who passes the Examination and pays the fees ordered by Statute.\* This certificate will have to be shown to every Professor whose course of Lectures the Student desires to attend.

\* See Regulations regarding *nominations* which admit students to nearly all the courses of Lectures without fees.

3. Students in Arts may obtain permission from the Board of Discipline to attend special courses of Lectures in the Science Department.

4. Students who have not Matriculated in any recognized University, and who are therefore not qualified for admission as Undergraduates of the Second Year, may enter at that standing by passing both the Matriculation Examination and the First Year Examination.

5. Matriculated Students of any recognized University, may enter as Undergraduates of the same standing to which they had become entitled in such University, on producing satisfactory Certificates.

### Course of Study.

The Course of Study for the first year is the same in the Arts and in the Science Departments.

In the second and third years Students attend the courses in the Department to which they belong.

#### SECTION I.

#### FACULTY OF ARTS.

##### FIRST YEAR.

Greek and Latin : English : French or German : History : Mathematics or Logic : Elementary Natural Philosophy : Elementary Chemical Physics and Inorganic Chemistry : Divinity.

N.B. Students in Arts who have commenced their course of study previous to October 1871, are permitted to continue their studies under the old regulations, or to proceed under the new course of study at the commencement of the academical year 1871-72.

## SECOND YEAR.

Greek and Latin : English : French or German : History : Logic : Arithmetic.

## THIRD YEAR.

Greek and Latin : English : French or German : History.  
The above are all *compulsory* subjects. The subjects for Honours will be found in the detailed scheme of Lectures.

## SECTION II.

## FACULTY OF SCIENCE.

## FIRST YEAR.

The Course is the same as that appointed in the Faculty of Arts.

## SECOND YEAR.

Mathematics : Natural Philosophy : Chemistry : Elementary Mineralogy : Elementary Geology : English : French or German : History : Outlines of Meteorology.

## THIRD YEAR.

Mathematics : Natural Philosophy : Chemistry : Mineralogy : Geology : Palæontology : Zoology : Animal Physiology : Botany : Surveying : English : French or German : History.

The above are all *compulsory* subjects. The subjects for Honours will be found in the detailed scheme of Lectures.

## SECTION III.

## COURSE OF STUDY IN CIVIL ENGINEERING.

See detailed Scheme of Lectures.

## FACULTY OF DIVINITY.

General lectures are delivered every Sunday on the Greek Testament and Scripture History, which are attended by all the Students in their first and second years.

The special course laid down for *Divinity Students* extends over a period of four years at least, and embraces the different branches of Theology, Exegetical, Systematic, Historical and Pastoral, together with Ecclesiastical History and Polity.

## FIRST YEAR.

Greek Testament ; the Acts of the Apostles, and one or more of the Gospels.

The Greek Testament.  
Winer's Greek Grammar.  
Robinson's Lexicon.

## SECOND YEAR.

The Epistles of St. Paul. The Evidences of Christianity. The Literary History, Criticism, and Interpretation of the Scriptures, and Biblical Archæology.

The Greek Testament, as for first year.  
Paley's Evidences.  
Horne's Introduction.

## THIRD YEAR.

Ecclesiastical History. Analysis of the Liturgy of the Church of England. The XXXIX. Articles.

Robertson's Church History.  
The Book of Common Prayer. Wheatley. Blunt.  
Palmer.  
Browne's Exposition of the 39 Articles.

## FOURTH YEAR.

Systematic Divinity. Ecclesiastical Polity, Church History and Christian Antiquities. The Epistles of St. Paul to Timothy and Titus, and other portions of the Greek Testament.

Browne on the Articles.  
Pearson on the Creed.  
Butler's Analogy.  
Hooker's Ecc. Polity. V.  
Wall on Infant Baptism.  
Wordsworth's Greek Testament.  
Schleusner's Lexicon.  
Trench's Synonyms.

## PATRISTIC THEOLOGY.

The Epistle of St. Clement.

## PASTORAL THEOLOGY.

Burnet's Pastoral Care.

Blunt's Directorium Pastorale.

### Detailed Scheme of Lectures.

#### FACULTY OF ARTS.

#### CLASSICS.

##### FIRST YEAR.

Homer. Iliad. VI.

Horace. Satires. I.

Latin Composition.

##### HONOURS.

Xenophon. Anabasis.

Demosthenes. Select Orations.

Horace. Satires and Epistles.

Livy : First or Twenty-first Book.

##### SECOND YEAR.

Herodotus. VII.

Thucydides. I.

Euripides. Medea.

Virgil. Georgics.

Tacitus. Germania.

Juvenal. Satires.

Latin Composition : Prose and Verse.

##### HONOURS.

Thucydides. II.

Euripides. Alcestis.

Tacitus. Agricola.

Terence. Phormio.

##### THIRD YEAR.

Sophocles. Œdipus Rex.

\_\_\_\_\_ Ajax.

\_\_\_\_\_ Antigone.

Juvenal—continued.

Tacitus. Annal. I.-III.

Latin Composition : Prose and Verse.

##### HONOURS.

Longinus de Sublimitate.

Lucretius.

#### ENGLISH.

##### FIRST YEAR.

##### LANGUAGE.

Reading of Shakespeare's King Lear : Orthography :

Writing from Dictation : Grammatical Structure of the Language : Angus' Handbook of the English Language.

HISTORY.

Outlines of the History of British North America and of the History of England to the end of the Seventeenth Century : Smith's Smaller History of England.

HONOURS.

History and Origin of the English Language : Composition : Trench on the Study of Words : Hiley's Practical English Composition. Part I. (Longman's).

SECOND YEAR.

LANGUAGE.

Reading of a Classical English Book : Composition : Writing from Dictation : Structure of the Language : Johnson's Rasselas. (Clarendon Press). Angus' Handbook of the English Language : Hiley's Practical English Composition. Part I.

LITERATURE.

Outlines of American Literature : History of English Literature from 1500 to 1650. Shaw's Manual of English Literature.

HISTORY.

History of North America : The History of England to the middle of the Nineteenth Century : Student's Hume's History of England. (Murray, London).

GEOGRAPHY.

Outlines of the Geography of Modern Europe and of North America : Milner's Universal Geography.

HONOURS.

Critical Analysis of Shakespeare's Macbeth : Composition : Analysis of Sentences : Geography of the Dominion : Morell's Analysis of Sentences : Hiley's Practical English Composition. Part II.

THIRD YEAR.

LANGUAGE.

Critical reading of Classical authors : Philology of the English Tongue : Prosody : Composition : Shakespeare's Hamlet : Milton's Paradise Lost. Books I.-VI. Earle's Philology of the English Tongue.

LITERATURE.

The History of Literature from Chaucer to Tennyson, comprising the History of American Literature : Shaw's Manual of English Literature.

HISTORY.

The History of Modern Europe, and of the Dominion of Canada : Student's Hume's History of England : Milner's Universal Geography.

HONOURS.

Critical reading of the Faerie Queen : Original Composition in Prose and Verse : History of the Formation of the Language : Max Müller's Science of Language—First Series.

FRENCH.

FIRST YEAR.

Grammar (de Fivas') : Voltaire, Charles XII. : Souvestre, Au Coin du feu.

HONOURS.

La Fontaine, Fables, Bk. I.-II. : Erekmann-Chatrion, Waterloo : Translation into French.

SECOND YEAR.

Grammar (de Fivas') : La Fontaine, Bks. III.-V. : Magill's French Reading : Richon, Manuel de Littérature : Translation into French.

## HONOURS.

Racine, *Andromaque* : Molière, *Les Femmes Savantes* : Translation into French : Conversation.

## THIRD YEAR.

Grammatical Analysis : Molière, *Le Misanthrope* : Corneille, *Le Cid* : Richon, *Manuel de Littérature* : Prosody : Translation into French : Conversation (*Peschier, Causeries Parisiennes*).

## HONOURS.

Boileau, *Satires* : Ponsard, *L'Honneur et l'Argent* : Composition : History of French Literature to the Seventeenth Century (*Sismondis' Literature of the South of Europe*). Conversation.

## G E R M A N .

## FIRST YEAR.

Grammar (*Eichhorn's*) : *Adler's Progressive German Reader*. Pts. I.-III.

## HONOURS.

*Adler's Reader*. Pts. IV.-V. Translation into German.

## SECOND YEAR.

Grammar (*Eichhorn's*) : *Adler's Reader*. Pts. IV.-V. *Schiller's Parast* : Translation into German.

## HONOURS.

*Auerbach's Auf der Höhe* : Translation into German : Conversation.

## THIRD YEAR.

*Schiller's Gedichte* : Portions of *Goethe's Faust* : *Lessing's Nathan der Weise* : Translation into German : Conversation.

## HONOURS.

*Schiller's Maria Stuart* : *Goethe's Egmont* : *Outlines of History of Literature* : Composition : Conversation.

## M A T H E M A T I C S .

## FIRST YEAR.

## ARITHMETIC.

Vulgar and Decimal Fractions : Extraction of the Square Root.

## ALGEBRA.

Addition, Subtraction, Multiplication, and Division of Algebraical Quantities : Simple Equations : *Todhunter's Algebra*.

## GEOMETRY.

The First Two Books of *Euclid*.

## HONOURS.

Simple and Quadratic Equations : Binomial Theorem : Arithmetical and Geometrical Progression : First Three Books of *Euclid*.

## SECOND YEAR.

Quadratic Equations : Binomial Theorem : Algebraical Proportion and Variation : Permutations and Combinations : Arithmetical and Geometrical Progression : First Six Books of *Euclid* : Plane Trigonometry : Elements of Mechanics : *Todhunter's Algebra* : *Todhunter's Trigonometry* : *Todhunter's Mechanics*.

## HONOURS.

Eleventh Book of *Euclid* : Conic Sections : Elements of Heat, Light, and Sound : *Todhunter's Conic Sections*.

## NATURAL PHILOSOPHY.

The Elements of Natural Philosophy.

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## CHEMISTRY.

### FIRST YEAR.

The Elements of Chemical Physics and Inorganic Chemistry:  
Combining Proportions: Symbols and Nomenclature.

### HONOURS.

Elements of Organic Chemistry: Chemical Physics.

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## DIVINITY.

### FIRST YEAR.

Reading of the Acts or one of the Gospels.

This Class has to be attended by all Students who are members of the Church of England.

For details of Divinity Course, see "Theological Department."

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## FACULTY OF SCIENCE.

## MATHEMATICS.

### FIRST YEAR.

As in Arts Course—which see.

### HONOURS.

As in Arts Course—which see.

## SECOND YEAR.

### ALGEBRA.

Algebraical Proportion and Variation: Permutations and Combinations: Arithmetical and Geometrical Progression: Simple and Quadratic Equations: Nature and use of Logarithms: Elements of Differential and Integral Calculus: Todhunter's Algebra: Todhunter's Differential and Integral Calculus.

### GEOMETRY.

The First Six Books of Euclid: Plane and Spherical Trigonometry: Conic Sections: Todhunter's Conic Sections: Todhunter's Trigonometry.

### NATURAL PHILOSOPHY.

Mechanics: Elements of Physics: Todhunter's Mechanics: Balfour Stewart's Elements of Physics.

### HONOURS.

Physics: Elements of Meteorology: Balfour Stewart's Physics.

### THIRD YEAR.

Newton's Principia, 1-2: Mechanics: Astronomy: Physics: Meteorology: Surveying in its application to Mining: Newton's Principia: Todhunter's Mechanics.

### HONOURS.

Theory of Equations: Co-ordinate Geometry of Three Dimensions: Differential and Integral Calculus: Ganot's Physics: Astronomy: Todhunter's Co-ordinate Geometry: Todhunter's Calculus: Hymer's Astronomy.

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## CHEMISTRY.

### FIRST YEAR.

As in Arts Course—which see.

## TEXT BOOKS.

Lessons in Elementary Physics: Balfour Stewart. Introduction to the Study of Inorganic Chemistry: W. A. Miller. Chemistry: Fownes. Practical Chemistry: Fresenius.

## SECOND YEAR.

Chemical Physics: Organic Chemistry: Testing bases and acids: Analysis of Simple Substances: Preparation of Reagents.

## HONOURS.

Vegetable and Animal Chemistry: Electricity and its application: Magnetism.

## BOOKS OF REFERENCE.

Miller's Elements of Chemistry. Graham's Elements of Chemistry. Watt's Dictionary of Chemistry. Watt's and Richardson's Technology.

## THIRD YEAR.

Chemical Physics: Inorganic and Organic Chemistry: Practical Chemistry: Analysis of Compounds: Applied Chemistry.

## HONOURS.

Applied Chemistry: Chemical Analysis of Compounds: Preparations: Organic Chemistry in its higher applications.

## MINERALOGY AND GEOLOGY.

## SECOND YEAR.

Elements of Mineralogy: Elements of Geology: Mineralogy, Ramsay or Dana's Manual. Geology, including Palæontology and Geology of America: Dana's Geology.

## HONOURS.

Rudiments of Crystallography: Elements of Palæontology.

## THIRD YEAR.

Geology of America: Palæontology.

## HONOURS.

Economic Minerals of Nova Scotia: Geology of Nova Scotia: General Principles of Mining: How's Mineralogy of Nova Scotia: Dawson's Acadian Geology.

## NATURAL HISTORY.

## ZOOLOGY AND BOTANY.

## THIRD YEAR.

## ZOOLOGY.

Elements of Zoology. Agassiz and Gould.

## BOTANY.

Elements of Botany: Classification of Plants: Characteristics of principal American natural orders: Asa Gray's Botanical Text Book.

## HONOURS.

## ZOOLOGY.

Elements of Comparative Physiology.

## BOTANY.

Elements of Vegetable Physiology: Agricultural Chemistry.

**HISTORY AND ENGLISH LANGUAGE AND LITERATURE.**

This Course is throughout the same as that appointed for Students in Arts. (See Arts Course.)

**FRENCH.**

This Course is throughout the same as that appointed for Students in Arts. (See Arts Course.)

**GERMAN.**

This Course is throughout the same as that appointed for Students in Arts. (See Arts Course.)

**CIVIL ENGINEERING.**

**FIRST YEAR.**

As in Arts Course—which see.

**SECOND YEAR.**

As in Science Course, together with Theoretical and Practical Surveying: Mineralogy and Geology: Mining Economics.

**ATTENDANCE AT LECTURES.**

Attendance at all Lectures, except those which shall be announced as optional, shall be compulsory upon all Undergraduates.

Professors will register, upon the Lectures Attendance List, the presence or absence of Students immediately before beginning the Exercises of the Class; any Student entering thereafter will be noted as absent, unless a satisfactory explanation be given to the Professor.

No Student shall be allowed to absent himself from any Lecture except by special permission, obtained by waiting personally on the Professor.

**Scholarships and Prizes.**

**THE WILLIAM COGSWELL SCHOLARSHIP.**

£24 Sterling per annum. Open to Candidates for Holy Orders, under the direction of the Trustees.

**SCHOLARS.**

W. G. T. Jarvis.....	1849	E. Ansell.....	1858
W. Stuart.....	1850	W. F. Pryor.....	1861
J. M. Hensley.....	1852	A. C. F. Wood.....	1863
J. Randall.....	1854	C. R. Matthew.....	1864
T. Crisp.....	1855	D. Nickerson.....	1867
O. M. Grindon.....	1856		

**DIVINITY SCHOLARSHIPS.**

Paid by the Society for the Propagation of the Gospel in Foreign Parts: open to Students for Holy Orders, actually requiring assistance; and subject to the control of the Bishop of the Diocese.

Ten in number—£30 sterling, per annum, each.



## THE DR. BINNEY EXHIBITION.

£16 Sterling per annum. Open to Students in indigent circumstances, and of exemplary conduct.

In the year 1858, Miss Binney, sister of the present Visitor, and daughter of the late Rev. Dr. Hibbert Binney, in the name and on the behalf of her father's executors, handed over to the Governors certain stock, amounting to \$1000, to found an Exhibition at King's College, to be called the "Dr. Binney Exhibition," in memory of her said father.

The design of this Scholarship is to assist poor Students who may require assistance, and who shall have commended themselves by their exemplary conduct, although their abilities and requirements may not qualify them to be successful competitors for an open scholarship.

TERMS.—On or before the last day of May, in every year, the College Board shall nominate two Students, in their third term, at the least, whom they may deem best qualified, having regard to their poverty and the excellence of their characters: and the President shall forthwith transmit their names, together with a brief statement of their claims, to the Visitor, who shall select one of them to be the Exhibitioner, and to receive the interest accruing for the following year, commencing July 1st. Or, at his discretion, if he considers the claims of the two nominees to be equal, or nearly so, the Visitor may adjudge that the amount may be divided between them.

## EXHIBITIONERS.

E. Ansell.....1858	C. A. Wheelwright.....1868
L. M. Wilkins.....1860	J. L. Keating.....1869
W. H. E. Bullock.....1861	R. J. Uniacke.....1870
C. Croucher.....1863	J. P. Tremain.....1871
R. Shreve.....1867	

## Prizes.

## THE McCAWLEY HEBREW PRIZE

Of £9 Sterling. Open to all Members of the University who are below the standing of M.A., and who have not already gained the first premium in Hebrew.

This Prize is given out of the interest of a Trust Fund in the hands of the Society for the Propagation of the Gospel in Foreign Parts. The Fund and the conditions of the Prize are thus stated in the Report of the Society:—

"This Fund arises from a gift of £150 (stg.), in the British North American Bank, made by the Reverend George McCawley, D.D., Falmouth, Nova Scotia: the interest to be paid to the Student at King's College, Windsor, N. S., who shall pass the best Examination in the Hebrew Bible and Greek Testament; the Examination being under the direction of the Visitor and the President."

Subjects for next Examination:—

Genesis XXXIX.—L.	Hebrew and Septuagint.
Psalms XI.—XVIII.	" "
Isaiah XI.—XX.	" "
Gospel of St. Matthew.	Greek.

## PRIZEMEN.

J. M. Hensley, 1st } .....	1853	E. Ansell	} 3rd cl'ss. 1858
C. G. Wiggins, 2nd } .....		G. W. Hodgson	
T. Crisp.....	1856	J. J. Hill	
W. S. Gray } 3rd class. 1857		E. Ansell.....	1860
H. P. Almon }		J. L. Keating 1st, }	.....1871
		S. Boyd, 2nd }	

THE BISHOP'S PRIZE.

The Bishop's Prize of \$20 in Books.

Subject for 1872 :—

An Analysis of Butler's Analogy.

Open to all Members of the University of not more than twenty-one, nor less than twelve, Terms standing in June, 1872.

Essays to be sent to the President on or before June 1st, 1872.

PRIZEMEN.

C. G. Wiggins.....1853	W. F. Pryor.....1863
J. Randall.....1855	A. C. F. Wood.....1864
T. Crisp.....1856	

DR. COGSWELL'S CRICKET PRIZE.

CHARLES COGSWELL, ESQ., M.D., has made a donation of \$400 to the Governors of King's College, the interest of which is to be expended in the purchase of a set of Cricket bats, balls, &c., to be given to the best player among the winning party of a Cricket match to be contended for annually, on the College grounds, on some day in the month of September. "The object of the donation is to promote the health of the Students, and encourage them in the prosecution of their duties."

SUCCESSFUL COMPETITORS.

	OPONENTS.	VICTORS.	PRIZEMEN.
1858.....	College School....	King's College....	J. O. Ruggles.
1859.....	Halifax Club.....	Halifax Club.....	
1860.....	Windsor Club.....	King's College....	W. H. E. Bullock.
1861.....	Halifax Club.....	Halifax Club.....	
1862.....	Halifax Club.....	King's College....	Lynch and Milner.
1863.....	Halifax Club.....	Halifax Club.....	
1864.....	H.M.S. Duncan..	Duncan.....	
1865.....	H.M.S. Duncan..	Duncan.....	
1867.....	Royal Alfred.....	King's College....	J. S. Armstrong.

DR. ALMON'S WELSFORD TESTIMONIAL.

WILLIAM J. ALMON, ESQ., M.D., has endowed King's College with \$400, the interest of which is to be appropriated as a prize to be competed for every June, by matriculated students, in their first year. The prize is to be presented by the President in the College Hall, on the 8th September, being the anniversary of the attack upon the Redan, in which Major WELSFORD fell—on which day, in every year, his gallant and loyal deeds are to be commemorated in Latin. (N.B.—Day changed to first Monday in Michaelmas Term.)

If no candidate shall be deemed worthy of the prize, it will be appropriated to the purchase of books for the College library.

PRIZEMEN.

J. Fraser.....1857	H. Weldon.....1865
G. W. Hodgson.....1858	W. Bowman.....1866
W. F. Pryor.....1859	E. H. Owen.....1867
B. Smith.....1860	E. Gilpin.....1868
C. B. Bullock.....1861	F. Archbold.....1869
J. P. Chandler.....1862	A. B. Warburton.....1870
J. F. Black.....1863	D. H. Hind.....1871
R. J. Fretwell.....1864	

THE AKINS HISTORICAL PRIZE.

T. B. AKINS, Esq., D.C.L., Barrister-at-Law and Commissioner of Public Records, has vested in the Governors, as Trustees, a sum of money sufficient to found a Prize of Thirty Dollars, annually, for the best Paper or Essay on the County History of Nova Scotia, embracing matter derived from local records, and traditions relating to the early and progressive history of each County. The Essays must be given in to the Secretary of the Governors on or before the 1st of June, 1872. The decision on the merits of the Essays to rest with the Governors, or such persons as they may appoint, and to be announced at the Encænna in June.

Each Essay is to be distinguished by a motto, and to be accompanied by a sealed paper, bearing the same motto on the outside and containing the name of the writer. The subject for 1872 is the County of *Yarmouth*.

The Essays when given in are the property of the College.

PRIZEMEN.

Hants' County	{ B. Smith.	Lunenburg... E. H. Owen.
	{ J. C. Cox.	King's County. C. S. Hamilton.
Colchester..	Israel Longworth.	Shelburne.... Watson Smith.

THE GENERAL WILLIAMS PRIZES.

Three of \$60 each, annually, during his Excellency's life, for the best scholar in—

1. Mining and the Science of Mineralogy as it bears practically on these operations.

2. Mechanics and Civil Engineering as they bear on all matters relating to railroads, motive power for them, and all other modern aids to the human hand.
3. Languages of Modern Europe—German, but more especially French, as the almost universal medium of communication in Europe.

His Excellency has decreed that should no candidate be found duly qualified, the amount in that case, in any year, shall be applied to the purchase of books in that department for the College Library.

TERMS:

I. For the WILLIAMS PRIZE in Engineering.—That the course of study, preparatory to this competition, shall embrace, first, that part of Engineering comprehended under the general name of Engineering Geodesy, which depends upon Geometrical principles alone, such as Surveying, both with the chain and by angular measurements, levelling, setting-out works, copying, enlarging and reducing plans, together with a philosophical account of all the instruments used in those operations. Second—A summary of the principles of stress, stability, and strength. Third—The principles according to which structures are combined into extensive works of Engineering, such as roads, railways, natural and artificial water channels, inland navigation, tidal and coast works. That the prize be decided entirely by the examination.

The course for the ensuing Academical year may be confined to Engineering Geodesy, this being the first year of competition.

II. The WILLIAMS PRIZE in Mineralogy applied to Mining.—That the preparation for such competition shall be, in addition to a course of Geology, a thorough knowledge of such text-book on Metallurgy as shall be adopted by the College, and a practical acquaintance with specimens of metals and minerals, particularly the

natural products of the British North American Provinces, such as ores of gold, copper, iron and other metals, coal, antimony, gypsum, manganese and other useful minerals. That the candidate shall be required to produce satisfactory certificates of attendance, and attention, at lectures on chemical physics and inorganic chemistry, either in the College or elsewhere, in addition to the like satisfactory certificates of attendance at the special lectures by the Professor, and that lectures on practical mining operations shall have been attended.\*

**III. The WILLIAMS PRIZE in Modern Languages.**

That the course of study preparatory to this competition shall embrace a competent knowledge of at least French and German. French must be known grammatically, and must be correctly pronounced. Some knowledge of the best authors must be displayed. Facility in writing the language must be shown, and a readiness and fluency of conversational expression. Similarly in German, but with excellence in one language mediocrity in the others will be tolerated. Provided always, that no Student shall succeed without passing a really good examination in French. The system of examination pursued in electing for each prize shall be as uniform as possible throughout them all.

**PRIZEMEN.**

- |                      |             |                    |             |
|----------------------|-------------|--------------------|-------------|
| 1. W. Bowman         | } .1867     | 1. J. L. Keating   | } .1870     |
| 2. J. S. Armstrong   |             | 2. A. B. Warburton |             |
| 3. C. A. Wheelwright |             | 3. C. S. Hamilton  |             |
| 1. R. Shreve         | } .....1868 | 1. Not awarded     | } .....1871 |
| 2. J. A. Dickey      |             | 2. C. Dodwell      |             |
| 3. No competition    |             | 3. No competition  |             |
| 1. E. Gilpin         | } ....1869  |                    |             |
| 2. C. S. Hamilton    |             |                    |             |
| 3. R. Shreve         |             |                    |             |

\*For changes in these conditions see Appendix.

**Nominations.**

THE following is the form of nomination of a Student to pass through the University, free of fees, and must be addressed to the Secretary of the Board of Governors :

To.....

Secretary of the Governors of King's College, Windsor.

I do hereby nominate (A.B.) to pass through the University, free of fees, by virtue of certificate No. ...., held by me.

(Date.)

(C. D.)

In case of a joint certificate, the above form must be complied with, and the same must be signed by all the holders.

Each nominee is exempt from the payment of yearly fees, amounting to \$195 for the three years' course, besides the fee for a B. A. degree. There being some eighty certificates conferring this privilege, it is easy for Students to obtain it. If a scholarship is held besides, nearly the whole yearly cost of education will be covered.

No person is entitled to nominate a Student unless he has paid up his subscription to the Endowment Fund. The Governors publish below the names of all who possess the right of nomination.

NOTE.—All nominated Students must, on taking up their residence in College, file their nominations according to the above form, with the Secretary of the Governors at Halifax. Otherwise, they will be charged with the full amount of fees.

The following persons possess, individually, a right of nomination in virtue of the contribution of \$400 each to the Endowment Fund :

The Lord Bishop of Nova Scotia.	T. C. Kinnear, Esq.
Heirs of H. King, Esq.	Heirs of James Scott, Esq.
Heirs of Hon. H. H. Cogswell.	Hon. R. B. Dickey.
Rev. R. Uniacke.	Edward Archbold, Esq.
Heirs of Sir Brenton Haliburton.	Admiral Bayfield.
Heirs of Rev. T. Crisp.	Major J. P. Beete.
Rev. Henry Sterns.	H. Haszard, Esq.
A. M. Uniacke, Esq., D.C.L.	W. J. Almon, Esq., M.D.
Hon. J. W. Ritchie.	Charles Cogswell, Esq., M.D.
J. A. Moren, Esq.	Edward Binney, Esq.
W. Cunard, Esq.	Hon. Enos Collins, having con-
Hon. M. B. Almon.	tributed \$4000, has a right
Rev. G. Townsend.	to ten nominations. But of
C. B. Bowman, Esq.	these he has transferred five
Dr. Benjamin Fraser.	to Rev. George W. Hill, to
Heirs of J. L. Darrow.	whom the patronage belongs.
Jabish Snow, Esq.	

The following persons whose names are included in the several divisions, have, in each case, jointly contributed \$400 to the Endowment Fund ; and all the parties must concur in a nomination, which can only be held by one Student at a time :

Heirs of Rev. James Stewart.	Joseph Wier, Esq.
Heirs of Law. Hartshorne, Esq.	Alex. T. Creighton, Esq.
Hugh Hartshorne, Esq.	E. K. Brown, Esq.
Henry Pryor, Esq.	Heirs of Hon. Benjamin Wier.
Richard Tremain, Esq.	
Rev. W. Bullock.	Robert Davis, Esq.
P. Lynch, Esq.	W. Rennels, Esq.
J. G. A. Creighton, Esq.	Edgar Dodson, Esq.
J. C. Allison, Esq.	John Silver, Esq.
Heirs of J. C. Cogswell, D.C.L.	Nepean Clarke, Esq.
Dr. C. Cogswell.	P. C. Hill, Esq., D.C.L.
Miss Cogswell.	Rev. George W. Hill.

J. J. Sawyer, Esq.	J. W. Merkel, Esq.
Heirs of Hon. W. A. Black.	Robert Fretwell, Esq.
Judge Wilkins.	Joseph Whitford, Esq.
Heirs of J. B. Uniacke, Esq.	Thomas Whitford, Esq.
Edw. Albro, Esq.	T. W. H. Harris, Esq.
Heirs of Wm. Lawson, Esq.	Heirs of C. W. Harris.
Mrs. Stephen Boggs.	Rev. Henry H. Hamilton.
Captain W. Lyttleton.	Edw. L. Brown, Esq., M.D.
Rev. E. Maturin.	Rector of Cornwallis and Horton.
W. & J. Pryor, Esqrs.	Richard Starr, Esq.
Henry Pryor, Esq., D.C.L.	George A. Allison, Esq.
Heirs of Rev. Dr. Twining.	Chas. C. Hamilton, Esq., M.D.
Arthur Woodgate, Esq.	Rector and Church Wardens of
Wm. Hare, Esq.	the Parish of St. Luke, An-
John H. Harvey, Esq.	napolis, for the time being.
S. A. White, Esq.	C. P. Jones, Esq.
Rev. T. Maynard.	St. Clair Jones, Esq.
Henry Boggs, Esq.	The Rector of the Parish of
James Cochran, Esq.	Weymouth for the time being.
Arthur M. Cochran, Esq.	Dr. Joseph B. Bond.
Heirs of George Cochran.	W. H. Moody, Esq.
Alex. Cochran, Esq.	E. W. B. Moody, Esq.
Heirs of Charles Shaw.	Rev. J. T. T. Moody.
W. B. Mumford, Esq.	Dr. Joseph Farish.
Nelson Wollaver, Esq.	James E. Barss, Esq.
C. Mumford, Esq.	George W. Barss, Esq.
Rev. Thomas White.	William Cowie, Esq.
Cornelius White, Esq.	Andrew Cowie, Esq.
Joshua Snow, Esq.	Alexander Cowie, Esq.
Charles Bruce, Esq.	Rev. Richard Avery.
W. J. Bell, Esq.	Edmund Palmer, Esq.
	John Palmer, Esq.
	John Orpin, Esq.

Heirs of Jane Totten.  
Heirs of Eliza Henderson.

Rev. R. J. Uniacke, D.D.  
Richard Brown, Esq.  
W. J. Almon, Esq., M.D.  
James Murray, Jr., Esq.

Rector and Church Wardens of  
St. James' Church, Pictou.

W. H. Davies, Esq.  
D. A. Dickson, Esq.  
Heirs of Neil McKay.  
Rev. J. Forsyth.

W. R. Cutler, Esq.  
Heirs of Major Benison.  
Rev. R. F. Brine.

Charles I. Stewart, Esq.  
C. E. Ratchford, Esq.  
Hon. C. Hensley.  
Rev. R. Simonds.

Heirs of John Stubbs.  
James Murray, Jr., Esq.  
Alfred Atkinson, Esq.  
Benjamin St. Clair Purdy, M.D.

Rev. E. E. B. Nichols.  
Robert Roberts, Esq.  
Charles Morse, Esq. (Trustees.)

Heirs of Rev. J. M. Campbell.  
Do. of Walter Willett.  
Norman Ritchie, Esq.  
Rector and Wardens of Parish  
of Granville.

Rev. Edw. E. B. Nichols.  
Francis W. Collins, Esq.  
Henry G. Farish, Esq., M.D.

Heirs of Rev. T. C. Leaver.  
John Teas, Esq.  
Captain John Wier.

Elisha Randall, Esq.  
Charles Leaver, Esq.  
W. S. H. Morris, Esq.  
The Rector of the Parish of  
Trinity, Antigonish, for the  
time being.

Heirs of Mr. Justice R. Parker.  
Robert F. Hazen, Esq.

Theophilus Desbrisay, Esq.  
Daniel Davis, Esq.  
Albert H. Yates, Esq.  
Rev. Wm. Stewart.

The Rector of St. John's Church,  
Colchester.  
Heirs of John Ross, Esq.  
Dr. Samuel Muir.  
Dr. Samuel Brown.

Benj. G. Gray, Esq.  
Rev. W. Scovil.  
Rev. George Armstrong.  
Heirs of Rev. J. W. Disbrow.

Rev. C. J. Shreve.  
Heirs of George Mitchell, Esq.

Lieut.-Col. James Poyntz.  
Isaac Bonnett, Esq.  
Timothy Ruggles, Esq.  
J. H. Thorne, Esq.

Daniel Hodgson, Esq.  
John Longworth, Esq.  
Charles Palmer, Esq.

Rev. H. L. Owen.  
J. H. Kaulback, Esq.  
Hon. John Creighton.  
The Wardens and Vestry of St.  
John's Parish, Lunenburg.

Heirs of Mrs. Sophia Braine.  
Heirs of Rev. R. F. Uniacke.  
Wm. M. Harrington, Esq.  
Heirs of Wm. H. Marvin.

Rev. J. Storrs.  
Heirs of B. Legge.  
Rev. G. E. W. Morris.  
John P. Mott, Esq.

Heirs of Samuel D. Etter.  
Charles Morse, Esq.  
Moore F. Agnew, Esq.  
Heirs of Rev. T. Jarvis.

### Examinations.

Every Matriculated Student will be required to pass the following Examinations:—

#### FIRST YEAR.

1. Michaelmas Terminal Examination.
2. Lent " "
3. First Year " "

The First Year Examination will bear not only upon the subjects lectured on during the Easter Term, but also on the whole course attended during the year.

#### SECOND YEAR.

1. Michaelmas Terminal Examination.
2. Lent " "
3. Second Year " "

The Second Year Examination will be conducted like that of the First Year, and will comprise the full course of the Faculty for that year.

THIRD YEAR.

1. Michaelmas Terminal Examination.
2. Lent “ “
3. Final “ “

The Final Examination in the Third Year will be a Degree Examination in the respective departments, and will comprise the subjects included in the course prescribed by the Faculty of the department to which the Student belongs.

On passing this examination to the satisfaction of the Examiners, Undergraduates will be allowed to proceed to a further examination for Honours.

Such Undergraduates as may not feel competent to pass this examination as a Degree Examination, will be allowed to proceed to it as a Terminal Examination. They will be permitted thereafter to present themselves at the end of the next Michaelmas Term for their Degree Examination, but should they fail to present themselves or to pass the examination at that time, they will not be allowed to present themselves for examination for a Degree before the end of the next ensuing Easter Term.

There will be no Honours Examination for Degree at the Michaelmas Examination.

All Undergraduates who do not present themselves for the Degree Examination at the end of the Easter Term in the Third Year, or who fail to pass such examination, will be required to attend the regular course of lectures for Third Year Students during the following Michaelmas Term.

All Undergraduates who do not present themselves for the further Degree Examination at Michaelmas, or who fail to pass such examination, will be required to attend the regular course of lectures for Third Year Students during the following Lent and Easter Terms, and to present themselves at every Class and Terminal Examination during that time.

Every Undergraduate, previous to presenting himself for any Terminal Examination, will have to obtain from each Professor whose lectures he has attended during the Term, a certificate of attendance and good conduct.

No Professor will grant such certificate if more than two absences without leave, during the course of the Term, are recorded against the applicant, or if his conduct shall have been in any way reprehensible.

Such certificate will then be handed in by the Undergraduate to the Vice-President three days previous to the beginning of the examination, and no Undergraduate shall be allowed to present himself at any Terminal Examination unless he shall have complied with these regulations.

The certificates shall be returned to each Undergraduate after the conclusion of the examination, and Pass, and Honours Certificates, signed by the Vice-President, shall be delivered to those Undergraduates who shall have attained the required number of Marks at the examination.

The list of candidates who shall have passed the Terminal Examination shall be published in the Hall, within one week after the close of the examination. The names shall be arranged in alphabetical order.

The Honours List shall be published in the same manner, within one week after the close of the Honours Examination. The names shall be arranged according to the order of merit.

Undergraduates presenting themselves for examination for a Degree, shall be required to produce satisfactory certificates of attendance and conduct during the whole of their three years' course. Or, if they shall not have attended the whole time at King's College, they shall be required to produce similar certificates from the University they have attended.

They shall send in such certificates to the Vice-President, at least one month previous to the beginning of the examination. The certificates will have to be signed by the various Professors whose courses of lectures they have attended, and no Undergraduate shall be allowed to present himself at any Degree Examination unless he shall have complied with the above regulations.

The certificates shall be returned to each Undergraduate after the close of the examination, and Pass and Honours Certificates signed by the President and Examiners shall be delivered to those Undergraduates who shall have attained the required number of marks at the examination.

The Examinations shall be carried on mainly by written questions and answers, but the Examiners shall at all times have the power of examining *viva voce*.

Undergraduates who shall have passed the Degree Examination shall be divided into three classes.

None shall be admitted into the First Class but those who shall have taken Honours in any subject.

The Second Class shall comprise those who shall have shown great proficiency in *all* the subjects of the Pass Examination, but who shall not have taken Honours.

The Third Class shall comprise all such as have obtained the required number of marks, but have not sufficiently distinguished themselves to qualify for a place in the First or Second Class.

The lists shall be published in the Hall within ten days after the close of the examination; the names in the first and second class being arranged according to order of merit, and in the third class alphabetically.

Any Undergraduate who shall absent himself from any University Examination without sufficient cause, approved of by the Board of Discipline, shall lose his Term or his Year, as the case may be.

An Examination Fee of One Dollar (\$1) shall be paid by each candidate to meet the expenses of stationery,—for the examinations throughout the year,—which shall be provided by the University.

Elective students shall not be required to pass any examinations, but may do so if they desire on complying with the above regulations.

They may also obtain, in like manner, Pass Certificates, Honours Certificates, and Diplomas in lieu of Degrees.

#### OF EXAMINERS.

1. The Governors shall appoint Examiners in each year to conduct the various Examinations at the close of Easter Term, viz.: the First Year, Second Year, the Degree Examinations, and the Prize Examinations.

2. These Examiners shall sign the Declaration, No. 4, in the Appendix to the present code of Statutes.

3. The Examinations shall be conducted by means of printed or written papers, and shall take place at such a time as shall permit of the results being made known at the Encœnia of that year.



## OF TERMS AND RESIDENCE.

The Academical year shall begin in October, and shall contain three terms, in which all scholastic exercises shall be performed, and all degrees conferred. Michaelmas Term shall extend from the first Saturday of October to December 22nd: Lent Term from the second Saturday of January to the Saturday before Palm Sunday: Easter Term from the Monday after Easter Monday to the last Thursday in June.

The following days shall be observed as Holidays in the University. All Saints' Day: Ash-Wednesday: Ascension-Day: Whit-Monday: the birth-day of the reigning Sovereign.

In order to encourage School-teachers and others, whose engagements prevent them from attending the full course, and who desire to obtain the Degree of B. A., the following special arrangements will be made:

Any such Student on making proper application will be permitted to come into residence during the first week of November in each year, and to remain until the end of the succeeding Lent Term, passing the regular examinations. This will be allowed to count as two Terms. After thus keeping eight terms, he will be permitted to present himself for the B. A. Examination on any subsequent occasion.

## DISCIPLINE.

The resident students are under the immediate charge of the Vice-President.

A Register shall be kept of the attendance of all students at Lectures and Chapel, and of the resident Students at Commons, and the time of their passing the Gate.

The College doors shall be locked at 9.30 p.m., and no Student shall be out of College after that hour, unless by the permission of the Vice-President.

No visitors shall be allowed to remain in College after 9.30 p.m., unless by permission.

The Vice-President is authorized to impose fines or written exercises for infraction of regulations, insubordination, or disorderly conduct; matters of a more serious nature shall be referred to the Board of Discipline, which shall meet once a week or oftener if required.

Each Professor shall keep a record of the attendance at his Lectures, and of the way each student was prepared, to be handed in at the weekly meeting of the Board, and duly registered by the President.

The Board of Discipline may deprive any Student of his Term, in consequence of repeated absence from Lectures, or neglect of due preparation.

In cases of sickness a medical certificate must be produced, if required by the Board.

*Extracts from the Statutes.*

No undergraduate shall resort to any inn, tavern, or public house, except for some special cause, to be approved by the President, or shall spend his time in the streets of the town.

All bills of the Undergraduates are to be sent by the tradesmen with whom the debts are incurred, to the Bursar, at the end of every term; and parents are particularly requested to refuse payment of any bills not thus sent in.

THE INTRODUCTION OF SPIRITUOUS LIQUORS INTO THE COLLEGE IS ABSOLUTELY PROHIBITED.

HOURS OF PRAYER.....7 A. M., 9.30 P. M.

HOURS OF MEALS.....Breakfast 8 A. M., Dinner 3.50 P. M.

MORNING BELL.....6.30 A. M.

EVENING BELL.....9.30 P. M.

### The University Library.

The foundation of the Library is due to the efforts of the first Bishop of Nova Scotia, and may be placed in the year 1799. Several contributions in money had previously been received, but it was not till that year that active efforts were made to obtain books.

The original fund at the disposal of the Governors was not more than £250 sterling, and was intrusted to Mr. John Inglis, son of the Bishop, and a graduate of the University, who repaired to England, in 1800, for the purpose of purchasing books. The names of Dr. Moore, Archbishop of Canterbury, Dr. Porteous, Bishop of London, Dr. Horsley, Bishop of Rochester, William Wilberforce, Sir S. Bernard Morland, John Eardley Wilmot, M.P., and others thus became connected with the early history of the Library.

Munificent gifts from the University of Oxford continued to increase the value of the collection, which was further enriched by gifts from various English gentlemen, and from others settled in Nova Scotia.

The room in the College building set apart for many years for a Library Hall, was completed in 1810 at the expense of Sir Thomas Strange, and the Archbishop of Canterbury.

Subsequently valuable works were presented by Drs. Bayard and McCulloch, and by the Society for Promoting Christian Knowledge.

Among later benefactors, must be mentioned Dr. Greswell of Worcester College, Oxford; The Smithsonian Institute; The British and Foreign Bible Society; The Dean and Chapter of Westminster; T. B. Akins, D. C. L., the author of a History of King's College, and the donor of the "Akins Library," a collection of rare and valuable works issued by the most renowned Venetian and Parisian presses; the Society of Incorporated Alumni of King's College, who have largely contributed to the increase of the Modern Languages Department of the Library; E. Binney, Esq., who made a large donation of Standard Theological Works; C. Cogswell, M. D.; the present Bishop of Nova Scotia, and Her Majesty the Queen.

This large collection of books, now numbering 6191 volumes, contained till the year 1864 within a single room in the College building, was then removed to the new Hall specially built for the purpose and presented to the University by the Incorporated Alumni. It contains a large number of Standard works of reference in Theology which is by far the richest department in the Library—and an excellent selection of the great Greek and Latin classics.

In History and Belles-Lettres it is very poorly supplied, and many a work is wanting on the shelves of this department.

In Science the most recent standard books have from time to time been added, and after Theology and Classics, this is the

largest department. The languages of Modern Europe are not so well represented.

In spite of the many blanks, the Library is the largest in the Province and contains all the elements requisite for making it a thoroughly well appointed and efficient Reference Library, capable of benefiting others as well as the members of the University. Steps have been taken to extend, under certain necessary restrictions, the range of influence of the Library, by opening it up to the public.

There is no special Library fund, and the collection can only be increased by grants of money from the Governors, the occasional lapsing of the General Williams Prize Fund, and chiefly by the benefactions of friends of the University and of Literature.

#### NOTE.

In order to afford greater facility to intending Benefactors, the following list of authors whose works are not in the Library, has been, by a resolution of the Board of Governors, ordered to be printed:

#### ENGLISH HISTORY AND LITERATURE.

Wordsworth.	Sheridan, R. B.	Eliot, George
Crabbe.	Pepys.	Farquhar, G.
Keats.	Taylor.	Hooke, Theo.
Lamb, Charles	Coleridge.	Marlowe.
Wilson, Prof.	Campbell.	Quarles.
Procter, A. A.	Hunt, Leigh	Turner.
Landon, L. E.	Montgomery.	Southey.
Cobbett, Will.	Smith, Jas. & Horace	Moore.
Hood, Thomas	Anster.	Byron.
Currer Bell.	Sidney Smith.	Hogg.
DeQuincey, T.	Tennyson.	Landor.
Ford.	Swinburne, A.	Baillie, Joanna

Hazlitt.	Scott.	Lord Lytton.
Browning, R. B.	Shelley.	Smollett.
Carlyle, Thomas	Rogers.	Knowles, S.
Coleman, the younger.	Cunningham.	Miller, Hugh
Fielding.	Milman.	Rowe.
Jerrold, Douglas	Hemans, Mrs.	Walton, I.
Massinger.	Jeffrey.	Young.
Richardson.	Browning, Mrs.	Thackeray.
Tytler, F.	Ruskin.	Dickens.
&c.	&c.	&c.

Grammars and Philological works, especially by

Shaw. Angus. Latham. Richardson. Trench. Alford. Abbott.

Histories of Literature, English and American—

Shaw. Chambers. Craik.

Dictionaries of Biography, Dates, and Language—

Cates. Haydn. Richardson. Ogilvie. Worcester.

#### FRENCH LITERATURE.

LaFontaine.	Diderot.	Boileau.
Massillon.	Victor Hugo.	Descartes.
LaRochefoucauld.	Thierry.	Rollin.
Fontenelle.	Dumas, Alex.	Montaigne.
Rotrou.	Pascal.	Mirabeau.
D'Alembert.	Fénelon.	Guizot.
Beaumarchais.	Crébillon.	Blanc, Louis
Thiers.	Regnard.	Bernard, C. de
Ponsard.	Saint Simon.	Balzac.
Sévigné.	Rousseau.	Sand, Georges
Bossuet.	Taine.	About.
LaBryère.	Blanc, Charles	Prévost-Paradol.
Montesquieu.	Augier.	Chénier.
LeSage.	Bourdaloue.	Béranger.

Gautier, Théo. Lord Karr, Al. Musset, Alfred de  
 Nodier, Ch. Sainte-Beuve. Souvestre, Em.  
 Barrau. Michelet. Nisard.  
 Saintine. Topffer. Vigny, Alf. de  
 DeStael. Châteaubriand. Courier, P. L.  
 Delavigne. Mérimée. Esquiros.

Grammars, Histories of Literature and Dictionaries are much wanted.

GERMAN LITERATURE.

Klopstock. Tieck. Novalis.  
 Musaeus. Körner. Richter, J. P.  
 Gessner. Grimm. Fichte.  
 Winckelmann. Schlegel. Wieland.  
 Kant. Uhland. &c. &c.

Grammars, Histories of Literature and Dictionaries

ITALIAN AND SPANISH LITERATURE.

The Literature of Italy and Spain is unrepresented at present.

THEOLOGICAL LITERATURE.

It would be very desirable to have a choice selection of works bearing on the controversies of the day, as well as a few of the principal periodicals.

CLASSICAL LITERATURE.

A uniform edition of the Classics, and a series of the publications of the best modern critics and annotators.

SCIENTIFIC LITERATURE.

The most modern editions of the Standard Works on Science.

All Benefactions to the Library should be addressed to:

THE LIBRARIAN,

KING'S COLLEGE,

Windsor, N. S.

in order that the receipt may be duly acknowledged and the Benefaction recorded in the Annual Calendar.

Regulations for the Library.

EXTRACT FROM THE STATUTES.

"The Librarian or his Deputy shall attend daily in the Library at an appointed hour. Undergraduates may use the Library when he is present, and may obtain books from him to be taken to any room within the College, and to be retained for such time as he with the sanction of the President may permit."

"Damage done to any book, plate, or other thing belonging to the Library, shall be made good by the person in whose name it is entered in the Register."

REGULATIONS FOR THE ADMISSION OF THE PUBLIC  
TO THE LIBRARY.

The Library and Museum of King's College are open to the public from 12 o'clock noon, till 4 P. M. every Saturday during term time, under the following regulations:

1. A written application, (of which a form may be obtained at the Library) must be sent to the Librarian stating the name, residence and profession of the applicant, and the purpose for which admission is sought. If the applicant be not a householder in Windsor, he or she must be recommended by some well known resident.

2. On the application being submitted by the Librarian to the Library Committee and approved of, the applicant will be notified of the fact and will be admitted to the privilege of using the Library as soon as he or she shall have paid into the Librarian's hands a subscription of \$4.00 for the year, dating from the date of the application.

3. Every person admitted to the privilege of using the Library shall sign a declaration to observe the Rules and Regulations ordered for the proper conducting of the Library.

Family subscription; \$10.00 per annum.

BENEFACTIONS TO THE LIBRARY.

1870-71.

THE AKINS LIBRARY of 152 vols. T. B. AKINS, Esq., D.C.L.

This consists of a choice selection of books, nearly all rare and sumptuous editions. It contains a copy of the *Editio Princeps* of *Aristotle*, some 400 years old, with two of the volumes still in their original binding; the *Paraphrases of Erasmus*, printed in

1548, and ordered to be read in churches; a precious copy of the first edition of the *Bishops' Bible*, containing quaint plates and portraits of two great celebrities of the reign of Queen Elizabeth, namely, the brilliant and unfortunate Leicester and the grave Burleigh. Several works from the press of Stephanus of Paris: a large folio edition on vellum of the *New Testament* in Greek, published under the direction of King Francis I., the protector of arts and letters; the great edition of Virgil's works printed by Stephanus in 1532 for the same sovereign, and a copy of the very rare duodecimo edition of the *Nov. Test. Græcum*, from the Royal Library. From Venice there is the remarkably beautiful and precious edition of *Rei Rustica Scriptores*, printed in 1472 by Nicholas Jenson, and well known to book-worms and connoisseurs for its sumptuous execution. It is accompanied by a copy of *Pliny's Natural History*, translated into Italian, and produced by the same printer.

The specimens of Aldine typography number nearly twenty different volumes, all executed in that perfect manner which has rendered that press so celebrated. There is also a very small Hebrew Bible.

The Akins Library contains besides, several illuminated and rubricated manuscripts.

THE ANNUAL REGISTER, 1758 to 1823. 47 vols. Executors of late J. BOYD, Esq., M. D., St. John, N. B.

THE EDINBURGH UNIVERSITY CALENDAR for 1871-72.

M. TULLI CICERONIS EPISTOLAE FAMILIARES—Aldine 1561—  
J. LAWSON, D. C. L., Charlottetown, P. E. I.

ON A WATER from the Coal Measures at Westville, N. S.  
PROF. HOW, D. C. L.

Facsimile of BENEDETTI-BISMARCK draft treaty.

PROF. HOW, D. C. L.

Review of PEYTON'S HISTORICAL ESSAYS. Blundell.

CALENDAR OF DALHOUSIE COLLEGE AND UNIVERSITY.  
 THE COAL FIELDS OF NOVA SCOTIA. J. RUTHERFORD, Esq.  
 SESSIONAL PAPERS, Vol. IV., Nos. 1, 2. 1871. THE DOMINION  
 GOVERNMENT.  
 COPPER COIN. D. H. HIND, Esq., Windsor,  
 BENEFACTORS OF THE LIBRARY.  
 HER MAJESTY THE QUEEN.  
 THE UNIVERSITY OF OXFORD.  
 Mr. Lambert, Boston, Mass.  
 Hon. Judge Croke.  
 Hon. Alexander Brymer.  
 Dr. Moore, Archbishop of Canterbury.  
 Dr. Porteous, Bishop of London.  
 Dr. Horsley, Bishop of Rochester.  
 William Wilberforce.  
 Sir S. Bernard Morland.  
 J. Eardley Wilmot, Esq.  
 Edward King, Esq., England.  
 Mr. Hawkins, Burton on Trent, England.  
 Mr. Forsyth, Halifax, N. S.  
 Hon. Andrew Belcher.  
 Dr. Sutton, Archbishop of Canterbury.  
 Dr. Bayard.  
 Dr. McCulloch.  
 The Society for Promoting Christian Knowledge.  
 Thomas Moore, the poet.  
 The Marquis of Buckingham.  
 Dr. Sumner, Archbishop of Canterbury.  
 The Bishop of Nova Scotia, Visitor of King's College.  
 Reverend Dr. Greswell, Worcester College, Oxford, Eng.  
 The Smithsonian Institute.

Dr. Rigaud, Ipswich, G. B.  
 The Foreign Bible Society.  
 C. B. Bowman, Esq., Windsor, N. S.  
 T. B. Akins, D. C. L., Halifax, N. S.  
 J. C. W. Wilkie, Esq.  
 The Incorporated Alumni of King's College, N. S.  
 Rev. Professor Hill, Halifax, N. S.  
 Reverend A. Gilpin.  
 Archdeacon Willis.  
 Professor D' Utassy.  
 A. Mariotti Gallenga.  
 C. H. Belcher, Esq., Halifax.  
 Harry King, D. C. L.  
 The Royal Society of Antiquaries of the North.  
 Henry Pryor, D. C. L.  
 J. C. Cochran, M. A.  
 Sir W. Fenwick Williams, Bart. of Kars, D. C. L.  
 Reverend Dr. Shreve.  
 Reverend H. L. Owen, Lunenburg.  
 Reverend D. W. Pickett.  
 Reverend E. Maturin.  
 Messrs. Bowes & Sons, Halifax, N. S.  
 T. C. Leaver, Esq.  
 A. James, Esq.  
 Reverend R. H. Bullock.  
 J. G. A. Creighton, Esq.  
 W. T. Townshend, Esq.  
 A. Cowie, M. D.  
 C. W. McCully, Esq.  
 E. Binney, Esq.  
 Hon. Judge Stewart, C. B.  
 Reverend Dr. Twining.  
 Reverend J. H. Clinch.  
 W. Seaman, Esq.  
 Reverend W. Armstrong.

J. R. Willis, Esq.  
 Harvard University.  
 Dalhousie College and University.  
 Bowdoin College.  
 Acadia College.  
 Reverend R. Payne.  
 S. P. Fairbanks, Esq.  
 Reverend E. Ballard.  
 C. Cogswell, M. D.  
 Welsford Committee.  
 Sir W. Denison, Governor of New South Wales.  
 Reverend J. T. Moody.  
 Major Graham, U. S. A.  
 Reverend J. M. Campbell.  
 W. B. Almon, M. D.  
 D. D. Harrington, Esq.  
 J. P. Sargent, Esq.  
 Miss Newell.  
 Reverend Dr. Mountain.  
 Reverend S. T. Rand.  
 Reverend Sam. Haughton.  
 T. K. Almon, Esq.  
 W. Crandall, Esq.  
 Messrs. Mackinlay, Halifax, N. S.  
 G. P. Pond, Esq.  
 W. Bowman, Esq.  
 J. Bourinot, Esq.  
 Lieutenant Duncan, R. A.  
 T. Brown, Esq.  
 E. C. Milner, Esq.  
 Dr. Dawson, Montreal.  
 Dr. F. W. Morris.  
 C. B. Owen, Esq.  
 G. P. Bond, Esq.  
 N. S. Comm'rs to the International Exhibition of 1862.

The Natural History Society of New Brunswick.  
 Reverend T. White.  
 H. Poole, Esq.  
 A. Allison, Esq.  
 J. Allison, Esq.  
 P. Hamilton, Esq.  
 The Medical Superin'dt of the Provincial Hospital for the Insane.  
 The Superintendent of Education in Nova Scotia.  
 J. H. Sherman, Esq.  
 The Government of Prince Edward Island.  
 J. R. Mosse, Esq.  
 Hon. S. L. Shannon.  
 The Bureau of Navigation, Washington, U. S.  
 Hon. Judge Marshall.  
 T. W. Harris, Esq.  
 The Royal Society of London.  
 M. M. Jackson, Esq.  
 Hon. Judge Bliss.  
 R. G. Halliburton, Esq.  
 Rev. A. Brown.  
 B. Murdoch, Q. C.  
 The Executors of J. Boyd, Esq., M. D., St. John, N. B.  
 John Rutherford, Esq., Inspector of Mines, N. S.  
 H. Y. Hind, Esq., M. A.  
 Professor How, D. C. L.  
 J. Lawson, D. C. L., Charlottetown, P. E. I.  
 The Dominion Government.  
 The Geological Survey of the Dominion.

It is respectfully requested that any errors or omissions in the above list be notified to the Librarian, as it is desired to make it as correct and complete as possible.

## The Museum.

### GEOLOGY AND MINERALOGY.

The Geological specimens, many of which are very fine, illustrate the most prominent features of general geology, but the majority have been collected in Nova Scotia and are especially adapted to shew the characters of the Fossil Flora and Fauna of the Province. There are several collections, which may be discriminated as follows:—

1. The Almon Collection, presented about twenty years ago by Dr. W. Almon, of Halifax, contains with many minerals and shells, a considerable number of rock specimens and a few fossils, chiefly from Scotland.
2. The Governors' Collection consists of Coal Fossils obtained in 1860, at the expense of the Governors of the College; these were collected by Dr. How with the valuable assistance of a party headed by Richard Brown, Sr., Esq., then Agent at the Sydney Mines, who from long study was familiar with the district. Many of the specimens are exceedingly fine, and some are of large size.
3. The Alumni Collection consists of Silurian Fossils from Arisaig, N. S., collected, named, and arranged stratigraphically by Dr. Honeyman; purchased and presented, in 1861, by the Alumni of King's College.
4. The Australian Collection consists of specimens obtained in 1863 from Sir William Denison, then Governor of New South

Wales, in exchange for Nova Scotian specimens from the College Cabinet. It contains some beautiful fossils and is arranged stratigraphically: its value is increased by an accompanying large detailed coloured section made by the Government Surveyor of Mines, under instructions from Sir W. Denison.

5. A Collection of British Fossils, chiefly Silurian and Devonian, obtained in exchange for Nova Scotian specimens from the College Cabinet, in 1863, by Captain, now Sir James, Anderson.

6. A Collection from Europe, illustrating chiefly the nature of crystalline and sedimentary rocks, purchased by the Governors.

7. Several Collections, some of which are unnamed, and single specimens, given and obtained by exchange at various times; of these it will suffice to name: Reptilian Tracks of great geological interest, presented by the widow of their discoverer, the late Dr. Harding; valuable Fossils, chiefly carboniferous, presented by H. Poole, Esq.; Silurian Fossils from Arisaig, presented by H. Hill, Esq., Sheriff of Antigonish; Coal Plants from Cumberland Co., presented by Rev. Mr. Townshend, Rector of Amherst; Cretaceous Fossils from England, presented by C. B. Bowman, Esq., and Dr. Honeyman; Silurian and Carboniferous Fossils of Nova Scotia, from Professor How.

The Mineralogical specimens represent the most important species of minerals—some of them are of great beauty. They consist of those in the Almon Collection, of Zeolites collected at the expense of the Governors, and of various others obtained by gifts and exchange, as mentioned with regard to the geological department. Sir Rupert George, Rev. Dr. Robertson, Rector of Wilmot, Mr. H. Brown, Director of the Geological Survey of Victoria, formerly a distinguished student in science at this College, Rev. Mr. Ambrose, Rev. J. C. Cochrane, C. B. Bowman, Esq., J. Bowman, Esq., Rev. D. W. Pickett, Hon. W. Odell, and Prof. How, have presented interesting specimens.



## ZOOLOGY.

The Willis Collection consists of specimens fully illustrating Nova Scotia Mollusca, named, arranged and presented by J. R. Willis, Esq.

The department is further illustrated by a collection of foreign shells, some interesting skulls and skins, and a limited number of preserved animals.

## BOTANY.

The Cogswell Herbarium, bound in five Imperial folio volumes, contains a fine systematically arranged collection of Phænogamous and Cryptogamous Plants of Great Britain, presented by Dr. C. Cogswell.

The Gossip Herbarium consists of a small number of Scottish Plants, presented by Dr. Gossip.

The Willis Herbarium consists of Nova Scotia Algæ and Terrestrial Plants, presented by J. R. Willis, Esq.

The Strange Herbarium consists of a considerable number of East Indian Plants, presented, in 1805, by Sir T. Strange.

There are also a few woods, barks, leaves and fruits—from various sources—presented by C. B. Bowman, Esq., W. B. Almon, Esq., and other benefactors.

## THE GENERAL COLLECTION.

The General Collection consists of various curiosities from different parts of the world, and a small but choice cabinet of coins.

The most interesting curiosities are the beautiful Indian pipe from Vancouver's Island, the models of the Leaning Tower and

the Baptistery at Pisa, and the memorials of Gen. Williams and Gen. Inglis, which include the sword worn by the former throughout the siege of Kars and that used by the latter during the defence of Lucknow. There is also a model of the Cawnpore Memorial Cross, formed of wood from the house in the court-yard of which the women and children were massacred.

The College possesses also a number of autographs of royal and distinguished personages: one of Thomas Moore, the poet, inscribed in a copy of Lucian, presented by him to the College on the occasion of his visit.

The coins illustrate the Numismatics of Rome and most of the countries of the modern world.

The different departments of the Museum are arranged in twenty-four flat cases, supported by the balustrade surrounding the gallery, and four large table cases, all glazed and provided with lock and key. The larger specimens which could not conveniently be placed in cases are arranged on shelves or distributed in different parts of the Hall.

There is still a great deficiency in several of the geological departments, especially those relating to Silurian, Devonian, Carboniferous and Triassic fossils; and owing to the want of additional cases the scientific arrangement is yet very incomplete. The specimens illustrating North American Geology are very few in number. The whole of the New York Series is unrepresented, and the illustrations from different provinces of the Dominion exclusive of Nova Scotia are exceedingly limited. The Curator has accumulated numerous specimens of Nova Scotia minerals and some fossils, and would be glad to exchange these for specimens illustrating the geology of different rock series in various parts of the Dominion and the United States.

The friends of Science in Nova Scotia and elsewhere are respectfully requested to contribute specimens to the Museum of King's College. The steps which have been lately taken by the Governors to provide suitable cases for the arrangement and display of the contents of the Museum in the fine Hall erected at the expense of

the Alumni, offer a guarantee that the liberality of donors will be carefully recognized and faithfully recorded.

It is particularly requested that donors will send their contributions addressed to the

CURATOR OF KING'S COLLEGE MUSEUM,

WINDSOR, N. S.

in order that the receipt may be duly acknowledged and the donation recorded in the yearly calendars.

BENEFACTIONS TO THE MUSEUM.

1870-71.

- Several specimens of coral..... Mrs. J. Card, Windsor.
- “ “ of fishes..... “ “
- Skull of a porpoise..... “ “
- Carapace of a turtle..... “ “
- Carved pearly Nautilus shell..... “ “
- Cryolite—Greenland..... “ “
- Copper Ore—South America, &c. &c..... “ “
- Fragment of wall of sunken city of Cadiz... “ “
- Piece of Pompey's pillar, Alexandria..... “ “
- Wooden clogs—Spain..... “ “
- Maté cup and stick—South America..... “ “
- Canoe (model) made of skin of Cuban }  
wild boar..... “ “ }
- Alabaster model of Leaning Tower of Pisa. “ “
- “ “ Baptistery of Pisa..... “ “
- “ “ the Doves of Pliny Vase..... “ “
- Coralline—East coast of Nova Scotia..... “ “
- Fossil..... Rev. S. Boyd, B. A., St. John, N.B.
- Indian Stone Axes }  
French Acadian Axe }..... R. W. Chipman, Esq.
- Rich balustrade railing for the Museum gallery—  
E. W. Dimock, Esq.

BENEFACTORS OF THE MUSEUM AND CABINET OF COINS.

- Sir Thomas Strange, Chief Justice of Nova Scotia.
- Sir John Wentworth, Bt., Lt.-Gov. of Nova Scotia.
- Sir Rupert George, Bart.
- W. J. Almon, M. D., Halifax.
- C. B. Bowman, Esq., Windsor.
- J. R. Willis, Esq.
- Sir W. Fenwick Williams, Bart. of Kars, D. C. L.
- Sir J. E. W. Inglis, D. C. L.
- Hon. M. B. Almon.
- T. C. Leaver, Esq.
- Messrs. Wesley and Sandford.
- J. C. Halliburton, Esq.
- R. Morrow, Esq.
- Miss Belcher.
- H. Ross, Esq.
- G. Crichton, Esq.
- H. Poole, Esq.
- Phillipott, Esq.
- W. Pryor, Esq.
- J. C. Bowman, Esq.
- F. Bowman, Esq.
- W. B. Armstrong, Esq.
- J. O. King, Esq.
- Mrs. N. Uniacke.
- Mrs. Inglis.
- High Sheriff of Hants
- H. C. Carman, Esq.
- Rev. J. Ambrose.
- Captain Crawford.
- R. Thomas, Esq.
- Rev. J. W. Tays.
- Mrs. J. O. King.

H. King, D. C. L.  
 Rev. D. W. Pickett.  
 Rev. Professor Hensley, D. D.  
 Rev. C. Bowman.  
 H. Brown, Esq.  
 J. Allison, Esq.  
 W. H. Blanchard, Esq.  
 R. Davis, Esq.  
 The Society of Incorporated Alumni of King's College.  
 Dr. Gossip.  
 Hon. J. E. Fairbanks.  
 Rev. Dr. Twining.  
 C. Cogswell, M. D.  
 Dr. McIlree.  
 Rev. J. C. Cochran.  
 C. Ryan, 62nd Regt.  
 H. Hesslein, Esq.  
 M. Suther, Esq., R. M.  
 Rev. G. Townshend.  
 T. R. Almon, Esq.  
 A. Allison, Esq.  
 Alderman J. Duggan.  
 Rev. J. M. Campbell.  
 J. Glenie, Esq.  
 Mrs. Judge Hill.  
 The Micmac Mining Company.  
 Mrs. Harding.  
 J. Braine, Esq.  
 Professor How, D. C. L.  
 J. Murray, Esq.  
 F. Kinnear, Esq.  
 H. Wainwright, Esq.  
 S. Fairbanks, Esq.  
 G. Armstrong, Esq.  
 H. Binney, Esq.

Mrs. H. King.  
 H. Pryor, D. C. L.  
 Rev. J. T. Moody.  
 Captain Sir James Anderson, England.  
 Hon. Justice Bliss.  
 Mrs. Bliss.  
 W. Shore, Esq.  
 Hon. W. H. Odell.  
 The Venerable Archdeacon McCawley, D. D.,  
 (President of King's College.)  
 Rev. W. G. T. Jarvis.  
 Rev. J. O. Ruggles.  
 T. Wood, Esq.  
 Vice-Admiral Sir Alexander Milne, K. C. B.  
 Hon. Justice Parker.  
 J. Snow, Esq.  
 T. Wier, Esq.  
 A. B. Smith, Esq.  
 Rev. Dr. Honeyman.  
 A. Hensley, Esq.  
 S. Symonds, Esq.  
 B. Smith, Esq.  
 J. Compton, Esq.  
 E. W. Dimock, Esq., Windsor.  
 Rev. S. Boyd, B. A.  
 Mrs. John Card, Windsor.  
 D. H. Hind, Esq.  
 R. W. Chipman, Esq.  
 S. H. Sweet, Esq., Wentworth.

It is respectfully requested that any errors or omissions in the above list be notified to the Librarian, as it is desired to make it as correct and complete as possible.

LIST OF STUDENTS BEFORE THE CHARTER,  
1788 TO 1802.

AS FAR AS CAN BE ASCERTAINED.

J. Inglis	D. Campbell	C. Perkins	M. Wright
J. Bisset	G. Day	H. Monk	E. Boyd
W. F. Bonnell	W. Day	W. McGeachy	W. Hume
G. Haliburton	J. Van Cortlandt	H. Barclay	— Wylie
G.M. Haliburton	A. A. Van Cort-	J. Monk	— Wylie
S. Head	landt	W. Monk	T. Beardsley
M. Head	J. Cunningham	R. Christie	W. Bowen
T. Murray	C. W. Weeks	H. Howe	T. Britain
J. Upham	J. Cochran	A. Howe	P. H. Clarke
E. Arnold	T. Cochran	D. Barclay	— Chalmers
J. S. Arnold	H. H. Cogswell	J. DeLancy	S. Dimock
W. Geddes	M. G. Black	O. DeLancy	— Laird
H. Best	W. Cochran	J. E. Fairbanks	F. Emerson
J. Tremain	T. Barclay	S. P. Fairbanks	H. Emerson
I. Hammill	B. Barclay	D. Knapp	B. Monk
J. Hammill	G. Barclay	J. T. Knapp	W. Monk
T. C. Hammill	W. Gray	— Taylor	T. Ruggles
H. McMonagle	W. DeLancy	— Sneden	J. Thompson
T. C. Emerson	A. Gray	W. Robinson	— Walton
O. Emerson	S. DeLancy	J. Bliss	W. Bernard
L. Hartshorne	C. R. Fairbanks	T. Tremain	G. Harris
M. Leonard	W. Thompson	J. Boggs	F. Holland
R. Inglis	C. Uniacke	J. Fawson	— Holland
A. Inglis	R. Uniacke	B. Wentworth	G. O. Stuart
S. Fraser	D. Hammill	W. Twining	James Stuart
W. Shey	R. Hammill	J. R. Dewolf	T. B. Rowland
J. Clark	B. G. Gray	— Fitch	S. Millidge
C. Campbell	H. Hill	P. Wright	B. De St. Croix

CATALOGUE OF MEMBERS OF THE UNIVERSITY,  
MATRICULATED FROM 1803 TO 1871.

1803	1814	J. T. Moody	J. J. Millidge
W. P. G. Fraser	I. W. D. Gray	W. Winter	A. M. Uniacke
H. Hatch	E. Gilpin	H. Hartshorne	J. Johnston
W. B. Almon	E. Morris	T. R. Wetmore	1825
W. Hill	R. F. Uniacke	J. Pryor	H. J. Fitzgerald
B. Bayard	J. B. Uniacke	A. D. Parker	E. L. Brinley
R. Viets	D. L. Robinson	F. W. Miles	T. J. Curren
1804	1815	H. E. Cogswell	G. Hill
C. J. Morris	L. M. Wilkins	E. S. Freer	1826
J. W. Nutting	R. Claiborne	F. S. Crawley	G. Botsford
1805	G. P. Bliss	M. I. Wilkins	C. Botsford
A. W. Cochran	H. N. Arnold	1821	J. H. Clinch
A. Barclay	J. Peters	H. King	1827
E. J. Jarvis	C. W. Wallace	J. C. Cochran	J. Stevenson
1807	1816	A. Gray	J. L. Trimmingham
H. Binney	E. A. Crawley	1822	J. W. Ratchford
C. Ingles	F. W. Morris	S. E. Arnold	W. E. Scovil
T. Paddock	C. Twining	G. S. Jarvis	N. W. Wallop
J. Boyd	1817	C. O. Wiggins	JCP Haliburton
1809	J. Shreve	J. Black	C. Cogswell
J. Cochran	G. McCawley	J. U. Jeffery	J. Dunn
J. T. Twining	G. L. Wiggins	R. H. Peters	PM Cunningham
W. B. Bliss	H. W. Crawley	E. C. Barss	1828
1810	A. Gilpin	S. P. Freeman	J. S. H. Smith
S. P. Fairbanks	1818	1823	C. J. Shreve
J. Lawson	W. Walker	J. C. Haliburton	R. B. Porter
T. C. Haliburton	W. B. King	A. V. G. Wiggins	B. D. Fraser
1811	1819	J. S. Clarke	W. H. Snyder
R. Parker	J. C. Hall	J. H. Clarke	J. S. Thomson
C. A. Shreve	J. A. Griffith	R. B. Wiggins	G. W. Nicholls
J. T. Murray	C. H. Wallace	M. B. Desbrisay	J. H. Gray
1812	C. Inglis	H. Pryor	A. F. Welsford
H. L. Tremain	C. W. H. Harris	H. B. Twining	G. P. Despard
G. F. W. Morris	R. F. Hazen	W. Cogswell	1829
N. Parker	W. Wright	P. A. Knaut	J. C. Haliburton
H. Bliss	C. Fowle	E. C. Campbell	T. C. Leaver
1813	1820	T. H. White	H. L. Owen
E. Monk	J. W. Weeks	1824	J. S. Morris
	O. S. Weeks	J. M. Campbell	T. G. S. Suther
		N. C. W. Thomas	

T. B. Wilson	J. Cunningham	R. T. Roach	J. Ambrose
T. N. Jeffery	C. Merritt	J. D. Parkinson	W. Stuart
1830	1837	D. W. Pickett	R. Payne
H. H. Hamilton	G. A. Viets	E. Gilpin	1849
R. Phipps	J. Stewart	G. W. Hill	C. G. Wiggins
W. J. Almon	J. H. Thorne	S. Hamilton	J. M. Hensley
R. Prescott	1838	1844	W. R. Pickman
J. J. Ritchie	D. D. Stewart	F. H. Almon	1850
G. Townshend	J. Harvey	C. W. Weldon	A. W. Savary
E. Cunard	C. J. Stewart	A. Gilpin	T. C. DesBarres
S. Boggs	C. Simonds	W. Seaman	J. N. Ritchie
1831	W. Black	F. Carrington	J. T. Moody
H. H. Hatch	1839	P. D. H. Neilson	1851
G. H. McColla	R. McLearn	1845	R. Uniacke
T. Maynard	J. H. Mayne	R. M. Hazen	N. Uniacke
J. E. W. Inglis	R. F. Brine	T. T. Hanford	1852
S. J. Scovil	L. M. W. Hill	R. G. Haliburton	J. Randall
G. H. Dewolf	R. Simonds	C. E. Knapp	T. Crisp
A. W. Millidge	P. J. Filleul	C. H. Uniacke	C. McColla
H. P. Hill	M. Jarvis	G. W. T. Jarvis	A. Moren
W. S. Witham	1840	R. E. Smith	H. M. Jarvis
J. M. Sterling	J. E. Owen	H. B. Swabey	R. J. Uniacke
W. Howe	S. D. Brown	W. H. Tremain	1853
1832	T. J. Pope	J. S. Smith	H. P. Almon
W. M. Godfrey	1841	L. M. Wilkins	B. Sawyer
J. Hudson	A. Wright	1846	W. S. Gray
S. L. Shannon	D. J. Wetmore	R. H. Bullock	A. E. Uniacke
C. K. Porter	C. L. Ingles	W. Stewart	P. W. Smith
1833	J. J. S. Mountain	H. M. Spike	R. S. Braine
W. M. Howe	1842	1847	1854
S. Brough	C. J. Simonds	C. Allison	L. H. Bliss
S. Buchan	L.M.A. Gallenga	J. Breathing	C. J. Bonnett
1834	A. H. Weeks	N. Fairbanks	J. J. Hill
M. W. Porter	W. T. Morris	H. DeBlois	O. M. Grindon
J. C. Cogswell	J B Vankoughnet	W. King	J. W. Tays
1835	H. Pope	1848	G. Green
C. W. Leaver	H. G. Parish	W. Hazen	O. Ruggles
G. W. Ritchie	1843	C. Bowman	1855
1836	W. H. Cooper	R. E. M. Campbell	H. Sterns
E. E. B. Nichols	W. Taylor	W. R. Cochran	W. Lawson
E. P. DeBlois	W. Gray	W. Laird	W. M. Moren
C. S. Jeffrey	B. Gray	M. Swabey	R. F. Uniacke
T. Williams	T. W. Robertson	J. B. Butler	W. J. K. Myers
P. C. Hill	J M W Blackman	F. Allison	W. H. Hill
J. Odell	B. Curren	R. S. Sterns	

1856	J. A. Kaulback	R. J. Fretwell	W. Wade
A. J. Cowie	P. Lynch	J. F. Black	R. S. Mutch
A. L. M. Mitchell	C. Holden	W. Scovil	M. W. Maynard
H. M. Gray	J. J. Moore	W. Bennison, E.S	R. Daniel
J. Fraser	W. L. B. McKeil	1863	R. Shreve
J. B. VanBuskirk	W. M. Lyttleton	C. Matthew	H. Harding
H. L. Ruggles	H. C. Boyd	H. Chipman	1867
1857	T. R. Almon	R. Davis	E. Gilpin
J. A. Shaw	W. H. Jamison	L. S. Simonds	S. P. F. Morse
J. F. Mack	N. W. Hoyles	F. W. Borden	T. H. Budd
H. Y. Clarke	A. D. Jamison	A. Smith	J. L. Keating
E. Ansell	J. P. Sargent	H. Boyd	C. S. Hamilton
C. J. Uniacke	W. Archibald, E.S	D. Nickerson	J. P. Tremain
T. C. Leaver	H. C. Carman	G. Metzler	C. A. Coleman
G. W. Hodgson	T. Ward, E. S.	J. D. Fraser	T. S. Peters
L. M. Wilkins	1861	L. Maynard	F. Peters
G. Scott	W. H. L. Cogswell	P. H. Brown	1868
1858	J. Harris	B. Clarke, E. S.	E. D. Berton
G. E. Crawford	J. P. Chandler	J. M. Mack, E.S.	Fullerton
W. B. Almon	J. C. Burgess	S. Murray	W. Shaw, E. S.
W. F. Pryor	A. Barclay	A. Murray	E. Ruggles
J. B. Uniacke	B. Richardson	J. DeWolf	F. Archbold
W. D. Sutherland	J. Chandler	C. Shreve	R. J. Uniacke
M. Bowman	G. Armstrong	W. Bowman	O. C. Wright
1859	A. Brown	J. Brine	C. D. King
C. J. Townshend	H. S. Poole	1864	C. J. Brenton
C. W. McCully	E. C. Milner	T. Boone	1869
B. Smith	T. M. King	G. King	J. M. Townshend
W. H. E. Bullock	C. P. Cochran, E.S	H. Weldon	R. W. Chipman
H. Brown	A. Merkel	C. Almon, E. S.	A. B. Warburton
D. Brown	F. Kinnear	W. H. Tilley	J. Palmer
A. Fraser	G. McNutt	E. H. Owen	C. Dodwell, E. S.
W. B. Armstrong	F. P. Fairbanks	1865	1870
R. Matthew	F. Harding	J. S. Armstrong	A. Peters
E. N. Sharpe	C. Croucher	C. A. Wheelwright	C. Goold
J. A. Jack	1862	C. F. Wiggins	D. H. Hind
H. Wainwright	F. Bowman	C. L. Deveber	C. Oakes
1860	C. W. Payzant	J. R. Armstrong	G. W. Shaw, E. S.
A. C. F. Wood	R. Haire	J. Poyntz	1871
D. D. Harrington	T. Maynard	W. S. Harvey	C. O. Johnson
C. B. Bullock	C. M. Almon	1866	A. R. Dickey
	T. Trenaman, E.S	J. B. Dickey	H. How.
	J. C. Cox	S. Boyd	

## GRADUATES OF KING'S COLLEGE, 1806 TO 1871.

## D. D.

Rev. J. T. Twining.....	1828	Rt. Rev. John Medley.....	1864
Rev. G. McCawley.....	1835	Rev. Wm. Bullock (hon.)...	1865
Rev. J. Shreve.....	1836	Rev. R. J. Uniacke.....	1866
Rev. G. S. Jarvis.....	1840	Rev. T. H. White.....	1866
Rev. J. W. D. Gray.....	1846	Rev. J. M. Hensley.....	1867
Rt. Rev. Hibbert Binney...	1852	Rev. W. H. Cooper.....	1868
Rev. E. Gilpin.....	1863	Rev. E. E. B. Nichols.....	1870

## D. C. L.

Rev. Hibbert Binney.....	1827	Henry Pryor ..	1858
Harry King.....	1835	H. Hartshorne.....	1858
Rev. S. E. Arnold.....	1836	J. C. Cogswell.....	1858
Rev. A. V. G. Wiggins.....	1841	P. C. Hill.....	1858
Right Rev. T. G. S. Suther..	1852	F. Duncan.....	1861
T. J. M. W. Blackman.....	1856	B. Curren.....	1864
R. Binney.....	1857	J. D. Everett.....	1864
J. J. S. Mountain.....	1858	Sir R. G. Macdonnell.....	1865
J. R. Hea.....	1858		

## Honorary D. C. L.

W. B. Almon.....	1810	A. M. Uniacke.....	1855
R. Bayard.....	1811	<i>Maj.-Gen.</i> Sir J. E. W. Inglis.	1858
Rt. Rev. A. G. Spencer ..	1827	<i>Lt.-Gen.</i> Sir W. F. Williams..	1858
Ven. G. O. Stuart.....	1827	J. Anderson.....	1861
Rev. J. Millidge.....	1827	H. How ..	1861
Rev. T. B. Rowland.....	1827	Hon. W. B. Bliss.....	1863
Sir James Stuart, Bart.....	1827	Rev. Dr. Honeyman.....	1864
B. De St. Croix.....	1827	T. B. Akins.....	1865
A. Barclay.....	1827	Beamish Murdoch, Q. C.....	1867
Hon. A. W. Cochran.....	1840	J. W. Nutting, Proth.....	1868
Rev. L. C. Jenkins.....	1842	Admiral Sir Rodney Mundy..	1869
L. Bell.....	1844	Rt. Rev. Bishop Kelly.....	1869
Hon. H. H. Cogswell.....	1847	J. Lawson.....	1871
Ven. R. Willis.....	1848		

## B. D.

Rev. J. T. Twining.....	1826	Rev. J. M. Hensley.....	1863
Rev. G. McCawley.....	1835	Rev. R. J. Uniacke.....	1866
Rev. G. S. Jarvis.....	1836	Rev. T. H. White.....	1866
Rev. J. Shreve.....	1836	Rev. W. H. Cooper.....	1868
Rev. J. W. D. Gray.....	1846	Rev. E. E. B. Nichols.....	1870
Rev. E. Gilpin.....	1863		

## M. D.

## AD EUNDEM GRADUM.

B. D. Fraser.....	1859	W. J. Almon.....	1859
C. Tupper ..	1859	C. Cogswell.....	1859

## B. C. L.

H. Binney.....	1827	J. J. S. Mountain.....	1858
H. King.....	1835	H. Pryor.....	1858
S. E. Arnold.....	1836	H. Hartshorne.....	1858
A. V. G. Wiggins.....	1841	J. C. Cogswell.....	1858
T. G. S. Suther.....	1852	P. C. Hill.....	1858
T. J. M. W. Blackman.....	1856	F. Duncan.....	1861
R. Binney.....	1857	B. Curren.....	1864
J. R. Hea.....	1858	J. D. Everett.....	1864

## M. A.

H. Binney ..	1814	J. H. Clinch... ..	1833
W. B. Bliss.....	1816	W. E. Scovil.....	1834
J. T. Twining.....	1816	E. C. Barss.....	1835
J. Lawson ..	1817	G. L. Wiggins.....	1836
G. E. W. Morris.....	1821	A. V. G. Wiggins..	1836
R. F. Uniacke.....	1823	C. O. Wiggins.....	1839
J. B. Uniacke.....	1823	E. E. B. Nichols.....	1847
E. A. Crawley.....	1823	J. B. Smith.....	1848
G. McCawley.....	1824	E. Gilpin... ..	1850
H. N. Arnold.....	1825	T. T. Jones.....	1851
J. Shreve.....	1825	J. J. Ritchie.....	1851
W. B. King.....	1826	J. Stewart.....	1851
C. J. Morris.....	1827	C. W. Weldon.....	1851
O. S. Weeks.....	1827	R. Parker.....	1851
S. E. Arnold.....	1827	T. C. Haliburton.....	1851
G. S. Jarvis.....	1829	J. Odell.....	1851
J. W. D. Gray.....	1829	R. G. Haliburton.....	1852
J. Black.....	1829	G. W. Hill.....	1853
J. S. Clarke.....	1830	T. C. Leaver.....	1853
W. Cogswell.....	1830	E. Maturin.....	1853
H. Pryor.....	1830	R. H. Bullock.....	1855
H. J. Fitzgerald.....	1831	J. R. Hea.....	1855
J. Pryor.....	1831	G. Townshend.....	1856
M. B. Desbrisay.....	1832	J. Ambrose.....	1856
J. C. Cochran.....	1832	J. M. Hensley.....	1856
R. B. Wiggins.....	1832	R. Binney.....	1857
J. M. Campbell.....	1833	T. Maynard.....	1857
J. Stephenson.....	1833	D. W. Pickett.....	1857
A. Gray.....	1833	W. Stuart.....	1857
J. T. T. Moody.....	1833	A. W. Savary.....	1857

C. Bowman	1858	G. W. Hodgson	1864
T. C. Desbarres	1858	W. S. Harvey	1865
J. N. Ritchie	1858	F. Allison	1865
T. D. Ruddell	1858	T. Crisp	1868
B. Curren	1859	W. H. Cooper	1868
H. P. Almon	1860	T. C. Leaver	1868
J. D. Everett	1861	A. C. Wood	1868
A. Moren	1861	W. H. Bullock	1868
J. W. Disbrow	1862	J. A. Kaulback	1868
J. O. Ruggles	1863	M. Swabey	1869
R. F. Uniacke	1863	W. B. Armstrong	1869
W. G. T. Jarvis	1863	D. Nickerson	1870
J. Randall	1863	J. Hutchison	1870
J. J. Hill	1863	W. F. Pryor	1870
J. Forsyth	1864	W. R. Cochran	1871
B. A.			
R. Viets	1807	J. Shreve	1821
W. Hill	1807	A. Gilpin	1822
W. P. G. Fraser	1809	W. W. Walker	1822
A. Barclay	1809	W. B. King	1822
E. J. Jarvis	1809	J. C. Hall	1823
J. W. Nutting	1810	C. H. Wallace	1823
A. W. Cochran	1811	W. Wright	1823
H. Binney	1811	C. W. H. Harris	1823
C. Ingles	1811	J. W. Weeks	1824
W. B. Bliss	1813	J. T. T. Moody	1824
J. T. Twining	1813	O. S. Weeks	1824
J. Lawson	1814	T. R. Wetmore	1824
R. Parker	1814	J. Pryor	1824
T. C. Haliburton	1815	A. D. Parker	1824
C. A. Shreve	1815	F. W. Miles	1824
G. E. W. Morris	1816	H. E. Cogswell	1824
H. Bliss	1816	Martin I. Wilkins	1824
N. Parker	1816	H. Hartshorne	1824
J. T. Murray	1816	H. King	1825
J. W. D. Gray	1818	J. C. Cochran	1825
R. F. Uniacke	1818	S. E. Arnold	1825
J. B. Uniacke	1818	Arch Gray	1825
D. L. Robinson	1818	J. Black	1826
H. N. Arnold	1819	G. S. Jarvis	1826
J. Peters	1819	E. C. Barss	1826
L. M. Wilkins	1819	J. S. Clarke	1826
E. A. Crawley	1819	R. B. Wiggins	1827
C. J. Morris	1820	W. Cogswell	1827
C. Twining	1820	M. B. Desbrisay	1827
G. McCawley	1821	H. B. Twining	1827
G. L. Wiggins	1821	H. Pryor	1827

T. H. White	1827	E. E. B. Nichols	1840
J. M. Campbell	1827	J. Stewart	1840
E. S. Freer	1828	W. S. Black	1840
A. M. Uniacke	1828	G. W. Ritchie	1842
J. J. Millidge	1828	D. D. Stewart	1842
H. J. Fitzgerald	1828	R. McLearn	1843
A. V. G. Wiggins	1829	G. Townshend	1843
J. Johnston	1829	R. F. Brine	1843
J. H. Clinch	1830	C. Simonds	1843
J. Stevenson	1830	P. J. Filleul	1843
J. G. P. Haliburton	1831	R. Simonds	1843
J. Dunn	1831	L. M. W. Hill	1843
W. E. Scovil	1831	J. Harvey	1844
C. Cogswell	1831	D. J. Wetmore	1845
C. J. Shreve	1832	C. L. Inglis	1845
P. M. Cunningham	1832	J. J. S. Mountain	1845
R. B. Porter	1832	A. H. Weeks	1846
J. S. Thompson	1832	W. T. Morris	1846
J. H. Gray	1832	B. J. Vankoughnet	1846
G. P. Despard	1832	W. H. Cooper	1846
C. J. Haliburton	1832	H. G. Farish	1846
W. H. Snyder	1832	W. Taylor	1847
T. C. Leaver	1833	B. Curren	1847
T. G. S. Suther	1833	D. W. Pickett	1847
T. B. Wilson	1833	E. Gilpin	1847
H. L. Owen	1833	D. S. Hamilton	1847
H. H. Hamilton	1834	G. W. Hill	1847
W. J. Almon	1834	W. Gray	1847
S. Boggs	1834	B. Gray	1847
S. Brough	1834	C. W. Weldon	1848
J. Hudson	1834	F. H. Almon	1848
J. S. Morris	1835	A. Gilpin	1848
J. R. Prescott	1835	J. S. Smith	1849
J. J. Ritchie	1835	R. G. Haliburton	1849
W. Howe	1835	R. E. Smith	1849
T. Maynard	1835	H. B. Swabey	1849
S. L. Shannon	1836	R. M. Hazen	1849
C. K. Porter	1836	W. G. T. Jarvis	1850
A. W. Millidge	1836	R. H. Bullock	1850
J. M. Sterling	1836	H. Spike	1850
W. M. Howe	1837	R. T. Roach	1850
J. C. Cogswell	1838	W. Stewart	1850
W. M. Godfrey	1838	C. Allison	1850
C. S. Jeffery	1840	H. DeBlois	1851
J. H. Thorne	1840	N. Fairbanks	1851
P. C. Hill	1840	W. Hazen	1852
J. Odell	1840	T. Hanford	1852
C. Merritt	1840	C. Bowman	1852

W. R. Cochran.....	1852	H. S. Wainwright.....	1863
M. Swabey.....	1852	W. E. Scovil.....	1863
J. B. Butler.....	1852	J. A. Jack.....	1863
F. Allison.....	1852	C. B. Bullock.....	1864
R. S. Sterns.....	1852	A. C. Wood.....	1864
J. Ambrose.....	1852	C. Holden.....	1864
W. Stuart.....	1852	A. Kaulbach.....	1864
E. M. Maturin.....	1853	D. Harrington.....	1864
J. M. Hensley.....	1853	W. B. McKiel.....	1864
C. G. Wiggins.....	1853	J. Moore.....	1864
T. Blackman.....	1853	W. H. Jamison.....	1864
W. R. Pickman.....	1853	A. D. Jamison.....	1864
A. W. Savary.....	1854	J. P. Sargent.....	1864
J. N. Ritchie.....	1854	W. S. Harvey.....	1865
J. T. Moody.....	1854	F. Fairbanks.....	1865
T. C. DesBarres.....	1855	F. Harding.....	1865
N. F. Uniacke.....	1855	A. Brown.....	1865
R. Uniacke.....	1855	T. M. King.....	1865
J. Randall.....	1855	H. S. Poole.....	1865
T. Crisp.....	1856	J. B. Richardson.....	1865
A. Moren.....	1856	C. Croucher.....	1865
H. M. Jarvis.....	1856	F. Kinnear.....	1865
R. J. Uniacke.....	1856	J. P. Chandler.....	1866
T. D. Ruddell.....	1857	J. F. Black.....	1866
C. McColla.....	1857	J. Chandler.....	1866
H. P. Almon.....	1857	R. Haire.....	1866
W. S. Gray.....	1857	C. W. Payzant.....	1866
R. T. Braine.....	1857	J. C. Cox.....	1866
P. W. Smith.....	1857	H. Chipman.....	1867
L. H. Bliss.....	1858	R. Davis.....	1867
J. J. Hill.....	1858	L. S. Symonds.....	1867
O. M. Grindon.....	1858	F. Borden.....	1867
J. W. Forsythe.....	1858	A. Smith.....	1867
H. Sterns.....	1859	D. Nickerson.....	1867
J. O. Ruggles.....	1859	G. Metzler.....	1867
R. F. Uniacke.....	1859	P. A. Brown.....	1867
A. L. Mitchell.....	1859	C. Matthew.....	1868
T. C. Leaver.....	1860	G. H. King.....	1868
E. Ansell.....	1861	H. Weldon.....	1868
G. W. Hodgson.....	1861	J. S. Armstrong.....	1869
L. M. Wilkins.....	1861	J. Hutchison.....	1870
W. F. Pryor.....	1862	R. Shreve.....	1870
J. B. Uniacke.....	1862	S. Boyd.....	1870
W. D. Sutherland.....	1862	H. Harding.....	1870
M. Bowman.....	1862	C. F. Wiggins.....	1870
C. J. Townshend.....	1863	J. L. Keating.....	1871
B. Smith.....	1863	F. Peters.....	1871
W. H. E. Bullock.....	1863	J. Gilpin.....	1871
W. B. Armstrong.....	1863	C. S. Hamilton.....	1871
C. W. McCully.....	1863		

THE  
**Alumni of King's College,**

WINDSOR, NOVA SCOTIA.

ESTABLISHED 1846. INCORPORATED 1847.



## OFFICERS

OF

### The Incorporated Alumni of King's College,

FOR THE YEAR ENDING JUNE, 1872.

#### Patron.

HIS HONOR MAJOR-GENL. SIR HASTINGS DOYLE, Lieutenant-Governor of  
Nova Scotia, &c., &c.

#### President.

FREDERICK ALLISON, Esq., M. A.

#### Vice-President.

CHARLES GOSSIP, Esq., M. D.

#### Committee.

CHARLES GOSSIP, Esq., M. D.

CHARLES CARMAN, Esq.

REV. J. B. RICHARDSON.

T. B. AKINS, Esq., D. C. L.

REV. CANON COCHRAN, M. A.

ANDREW J. COWIE, M. D.

CHARLES BULLOCK, B. A.

#### Treasurer.

B. H. COLLINS, Esq.

#### Secretary.

FITZGERALD COCHRAN, Esq.

### The Incorporated Alumni of King's College.

THE organization of this Society was the result of the efforts of the friends of the University of King's College, to provide relief for the pecuniary difficulties which beset the governing body after the withdrawal of the Imperial grant of £1000 stg. a year in 1832, and the further withdrawal in 1846 of the grant of £500 a year, generously made by the Society for the Propagation of the Gospel, to assist the College at a time when the sudden withdrawal of the Imperial grant had overwhelmed it with financial embarrassments.

At a meeting of a Committee in May, 1846, consisting of representatives of the Governors of the College, of the Alumni, and of the friends of the Institution, the Right Rev. the Visitor, the late Bishop Inglis, stated at considerable length the circumstances in which the University of King's College was placed, and urgently and eloquently appealed for sympathy and aid.

On the 1st June 1846, a circular letter, more particularly addressed to the Alumni and known friends of the College, was adopted and ordered to be printed, and the Rev. F. Uniacke and S. L. Shannon, Esq., were appointed a Sub-committee to draw up a prospectus of an Association of the Alumni of King's College.

At a general meeting of the Alumni, (June 20th, 1846,) the "Constitution of the Associate Alumni of King's College," was adopted. The first clause stated that "the object of the Association is to form a bond of union among those who have received their education in whole or in part, at the University or Collegiate School at Windsor, and other friends of the College, and at the same time to promote the well-being of the Institution."

The following officers of the Association were elected at the first general meeting held on the 22nd June, 1846.

*President* .....REV. B. TWINING, D. D.  
*Vice President* .....HON. H. H. COGSWELL.  
*Treasurer* .....LAWRENCE HARTSHORNE, ESQ.  
*Secretary* .....S. L. SHANNON, ESQ.

A branch Association was formed at St. John, New Brunswick, on the 14th September 1846, to co-operate with the friends of the College in Nova Scotia.

Among the first acts of the Association, were the preparation of the draft of an Act of Incorporation,—the raising of a sum of £2000 to meet the sum of £4000 proposed to be raised by the Right Rev. the Visitor,—and a grant of £125 for the maintenance of a Professor of Modern Languages in King's College.

At the Encania, celebrated at Windsor on the 19th September, 1846, the Lieutenant-Governor, Sir JOHN HARVEY, expressed himself in very favourable and encouraging words respecting the action of the Alumni. "I feel it to be impossible to conclude those brief remarks without recording my admiration of the manner in which those who have received the benefits of their education from this respected Institution, now resident in this Province, have come forward to sustain it at this period of its difficulties, by an appeal breathing towards it a spirit of reverential and affectionate solicitude. This is as it should be. These, its grateful friends, are precisely the source to which the Institution ought to look for—and from which it ought to receive—that aid and support of which it now and may hereafter be in need, and for ensuring the ready and principal aid of these its natural allies; nothing more can, I am persuaded be requisite on the part of the body over which it is my duty to preside, than at once to enter into communication with them in those feelings of cordiality, confidence, kindness and consideration by which I am sure my colleagues are not less sincerely animated than myself."

The Society was incorporated in March 1847,\* "for the promotion of Education," and more particularly for the support of King's College, and the Collegiate School at Windsor.

\* Act passed 30th day of March, 1847.

All persons paying an annual subscription of four dollars, or making at one time a donation of eighty dollars, are entitled to be members of the Society, having been duly admitted under the Bye-laws.

No restriction is placed on religious views, and persons of all denominations may become members of, and eligible to any of the offices or appointments of the Society.

The appropriation of funds for any special purpose is subject to a vote at any general meeting, and all receipts and expenditure of funds are vested in an Executive Committee of nine, by whom the Society is governed and its affairs managed.\*

The first general meeting of the Associated Alumni, after the passing of the Act of Incorporation, was held in Halifax on the 17th March, 1848. The committee announced that as a result of their efforts to raise funds for the support of the College, the sum of £1575 had been raised by subscription during the year; and a further sum, exceeding £400 had been contributed towards the foundation of a Scholarship in memory of the late Rev. William Cogswell.

In December 1848, Sir John Harvey, the Lieutenant Governor of the Province, became Patron of the Associate Alumni of King's College. And during the same month the Executive Committee represented to the Visitor the advantages which would be conferred on the College if the Clergy of the Diocese, who had been educated at the College, were to unite themselves with the Association for the purpose of procuring subscriptions to the general fund.

At a general meeting of the Alumni held in the Halifax Hotel, Halifax, on June 21st, 1849, the Treasurer's account showed a balance of £1620 in hand; the annual subscriptions amounted to £85, and the total subscriptions of the friends of the College up to June 1849, including the Cogswell Scholarship fund, reached £2,413 17s. 6d.

\* See "An Act to incorporate the Alumni of King's College, Windsor," "Bye-Laws of the Alumni of King's College, Windsor,"—"Rules and Regulations."

In 1851 the sum raised reached £2770 4s. 6d. and the annual subscriptions amounted to £128. Of this sum £162 12s. 6d. together with 40 annual subscribers were obtained in New Brunswick, by the exertions of the Reverend J. C. Cochran, M. A.

At a special general meeting, held February 3rd, 1851, a resolution was adopted and a committee appointed to raise funds for the foundation of a professorship of Pastoral Theology, to be called "The Inglis Theological Professorship" in remembrance of the late Bishop.

At a general meeting held in June 1851, several ladies were elected members of the Society, and during this year the Governors of King's College, at the request of the Alumni, abolished all the oaths heretofore taken by undergraduates on matriculation, except the oath of allegiance, a promise of obedience to the Statutes being required in lieu of them. The income of the Society was now about £200 per annum, from annual subscriptions and invested funds.

In the Society's report for 1855, a résumé was given of the result of the efforts of the friends of King's College to raise funds for its support. With the Alumni originated the scheme to raise the sum of TEN THOUSAND POUNDS for the permanent endowment of the College, which was successfully completed in 1854. Up to that time one half of the salary of the Professor of Modern Languages had been paid by them, yearly assistance afforded to the Academy, and annual prizes established for the encouragement of the youth in both Institutions. The Cogswell Cricket prize and the Welsford Testimonial, founded by Dr. Almon, were created in 1856. The receipts for the year ending April 1857, amounted to £222 4s. 7d. In 1858 resolutions\* were adopted that steps should be taken to raise funds for furnishing rooms for a Chapel, a Library, a College Hall and a Museum under the same roof, and that the building should be constructed of brick or stone.

\* The Report of the Executive Committee for 1863 briefly recapitulates the circumstances which led to the construction of the handsome stone edifice which now holds the valuable Library and Museum of the College. The subject was first

In 1861 the new building was commenced, the contract amounting to £2,250, of which £1,800 was subscribed at the date of the report of the committee, and a resolution was passed on the 17th April 1862, pledging the funds of the Association for the payment of the contract. Among the liberal benefactors towards the new Hall, the name of Edward Binney, Esq., is especially mentioned as having supplied the funds for the construction of the Tower, which is named in honour of the donor "The Binney Tower."

The expenses attending the building of the new Hall were not wholly defrayed out of subscriptions for that purpose, and the Executive Committee were compelled to draw \$2395 from invested funds, thus diminishing their annual income, and to a considerable degree restricting their operations.

The contract for the main building was \$9620; this, however does not include the Binney Tower, nor various sums paid from time to time for drainage, roads, engineer's reports, &c. The total cost of the new Hall did not fall far short of \$1200.

At the annual meeting held in the new Hall in 1867, subscriptions were handed in to the Treasurer amounting to \$274 towards defraying the expenses of providing accommodation for the Library. The income of the Society amounted this year to \$1047.

In their annual Report for 1868 the Executive Committee strongly urged the necessity for more united action on the part of the friends of the College, and deplored the existing apathy.

"It should be remembered that it behoves those who, from year to year, go forth from the College, after finishing their course of study, to maintain its reputation and to forward its interests, as their predecessors have done. This is, indeed, now more necessary than ever, in view of the greater competition

formally brought before the Association in June 1858, when the following resolution was proposed by the Rev. Dr. Gray, and unanimously adopted:

"Whereas, it is highly desirable that there should be a building erected for the purpose of furnishing rooms for a Chapel, a Library, a College Hall and Museum under the same roof, and that such building should be constructed of stone or brick,"

"Therefore Resolved, that it be deemed a primary object of the Corporation to collect funds for this purpose; and that a committee be appointed to decide means for carrying this design into effect; and that this Corporation do respectfully express their wish to the Governors that some portion of the general funds should be appropriated to this desirable object."

which now exists in the Educational field, and the wider sphere which is opened up for the display of cultivated intellect.

"But it must be confessed, that, at the present time, there seems to be too great a degree of apathy in regard to the life and advancement of the Institution. Where shall we look for more animated effort and more vigorous exertion, if not among the ranks of those who have received their education within the walls of the College? Every one of these, far from considering himself as done with the Institution as soon as he has B. A. attached to his name, may reasonably be expected to be an active agent in its behalf, in whatever vocation or whatever quarter of the world he may be placed, endeavoring to add to the number of its students, making known its wants and capabilities, enriching its cabinet, contributing books to its library, already the largest in the land, meeting unfounded misrepresentations, and, in short, acting the part of an affectionate son towards his Alma Mater.

"This is what may be seen as regards other similar institutions. An obligation is evidently felt by those connected with them to maintain the interests of their respective Colleges through life, and to be found united in their behalf on all occasions. In this connection, the fact may be mentioned, that of some 230 living Alumni of King's, only about 51 have become annual subscribers to this incorporated Association. If the remaining 180 would join our ranks, and give their four dollars each per annum, much good might be done with the money, dormant prizes and scholarships revived, and more life and spirit would probably be infused into all branches of the Institution in whose behalf we are enrolled. The Executive Committee respectfully commend these suggestions to the attention of those who are now members, as well as of those who as yet stand aloof with their influence and their money."

## REPORT.

THE Executive Committee of the "Incorporated Alumni of King's College," have great pleasure in again meeting the members of the Association, and in presenting to them their twenty-fourth Annual Report.

During the past year, some changes have taken place in the Faculty of the Institution. The chair of Mathematics, vacant at the last Anniversary, has since been filled for a few months by JOHN HUNTER, Esquire, M. A., of Queen's College, Belfast, and is again vacant by the recent resignation of that gentleman. The Committee trust that this important department of Science may not long be suffered to remain uncared for.

The Professorship of Modern Languages was also vacant at the last annual meeting, but has since been filled by the appointment of F. C. SUMICHRAST, Esquire, who, by the energy and vitality which he has infused into his department, has given good earnest of what may be expected of him in the future. This gentleman has also done good service by personally superintending and cataloguing the books, now arranged for the first time in the place designed for their reception in the new College Hall. This work has long been needed, more especially of late, since the munificent gift of T. B. AKINS, Esq., D. C. L., who with rare generosity, in addition to former benefactions, has bestowed upon the University a portion of his valuable library, comprising some 154 volumes, many of them of great value and interest in the departments of science and literature to which they relate.

May King's College never be wanting in such sons to contribute to her support in the time of need, and by doing so in their life

time enjoy the pleasure of witnessing for themselves the beneficial results of their generosity.

In this connection your Committee would thankfully acknowledge the liberality of Edward Dimock, Esq. of Windsor, who has presented the very useful and handsome Iron Railing which surrounds the galleries.

The Committee acknowledge the receipt of a Circular issued by the Visitor and President of the Board of Governors, referring to a proposed change in the Curriculum, whereby degrees and diplomas in Science shall be conferred by the University, and beg to express their entire approval of the same.

In answer to the appeal therein made to the Incorporated Alumni for assistance in carrying out the objects contemplated by the Board of Governors, your Committee would say that they will be ready so far as their means will allow, in the future as they have been in the past to assist in every thing that has for its object the well being of the University, but at the same time they would remind the Association that its present funds are fully pledged to the payment of obligations already incurred.

The suggestion that each Alumnus should endeavour to procure additional paying members your Committee heartily endorse, and it is a subject that has engaged their attention since the last meeting.

Advantage has been taken of the Bye-Law which allows members to be elected at the monthly meetings of your Committee, and through the exertions of some of the Committee several new members have been added to the roll since the last annual meeting.

As several of those who have heretofore contributed to the funds of the Association have refused this year, from various causes to continue their subscriptions, it becomes more than ever necessary that the list of annual subscribers should be increased so as to maintain the Institution upon its present standing, without any reference to contemplated changes.

Your Committee have great pleasure in stating that the suggestion thrown out in their last annual report for a social re-union of the friends of the College at the Encænia has been acted upon, and

that under the direction of a competent Committee satisfactory arrangements have been made to accomplish the object aimed at, and that the Associated Alumni and their friends will have an opportunity of renewing their friendship of former years, and of thus perhaps reviving their interest in the well-being of their Alma Mater.

The details of the arrangements have been published by the Committee appointed for that purpose, and it is to be hoped that in this effort to infuse fresh interest into the annual meetings they will be well supported by every friend of the College.

It is seldom that your Committee have not to record the death of some members of the Association. During the past year, only one has been called away, viz: JOHN BAYLEY BLAND, Esquire, who since the endowment fund was established has been a life member of the Incorporation.

The Treasurer's Account (now submitted) is made up as usual and as required by the Bye-Laws, to 30th April last, and exhibits a balance to the credit of the Society at that date of \$563.25½, but which is subject to the payment of the Alumni's proportion of the salary of the Professor of Modern Languages for the past year, and also some small bills.

The business calling for the immediate attention of the meeting is the election of two Governors in the place of Rev. Thomas Maynard, M. A. and Henry Pryor, D. C. L. who retire by rotation, and of a President and three members of the Executive Committee in place of Benjamin Curren, D. C. L., Rev. William Bullock, M. A., Rev. Charles Bowman, M. A. and Rev. William Armstrong, M. A. who in the order of their election go out of office, but who may be re-elected.

By Order,

FITZ. COCHRAN,

Secretary.

HALIFAX, June 23, 1871.

At the Annual General Meeting of the Alumni of King's College held at Windsor, on Wednesday June 28th, 1871, the following notices of Resolutions to be moved at the next annual meeting were given :

By CHARLES B. BOWMAN, Esq.—

“That the Governors be recommended to impose an annual fee of \$2.00 upon Students and all persons using the Library, towards the salary of the Librarian.” Which was seconded by Rev. Mr. Ambrose.

By PROF. HIND, seconded by PROF. HENSLEY—

“That the Alumni consider that great advantages would be conferred on Collegiate Education in Nova Scotia if a uniform system of examination were established throughout the Province under suitable control, for degrees in Arts, Science, Medicine, Law and Music.

“The Alumni would cordially co-operate in any scheme the Governors might adopt tending to elevate the standard and secure a uniform examination for degrees in Arts, Science, Medicine, Law and Music, and while zealously guarding all the privileges now enjoyed by this University in conferring degrees in Divinity, they would gladly assent to a plan approved by the Governors for affiliating with a Central University which shall not be a teaching Incorporation, but whose powers shall be restricted to the supervision and control of the examination for all degrees in Arts, Science, Medicine, Law and Music in all Colleges in Nova Scotia receiving Government assistance, and that such Central University shall alone possess the power to confer degrees in Arts, Science, Medicine, Law and Music in any College receiving Government aid.

By MR. CARMAN—

“That the following resolution passed at the annual meeting in June 1865 be reconsidered :

*Resolved*, “That any member of this Society whose annual subscription shall remain and be unpaid for three years shall cease to be a member of this Society, and can only be admitted as a new member, by being proposed and seconded and duly elected pursuant to the Bye-Laws.”

By Rev. Mr. AMBROSE—

*Resolved*, “That a Committee of the Alumni be appointed to take such steps as may be necessary to enable a retiring Governor to be re-elected.”

At the same meeting, the following resolutions were passed:—

Moved by the LORD BISHOP, and seconded by the Rev. Mr. AMBROSE—

“That as it appears that the Alumni will not be required to pay the amount promised towards the salary of a Mathematical Professor for the current quarter of this year, amounting to \$62.50,

“And whereas, the Governors have pledged themselves to a large expenditure in completing and beautifying the Hall.

“*Resolved*, that the said amount be contributed by the Alumni towards the expenditure incurred by the Governors.” Passed.

Moved by COL. POYNTZ, seconded by PROF. SUMICHRAST—

“That the Alumni desire to express to the Board of Governors the satisfaction they feel at the steps which have been taken by the Board in repairing, decorating and arranging the Library and Museum, and by the completion of the stair case in the Binney Tower, whereby the valuable collection of Books and Minerals belonging to the College are rendered secure, and that the Secretary be instructed to transmit a copy of this resolution to the President of the Board of Governors without delay.” Passed.

Moved by A. M. COCHRAN, Esq.—

*Resolved*, “That the Board of Governors be respectfully requested to lay their annual Statement of Receipts and Expenditure before the Associated Alumni, to be inserted in the annual report of the Alumni.” Passed.

Moved by Rev. Mr. OWEN—

*Resolved*, “That the thanks of the Associate Alumni be, and are hereby given, to the Rev. Dr. HENSLEY for his valuable and gratuitous services as Librarian for the last 17 years.” Passed.

Moved by Dr. ALMON, seconded by Dr. UNIACKE—

*Resolved*, “That the sum of \$40 be granted to the Librarian for his services for the ensuing year, if the funds of the Association will allow it.”

*The Incorporated Alumni of King's College, Windsor, in account with BRENTON H. COLLINS, Treasurer.*

DR.		CR.	
1870.	May 27. To paid J. & A. McMillan's bill to Dec. 31, 1868, postage 8 cts., P. O. order 5 cts. . . . .	1870.	May 1. By Balance . . . . .
	June 11. " Charles Annand's bill for 1869 . . . . .		3. " Cash for 4 coupons Massachusetts Bonds premium thereon \$3 . . . . .
	18. " A. & H. Creighton 1/2 quire account paper . . . . .		June 17. " Subscriptions per Secretary for 1870 . . . . .
	22. " Professor of Modern Languages, grant to 30th June, 1869 . . . . .		29. " Rev. L. W. Hill's subscription . . . . .
	Sept. 29. " Secretary a year's salary to June 30th, 1870 . . . . .		July 7. " Subscriptions per Secretary . . . . .
			Augt. 3. " do . . . . .
			Novr. 5. " Cash for 4 coupons Massachusetts State Bonds \$100, prem. thereon \$2.75 . . . . .
1871.	April 13. " Bank of N. S. discount on draft on Avon Bridge Co. . . . .		1871.
	30. " Balance . . . . .		Mar. 13. " 1 year's interest to Feb'y 13, 1871 Bond and Mortgage of G. Wilson . . . . .
			April 13. " Dividend of \$2.50 per share on 5 shares Avon Bridge Co. to Jan. 31, 1870 . . . . .
			14. " Dividend of 12 1/2 per ct. on 1 share Temperance Hall Co. . . . .
			Examined and found correct to this date.
1871.	June 7. To paid Charles Annand's bill for 1870 . . . . .		W. H. E. BULLOCK.
	" Church Chronicle do. 1870 . . . . .		CHARLES H. CARMAN.
	" A. Grant do. 1869 & 1870 . . . . .		BRENTON H. COLLINS, Treasurer.
			1871.
			May 1. By Balance . . . . .
			29. " Cash for 4 coupons Massachusetts State Bonds \$100, prem. thereon \$2.50 . . . . .
			June 23. " Cash from Secretary on acct. of subscriptions for 1870 and 1871 . . . . .
			27. " Do . . . . .
			\$881.96

AN ACT TO INCORPORATE THE ALUMNI OF KING'S COLLEGE, WINDSOR.

Passed the 30th day of March, 1847.

WHEREAS, a number of persons have associated themselves under the name of the Alumni of King's College, Windsor, for the promotion of education, and have raised by private contribution sums of money which they are desirous to expend in aid of the funds of the said College, and the Collegiate School, at Windsor, connected therewith, in or towards the maintenance and support of the teachers therein, or in such other way as may best conduce to the end which they have in view, and they are desirous of obtaining assistance from the Legislature, by the passing of an Act of Incorporation for enabling them to hold property, and to manage their affairs with greater ease and convenience.

1. Be it therefore enacted by the Lieutenant-Governor, Council and Assembly: that John T. Twining, James B. Uniacke, Henry Pryor, Hugh Hartshone, and all and every such other person and persons as now are members of, or in the said society, and their successors, shall be and are hereby appointed a body, politic and corporate, in deed and in name, by the name of "The Alumni of King's College, Windsor," and by that name have succession and a common Seal, and by that name shall sue and be sued, plead and be impleaded, at law and in equity, and in all courts and places, and be able and capable in law to have, hold, purchase, get, receive, take, possess, and enjoy, lands, tenements, hereditaments and rents, in fee simple or otherwise, and also goods and chattels, and all other things real, personal and mixed, and also to give, grant, sell, let, assign or convey the same or any part thereof, and to do and execute all other things in and about the same, as shall or may be thought necessary or proper; and also shall have from time to time and at all times full power, authority, and license to constitute, make and establish such Bye-Laws, Rules and Ordinances, as may be thought necessary for the rule and good management of said society, the establishing of officers proper for the

management of its affairs, and declaring the extent, duration, and authority of the offices and officers of the society, and their mode of appointment, and generally for promoting the objects of the society, provided such Bye-Laws, Rules and Ordinances be not contrary and repugnant to the Laws and Statutes of this Province, or those in force within the same, or to the Laws and Statutes of King's College, Windsor, respectively, at the time such Bye-Laws, Rules and Ordinances may be constituted and established, or to the provisions of this Act; and provided, also, that the said society shall not hold at any time, lands, tenements, hereditaments, goods, chattels, property or effects, of greater value than ten thousand pounds.

II. And be it enacted, that all persons paying an annual subscription of twenty shillings or upwards, or making at one time a donation of twenty pounds or upwards, shall be entitled to be members of the said society, having been duly admitted, pursuant to the Bye-Laws thereof, provided that such annual subscription or donation be actually paid into the funds of the society, and provided that no person now a member of the said society, or who, hereafter, may become a member of the same, shall, at any time hereafter, continue a member of the same, unless he shall have heretofore paid, or shall hereafter pay at one time into the funds of the said society a donation of at least twenty pounds, or shall hereafter annually, and from year to year, pay into the said funds the sum of twenty shillings or upwards: and if such annual subscription, or payment of any such annual member, shall not be paid on the first day of May in each year, such member shall thereupon cease to be a member of the said society, until such annual subscription or payment shall be actually paid, or until such person shall otherwise become a member of the said society, under some Bye-Law or Rule thereof.

III. And be it enacted that the said society shall be governed, and its affairs managed, by a committee of nine, comprising a President, Vice-President, and seven other members, a Secretary and Treasurer; the said committee to be henceforth called the Executive Committee, and such other officers as the said society, from time to time may think proper.

IV. And provided and be it enacted, that John T. Twining, D.D. now the President of the said society, shall after the passing of this said Act, be the President of the said society; that the Hon.

Henry Hezekiah Cogswell, now the Vice-President of the said society, be the Vice-President of the said society, after the passing of this Act; that Samuel L. Shannon, Esquire, now the Secretary and Treasurer of the said society, be the Secretary and Treasurer thereof, after the passing of this Act; and Samuel P. Fairbanks, Henry Pryor, James B. Uniacke, William J. Almon, Robert Fitzgerald Uniacke, Mather B. Almon, and Charles Twining, now the Managing committee of the said society, shall after the passing of this Act, be the executive committee of the said incorporated society, until an Executive committee be elected under this Act.

V. And be it enacted that all persons, without regard to religious denomination or difference of religious sentiment may be and at any time hereafter become members of the said incorporated society, being in all other respects entitled to be and become members of the said society, and now, and at any time hereafter, may hold any of the said appointments, or any other offices and appointments in the said incorporated society, being duly elected and appointed thereto, pursuant to the Bye-Laws thereof, any thing contained herein, or in any Rules, Regulations, or Bye-Laws of the said society, to the contrary notwithstanding.

VI. And be it enacted that the said society, incorporated as aforesaid, shall have power from time to time hereafter, to appoint the President, Vice-President, and executive committee, at some general meeting of the said society by a majority of the members of the society present, the whole number present being not less than twenty members, according to such regulations concerning such appointments as may hereafter be made by any Bye-Laws of the said society, to be made by virtue hereof.

VII. And be it enacted that the secretary and treasurer of the said society, and such other officers as may hereafter be required for the management of its affairs, shall be appointed in such manner as shall be declared by the Bye-Laws and Rules of the said society, to be passed by virtue hereof.

VIII. And be it enacted that all donations to the said incorporated society, to constitute life members or otherwise, of not less than twenty pounds, shall be invested under the direction of the executive committee as a permanent fund for the benefit of the said society, and that the funds of the said incorporated society shall from time to time, be laid out and applied by the executive com-



mittee in such way and for such purpose only as any general meeting of the said society may direct or appoint, and that the executive committee shall be bound and are hereby required annually to account to the society for all their acts, receipts, expenditure, and doings whatsoever, in the said office, and to make a report annually to the said society, at its general meeting, of the progress and state of the said society, and of its affairs generally

IX. And be it enacted that a general meeting of the said society shall be held once, that is to say, some time within the last ten days of the month of June, in each year, and as much oftener as may be directed by any Rule or Bye-Law of the said society.

X. And be it enacted, that the executive committee of the said society shall meet and assemble as often as there may be occasion, and any three members shall form a quorum.

## BYE-LAWS

OF

### The Alumni of King's College, Windsor.

PASSED AT A GENERAL MEETING HELD AT HALIFAX HOTEL, JUNE 27, 1848.

I. Besides the Annual General Meeting of the Incorporated Society, it shall be competent for the committee at any time, either of their own accord, or upon a requisition signed by at least ten of the members of the association, upon giving seven days notice in the public papers, to call a special general meeting of the association, specifying the purposes for which it is called, and in which meeting it shall be competent for the association to transact any such business as may be required. Ten members shall be deemed a quorum for the transaction of business.

II. That the books, accounts, and papers of the association shall be open at all times for the inspection of the members, and the secretary shall furnish an account of the affairs of the association whenever required by the committee.

III. That the treasurer and secretary, and such officers as shall be requisite for the incorporated society, shall be annually appointed by the Executive Committee.

IV. That at the annual meeting of the association, the president and vice-president shall alternately go out of office accompanied by the first three of the committee, and that all or any of them having a majority of votes shall be eligible to be re-elected.

V. That at any meeting, members not present may vote by proxy in writing, to be held by any other member; provided that no member shall be entitled to vote either personally or by proxy, whose dues are not all paid up for the preceding year.

VI. That the funds of the association will be appropriated for the payment of one or more professors or lecturers, and one or

more scholarships at the University of King's College, or one or more teachers or exhibitions in the Collegiate School at Windsor, to be denominated the Alumni professorships and scholarships, respectively.

VII. That the association will scrupulously apply such donations as may be made to them, to such specific objects in aid of King's College, as may be directed by the donors respectively.

VIII. That all meetings of the incorporated society shall be opened with prayer.

IX. (*Passed at general meeting of June 21st, 1849.*) That the elections for members of the incorporation shall be by ballot

## RULES AND RESOLUTIONS

PASSED AT DIFFERENT TIMES, AND NOW ORDERED TO BE PUBLISHED.

THAT no resolution or proceeding inconsistent with or modifying any resolution or proceeding adopted by a general meeting be entertained by the executive committee in Halifax, except upon a month's notice to the committee being given by the person proposing the same, and that no such resolution or proceeding be carried into effect until the same shall have been confirmed by a general meeting to be summoned for the consideration thereof, if necessary to be arranged before the annual general meeting.

That a corresponding committee of three residents in Windsor or its neighborhood, the chairman whereof shall be, if possible, a member of the executive committee, be appointed to meet on the second Wednesday in every month, and at such other times as may be expedient, upon summons of the chairman, to confer with the officers of the College or Collegiate School upon any subject to be submitted to them either by such officers, or by the executive committee in Halifax, in reference to the College or School, and to report thereon to the executive committee.

A month's notice shall be given of all resolutions affecting the rights of members, or creating new offices or salaries.

No individual shall be entitled to vote under a parochial certificate unless he be authorized by a parish meeting.

All annual general meetings of this association shall be holden at Windsor.

That the treasurer make up his annual account to the 30th of April in each and every year.

All undergraduates, resident at College, shall be competent to compete for the prize or certificate for modern languages.

At the annual meeting held at Windsor, June 29, 1856, Dr. King moved the resolution, notice of which was given at the last annual meeting by the Rev. Dr. Twining, in reference to the mode of election of Governors, viz.; that the present mode of voting for each individual separately and in alphabetical order be discontinued, and that the usual mode of putting all the names proposed on the

same ballot, out of whom those having the highest number shall be declared elected, should be adopted; which motion was seconded by Dr. Almon. After considerable discussion, Mr. A. M. Cochran moved in amendment that the following proviso be added: "Provided that no person shall be declared elected as Governor unless he have a majority of votes cast." The amendment was seconded by Nepean Clarke, Esq., and carried. The original resolution of Rev. Dr. Twining, as amended by Mr. Cochran's proviso, then passed.

At the general meeting, October, 17th, 1856, it was resolved, "That the right of voting by proxy be in no way interfered with."

The following resolution was passed at the general meeting, 24th June, 1857:

*Resolved*, That the ballot be not sent round for any officer of this association, or of the Board of Governors, whose name has not been previously proposed and seconded by some member of the association; and that the ballot be not taken until all the names of all persons intended to be proposed for any office be given.

At the annual meeting held at Windsor, June 27, 1860, the following resolution was proposed by Dr. Almon, seconded by Rev. Dr. Robertson, and passed:

*Resolved*, that a prize of £5 be given to the student passing the best examination for matriculation, in June next. The day of examination and other details to be settled by the President of the College.

At the annual meeting held June 25, 1862, this grant was discontinued from the want of funds.

At the same meeting the Rev. G. W. Hill moved the following resolution, which was seconded by Dr. Almon, and passed unanimously:

*Resolved*, that the Executive Committee of the Associate Alumni be empowered at their monthly meetings, during the interval between one annual general meeting and the next, to elect members of the Incorporation, provided that no black beans be cast against them.

Rev. Professor Hensley moved the following resolution:

*Whereas*, the funds of this association are pledged, and consequently no funds are left for providing the Alumni scholarship and the usual prizes.

*Resolved*, that honorary certificates be granted in the several departments instead of the prizes as heretofore. Which passed.

At the annual meeting held at Windsor, on Wednesday, 28th June, 1865, the following resolution was proposed by A. M. Uniacke, Esq., D. C. L., and seconded by Col. Poyntz, and passed:

*Resolved*, That any member of this society whose annual subscription shall remain and be unpaid for three years shall cease to be a member of this society, and can only be admitted as a new member by being proposed and seconded and duly elected pursuant to the bye-laws.

At the annual meeting held at Windsor, on Wednesday, 23rd June, 1869, the following resolution was proposed by A. M. Uniacke, D. C. L., seconded by Dr. Almon, and passed:—

"That the Board of Governors be requested to furnish, previous to the annual general meeting of the Associated Alumni in each year, for their information, a copy of the Treasurer's account."

At the same meeting, Rev. Charles Bowman moved the following resolution, which was seconded by Frederick Allison, and passed:

"That all officers of the Associated Alumni shall have been members of the Association, for at least one year previous to their appointment."

## LIFE MEMBERS.

Almon, W. J., M. D. . . . Halifax.  
 Allison, Jonathan C. . . . do.  
 Albro, Edward . . . . do.  
 Allison, G. A. . . . . do.  
 Archbold, E. P. . . . . do.  
 Avery, Rev. R. . . . . Aylesford.  
 Armstrong, Rev. G. . . . St. John, N. B.  
 Atkinson, Alfred. . . . Amherst.

Bishop of Nova Scotia. . . Halifax.  
 Bliss, Lewis . . . . . London.  
 Boggs, Mrs. Stephen . . . do.  
 Boggs, Henry . . . . . do.  
 Bullock, Rev. Dean. . . . Halifax.  
 Brown, E. K. . . . . do.  
 Binney, Edward . . . . do.  
 Barclay, Anthony . . . . New York.  
 Bell, W. J. . . . . Shelburne.  
 Brown, Dr. E. L. . . . . Horton.  
 Brown, Dr. Samuel. . . . Maitland.  
 Brown, Richard. . . . . Sydney Mines.  
 Bond, Dr. J. B. . . . . Yarmouth.  
 Bonnett, Isaac. . . . . Bridgetown.  
 Bayfield, Rear Admiral. . . Charlottetown.

Cowie, Andrew and Sons. . . Liverpool.  
 Creighton, Alex, T. . . . Halifax.  
 Cogswell, Charles, M. D. . . London.  
 Cogswell, Miss. . . . . Halifax.  
 Cunard, William . . . . do.  
 Creighton, J. G. A. . . . do.  
 Clarke, Nepean. . . . . do.  
 Cochran, James. . . . . Newport.  
 Cochran, A. M. . . . . Maitland.  
 Cochran, Alex. . . . . do.  
 Collins, Hon. Enos. . . . Halifax.  
 Collins, F. W. . . . . Liverpool.  
 Creighton, John . . . . Lunenburg.  
 Cochran, Rev. Canon. . . Halifax.

Davis, Robert. . . . . Halifax.  
 Dickson, D. . . . . Albion Mines.  
 Dickey, R. B. . . . . Amherst.

Elliott, Rev. C. . . . . England.

Fraser, Benjamin, M. D. . . Windsor.

Farish, Dr. H. G. . . . . Liverpool.  
 Forsythe, Rev. J. . . . . Truro.  
 Fairbanks, S. P. . . . . Halifax.

Halliburton, J. C. . . . . Halifax.  
 Hartshorne, Hugh. . . . do.  
 Hill, Rev. G. W. . . . . do.  
 Hill, P. Carteret . . . . do.  
 Hare, W. . . . . do.  
 Harris, T. W. . . . . Kentville.  
 Hamilton, Rev. H. H. . . . Manchester.  
 Hamilton, C. C., M. D. . . . Cornwallis.  
 Hodgson, D. . . . . Charlottetown.  
 Hensley, Hon. C. . . . . England.  
 Hazen, R. F. . . . . St. John, N. B.

Jones, C. F. . . . . Weymouth.  
 Jones, St. Clair . . . . do.

Kaulback, J. H. . . . . Lunenburg.

Lynch, Peter . . . . . Halifax.  
 Lyttleton, Capt. W. . . . England.  
 Longworth, J. . . . . Charlottetown.

Moren, J. A. . . . . Halifax.  
 Morris, John S. . . . . London.  
 Morris, Rev. George. . . Halifax.  
 Maynard, Rev. Thos. . . Windsor.  
 Mumford, B. W. . . . . Halifax.  
 Morse, James S. . . . . Amherst.  
 Moody, Rev. J. . . . . Yarmouth.  
 Moody, W. H. . . . . do.  
 Mott, J. P. . . . . Halifax.  
 Merkel, J. W. . . . . do.  
 Merritt, Charles. . . . . St. John, N. B.

Nichols, Rev. E. E. B. . . . Liverpool.

Orpin, John. . . . . Aylesford.  
 Orlebar, Com. R. N. . . . England.  
 Owen, Rev. H. L. . . . . Lunenburg.

Pryor, Henry. . . . . Halifax.  
 Palmer, John L. . . . . Aylesford.  
 Palmer, Edmund. . . . . do.  
 Palmer, Chas. . . . . P. E. Island.  
 Purdy, Dr. B. St. Clair. . . Amherst.

Poyntz, Lieut. Col. . . . . Windsor.

Ritchie, Hon. Judge . . . Halifax.  
 Ritchie, Norman . . . . do.  
 Ritchie, Rev. J. . . . . Annapolis.  
 Rennels, W. . . . . Antigonish.  
 Ratchford, C. E. . . . . Halifax.

Seeley, E. E. . . . . Liverpool.  
 Stewart, Charles J. . . . Halifax.  
 Silver, John . . . . . do.  
 Sawyer, J. J. . . . . do.  
 Snow, Joshua . . . . . Shelburne.  
 Snow, Jabish . . . . . Liverpool.  
 Storrs, Rev. J. . . . . Cornwallis.  
 Starr, Richard. . . . . do.  
 Shreve, Rev. Chas. . . . . Chester.

Scovil, Rev. W. . . . . St. John, N. B.

Townshend, Rev. G. . . . Amherst.  
 Tays, John. . . . . Stewiacke.

Uniacke, A. M. . . . . Halifax.  
 Uniacke, Rev. R. J. . . . Sydney, C. B.

Wilkins, Judge . . . . . Halifax.  
 Wier, Joseph . . . . . do.  
 Woodgate, Arthur. . . . do.  
 White, S. A. . . . . do.  
 White, Cornelius. . . . . Shelburne.  
 White, Rev. T. H. . . . . do.  
 Woolaver, Nelson . . . . Newport.  
 Whitford, Joseph. . . . . Chester.  
 Whitford, Thos. . . . . do.

## ANNUAL SUBSCRIBERS.

Akins, T. B., D. C. L.  
 Allison, Frederick.  
 Almon, M. B., Jr.  
 Ambrose, Rev. John.  
 Armstrong, Rev. Wm. B.

Bliss, Mr. Justice.  
 Bowman, C. B.  
 Binney, Edward.  
 Brown, T. A.  
 Bowman, Rev. Charles.  
 Bullock, Rev. William.  
 Boyd, Rev. Stanley.  
 Brown, Rev. Alfred.  
 Bullock, C. B.  
 Brown, Rev. Philip.

Cogswell, Dr. C.  
 Cunard, William.  
 Collins, Brenton H.  
 Creighton, J. G. A.  
 Curren, Benj., D. C. L.  
 Cowie, Dr.  
 Cochran, Fitzgerald.  
 Cochran, Charles.

Dodwell, Rev. G.  
 Dimock, Edward.  
 Dimock, William.

Fairbanks, S. P.  
 Fraser, Dr. Benjamin.  
 Fairbanks, Wm. B.

Frederickton, the Lord  
 Bishop of

Gilpin, Rev. Canon.  
 Gray, W. Myers.  
 Gossip, Dr.  
 Garvie, Hon. William.

Hartshorne, Hugh.  
 Halliburton, J. C.  
 Hill, P. C.  
 Hare, Wm.  
 Hodgson, Sir W., Chief  
 Justice P. E. I.  
 Hensley, Rev. Prof.  
 Hodgson, Rev. G. W.  
 How, Professor.  
 Haire, Rev. Robt.  
 Hind, Prof. H. Y.

King, Otis.  
 Kaulbach, Rev. Albert.  
 Keating, J. Lloyd.

Lawson, J., D. C. L.  
 Lawson, Dr. Archibald.

Maynard, Rev. Thos.  
 Moore, Joseph J.

Nova Scotia, the Lord  
 Bishop of  
 Nickerson, Rev. David.

Pryor, Henry.  
 Pryor, Rev. Ferdinand.  
 Peters, Hon. Judge.

Ritchie, T. A.  
 Ritchie, Mr. Justice.  
 Richey, Matthew H.  
 Richardson, Rev. J. B.  
 Rutherford, John.

Shannon, Hon. S. E.  
 Sutherland, Wm. D.  
 Stewart, Rev. W., Vicar  
 of Mundon, Malden, Es  
 Shaw, Jedediah.  
 Symonds, W. S.  
 Storrs, John.  
 Sumichrast, Prof. F. C.  
 Sz. R.

Sutherland, Wm., Q. C.  
 Sterns, Rev. Henry.  
 Symonds, Leonard.  
 Savary, Alfred W.  
 Smith, Hon. Henry W.

Tupper, Hon. Dr.

Wilkins, Mr. Justice.  
 Wiggins, G. C.  
 Weeks, Dr. H.  
 Weldon, Haliburton.  
 Wright, O. C.  
 Warburton, A. B.  
 Wilkins, Hon. M. I.



APPENDIX  
301

PROCEEDINGS OF THE BOARD OF NAVIGATION, WASHINGTON, 1871

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### STEVENSON SCHOLARSHIPS.

THE REV. J. STEVENSON, (sometime Professor of Mathematics in King's College) lately deceased, has left a sum of money for the purpose of founding THREE SCHOLARSHIPS, tenable for ten years, and open to Students in their second year.

Two of these will be open to competition at the end of October, viz: ONE in LANGUAGES, Ancient and Modern, and ONE in PURE SCIENCE, comprising Mathematics, Natural Philosophy, Chemical Physics, and Inorganic Chemistry.

Days of Examination : LANGUAGES, October 30.

PURE SCIENCE, October 31.

Further particulars may be obtained by application to the Vice-President.

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### WELSFORD COMMEMORATION.

Owing to the change in the Long Vacation, the Welsford Commemoration will take place on

MONDAY, OCTOBER 9th, 1871.

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### ADDITIONAL BENEFACTIONS TO THE LIBRARY.

SMITHSONIAN CONTRIBUTIONS TO KNOWLEDGE, Vol. XVII.

THE SMITHSONIAN SOCIETY.

TABLES OF PARTHENOPE, by E. Schubert.

BUREAU OF NAVIGATION, Washington

PROCEEDINGS OF THE ROYAL SOCIETY, Vol. XIX., No. 129.

THE SOCIETY

**CORRIGENDUM.**

Page 12, line 12—for Sz. R. SUMICHRAST, read F. C. Sz.  
R. SUMICHRAST.

**General Williams' Prizes.**

EXAMINATION PAPERS—JUNE 1871.

**MINERALOGY IN ITS APPLICATION TO MINING.**

Examiners { HENRY YOULE HIND, ESQ., M. A.  
JOHN RUTHERFORD, ESQ.  
R. S. FRECHEVILLE, ESQ.

**I.—CHEMISTRY AND PHYSICS.**

- 1.—How would you determine the specific gravity of a body?
- 2.—I take a glass tube, bent in the shape of a horse shoe, and nearly fill it with a saturated solution of Sulphate of Potassium, colored blue with tincture of violets, in one leg I place the positive and in the other the negative electrode of a voltaic battery. What happens and why?
- 3.—The handle of a metallic corkscrew is connected with the positive pole of a battery, and the point with the negative. A bar of soft iron inside the screw becomes magnetized. How are its poles situated? How can its polarity be reversed?
- 4.—The Atomic weight of Nickel is 58.8 and of Silver 108. Equal weights of each metal being taken, which will give out the most heat in cooling from 100° c. to 0° c.?
- 5.—How many kinds of chemical action are there?
- 6.—How would you prepare chlorine gas. Explain the reaction that takes place by an equation.
- 7.—What takes place when Sulphide and Oxide of Lead are heated together, and how many pounds of Sulphide of Lead will 100 lbs. of Oxide of Lead decompose? (the atomic weight of Lead being 207—Oxygen 16—Sulphur 32.)
- 8.—I pass Sulphuretted Hydrogen through an acid aqueous solution of the following compounds: Nitrate of Copper, Arsenious Acid, Nitrate of Mercury, and Sulphate of Tin. I then take the precipitate and boil it with yellow Sulphide of Ammonium. What takes place?

## II.—MINERALOGY APPLIED TO MINING.

9.—What is the difference between Crystallized, Crystalline, and Amorphous bodies? Give examples of these different modes of structure.

10.—What do you understand to be meant by the Physical properties of a mineral as opposed to the Chemical?

11.—How many systems of crystallization are there? Name them—In what systems do Galena and Calc Spar crystallize? Specify the most common form of Crystal for each mineral.

22.—What minerals are generally associated with Gold in the quartz leads of this country, and how would you distinguish between them?

13.—What is the difference chemically between Anthracite and Bituminous Coal, and on what does the evaporative power of coal mainly depend?

14.—What is Stellarite? Give its ultimate analysis, and state the effect of Oxygen on the value of a Coal into whose composition it enters.

15.—State the physical characters and composition of Magnetite, Specular iron ore, Pyrolusite and Galena?

16.—Give a brief outline of the process of amalgamation as conducted at the works of the Port Philip and Colonial Gold Mining Company in Australia.

17.—Describe the method commonly employed of measuring the current of air in a Mine.

18.—Explain the principles of the Safety Lamp. What proportion of air and fire damp forms an explosive mixture, and what are the products of the combustion?

19.—Name and explain the principal terms used in Mining.

20.—Explain the action of the furnace in ventilation, and state what other means are used for ventilating Mines.

21.—Sketch a method of working a Coal seam by slope from the crop, the seam having a considerable dip, and give the sizes and names of the different openings.

22.—Describe the usual methods of securing the sides of circular and rectangular shafts.

23.—If a fault is met with in working a seam of Coal, what guide have you as to the position of the Coal on the opposite side of the fault?

24.—Describe the characteristics of the classes of Coal most suitable for Gas, Steam and household purposes.

25.—In what rocks are the ores of Copper and Lead found?

26.—Describe the general position of the ores of Copper and Lead, and state what indications you would consider of a satisfactory character.

27.—Describe the treatment of the above named ores from their extraction in the mine to their marketable condition.

## EXAMINATION PAPERS—JUNE 1871.

### ENGINEERING.

Examiner—A. MACNAB, ESQ.

#### PAPER I.

1.—The circumference of the earth being 25,000 miles, what is its diameter assuming it a perfect sphere?

2.—Describe the way in which a survey is plotted by rectangular co-ordinates, giving in detail the calculations to be performed.

3.—The hypotenuse of a right angled triangle is 272 and the base 232, ascertain the length of the perpendicular by logarithmic computation.

4.—Describe the temporary and permanent adjustments of the Gravatt level.

5.—In running a line of levels state what errors are produced, and the method by which they can be neutralized when using the theodolite.

6.—Describe the various methods of finding a true meridian, and state which is the most accurate.

7.—What will be the distance from the apex to the commencement of a  $3^\circ$  curve, assuming the angle of intersection of two tangents to be  $35^\circ 45'$ ?

8.—State the capacity, in gallons, of a tank  $10\frac{1}{4}$  feet diameter and  $8\frac{1}{2}$  feet deep.

9.—Describe a circle in a scalene triangle, and write down the solution.

10.—State the number of points into which the compass is divided in ordinary land surveying, and also in connection with nautical purposes.



WINDSOR, June 29th, 1871

Venerable and Dear Sir,—

With reference to your letter addressed to Professor Hind regarding proposed division of the "Williams Prize," we regret to state that in event of this step being required by the Board of Governors, "we should consider ourselves justified in recommending any prize to be given, the petitioners having attained but little over *one fifth* of the number of complete answers to the questions would have secured."

We have the honour to be,  
Your obedient servants,

HENRY Y. HIND,  
R. S. FRECHEVILLE

The Venerable Archdeacon McCawley,  
President of King's College.

HALIFAX, 26th June, 1871

The Venerable the President of King's College, Windsor.

SIR,—I beg to report herewith the result of the examination held this for the General Williams Prize in Engineering, for which there were competitors.

The aggregate number of marks attainable was 1000, equally divided between two papers, of which Mr. Dodwell secured 425 for his first and 80 the second; for Mr. Hind's first paper 200 marks were obtained, and for second no competition was made owing to indisposition.

Basing my decision upon the merits of the replies to the questions contained in the first paper—the only one for which both parties competed—the award is made in favour of Mr. Dodwell, for the general style and scope of whose answers credit is due, while Mr. Hind is also deserving of praise for the satisfactory manner in which he dealt with several questions, he having, as I informed commenced the study of Engineering quite recently.

Yours faithfully,

ALEX. McNAB

INDEX.

	PAGE
Alumni, Society of Incorporated.....	77
Appendix.....	103
Benefactions to the Library, 1870-71.....	54
"    "    Museum, 1870-71.....	64
Benefactors to the Library.....	56
"    "    Museum.....	65
Board of Discipline.....	12
"    Governors.....	11
Calendar, University.....	3
Discipline.....	46
Examinations, Regulations for.....	41
Examination Papers, 1870-71.....	107
Examiners.....	45
Examiners' Reports, 1870-71.....	111
Exhibition, Dr. Binney's.....	30
Faculty of the College.....	12
Graduates, List of.....	9, 72
Holy Orders, Members of University in..	9
Hours, College.....	48
Introduction, Historical.....	7
Lectures, attendance at.....	28
"    Detailed Scheme of Divinity.....	16
"    "    Arts.....	18
"    "    Science.....	24
"    "    Civil Engineering.....	28
Library, Notices of.....	48
"    Books wanted in.....	50
"    Regulations for.....	53
"    Admission of public to.....	54

Library, Benefactions to, 1870-71 .....	9, 10
" Benefactors of .....	9, 10
Matriculation .....	
" Subjects for 1871-72 .....	
" " 1872-73 .....	
Members of the University—Matriculated .....	9, 10
" " " Graduated .....	9, 10
" " " in Holy Orders .....	
Museum, Notice of .....	
" General Collection .....	
" Benefactions to, 1870-71 .....	
" Benefactors of .....	
Nominations .....	
Prizes .....	
Residence .....	
Scholarships .....	29, 107
Students .....	18, 15, 46
" Special .....	46
" before the Charter .....	68
Study, Course of. Arts .....	18
" " Science .....	16
" " Civil Engineering .....	16
" " Divinity .....	16
Terms .....	46

**GENERAL WILLIAMS' PRIZE**  
IN  
**MINERALOGY APPLIED TO MINING.**

The following alterations in the Conditions for this Prize have been approved by the Board of Governors and now come into force.

Instead of "*a course of Geology*," there is now required "*a brief sketch of Geology*." Instead of attendance at "*lectures on practical Mining*" there is now required "*a knowledge of the general principles of Mining*." A knowledge of "*Metallurgy*" is no longer required.

The subjects for examination are henceforth to be :—

Chemical Physics, Inorganic Chemistry, General Properties of Minerals, and Descriptive Mineralogy of Useful Minerals; Short Sketch of Geology, General Principles of Mining, and Mineralogy of Nova Scotia.

## Practical Chemistry and Chemical Analysis.

### KING'S COLLEGE, WINDSOR.

THE Governors of King's College have to announce that they have imported a collection of apparatus and chemicals, and fitted up a Laboratory, suitable to the prosecution of chemical researches, under the superintendence of the Professor of Chemistry in the University.

Professor How, who has acquired his experience in the first laboratories of England and Scotland, is now prepared to direct the studies of those who may wish to become acquainted with the practical details of a science, the knowledge of which is valuable to all, and necessary to those who follow certain avocations. Students may pursue, independently of others, and at hours convenient to them a general course of experimental chemistry, and after acquiring a sufficient acquaintance with the modern modes of analysis, direct their attention to any particular branch of study, (as for example, agricultural, metallurgic, mineral or medical chemistry,) in which they may wish to pursue original investigations.

A scale of fees is made out, payable by all who engage in these practical studies, to indemnify the Governors for necessary loss of material involved; the fees are regulated according to the number of hours and days devoted to the subject; apparatus is supplied for students' use, and all breakages to be made good by them at cost price. The Professor is also ready to take all kinds of Analysis, as of Coal, Metallic Minerals, Agricultural Produce, Soils, Manures, Waters, etc. that may be submitted to him, and for professional consultation, verbally or by letter, at the College, on matters of Chemistry.

A scale of fees has been arranged, modelled on those usual in Great Britain and the United States, and, while moderate, adapted, as well as can be foreseen, to the particular cases likely to arise.

For scale of fees and hours, reference to be made to the Rev. J. C. COCHRAN, Secretary to the Governors at Halifax; or to the Professor, at King's College.