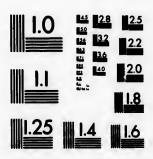


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ASSOCIATION

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Per angusta ad augusta.

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TORONTO:

PRINTED BY R. G. McLEAN, 17 ADELAIDE ST. EAST. 1880.

X.



REGULATIONS

AND

RULES OF ORDER

OF THE

Matural Science Association

OF

UNIVERSITY COLLEGE.

Per angusta ad augusta.

TGRONTO:
PRINTED BY R. G. McLEAN, 17 ADELAIDE ST. EAST, 1880.

Patrons:

Rev. J. McCAUL, LL.D., M.R.I.A., President of University College.

H. H. CROFT, Esq., D.C.L., F.C.S.

DANIEL WILSON, Esq., LL.D., F.S.A.

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President:

W. H. ELLIS, M.A. M.B.

Vice-President:

GEO. ACHESON.

Secretary :

A. McGILL.

Treasurer:

Curator:

R. F. RUTTAN.

Fourth Year Representative:

A. B. DAVIDSON.

Third Year Representative:

T. McKENZIE.

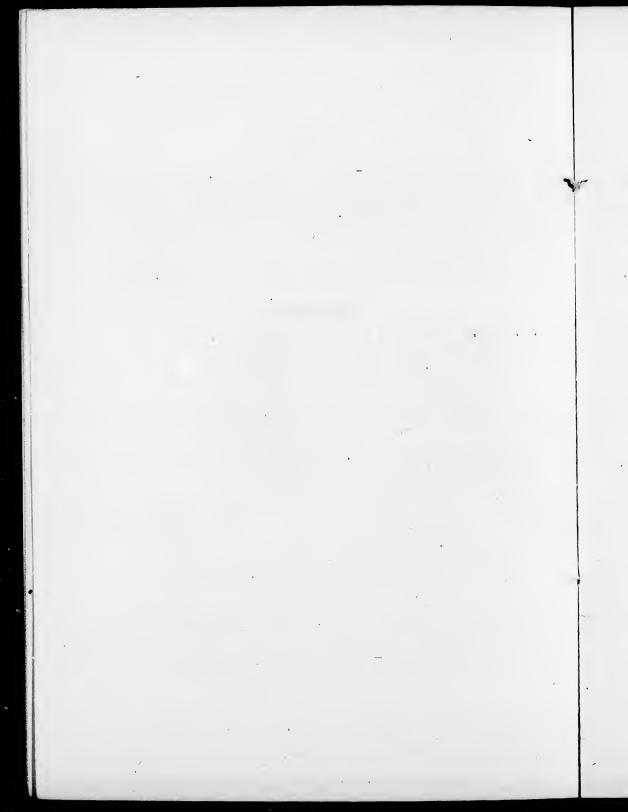
Second Pear Representatibe:

E. F. LANGSTAFF.

Members:

Acheson, Geo.
Bain, W. L.
Carveth, G. H.
Cruickshank, .G R.
Dolsen, F. J.
Davidson, A. B.
Hall, T. P.
Lindsey, G. G. S.
Langstaff, E. F.
Mustard, J. W.
McCallum, A. B.

McGill, A.
McKenzie, T.
McBride, J.
Nason, J.
Phelps, S.
Rowand, W. L.
Ruttan, R. F.
Stewart, S.
Smith, G.
Scott, A. Y.
Wood, H. R.



REGULATIONS.

SECTION I.

THE ASSOCIATION.

- 1. The Association shall consist of Graduates and Undergraduates, in the Honor Course in Natural Science.
- 2. It shall be called THE UNIVERSITY COLLEGE NATURAL SCIENCE ASSOCIATION.
- 3. The object of this Association shall be the encouragement of original scientific investigation, and mutual assistance in the study of the Natural Sciences by discussions, lectures, papers, and critical readings from scientific authors and by the supply of such periodicals, magazines, &c., as shall be deemed advisable.
- 4. The President and Professors of University College and the Faculty of the School of Practical Science, shall be the Patrons of the Association, and shall have the right of attendance at all its meetings.

SECTION II.

MEMBERS.

1. The Association shall consist of four classes of members, viz., Ordinary, Life, Corresponding and Honorary Members.

- 2. Ordinary Members shall consist of Graduates and Undergraduates in the Honor Course in Natural Sciences.
- 3. Life Members shall consist of such Ordinary Members as shall have paid four years' membership fees to the funds of the Association.
- 4. Corresponding Members shall consist of such Graduates in Natural Science, not resident in Toronto, as may be desirous of contributing to the objects of the Association.
- 5. Honorary Members shall consist of (1) all Ex-Presidents of the Association; (2) such gentlemen as shall be elected by a vote of five-sixths of the members present at any regular meeting of the Association.
- 6. Candidates for membership shall be nominated at a regular meeting preceeding their election.
- 7. Names of all Candidates for Membership shall be posted up in the Entrance Hall at least one week before their election, and any member may, by private notification to the President, require that a ballot be taken for the election of such candidates.
- 8. In case no ballot be demanded before the next regular meeting of the Association, the President shall announce at such meeting the names of the candidates proposed, and declare them duly elected. In case a ballot is demanded, the President shall announce the same without disclosing the name of the member who requested it; the ballot shall be taken in the usual manner, and the votes of five-sixths of the members present shall be necessary for the election of such candidate.

9. No Ordinary Member shall be entitled to any of the privileges of the Association, after the second regular meeting, until he has paid his fees for the year.

SECTION III.

OFFICERS.

- 1. The officers shall constitute the general committee of the Association, and shall consist of a President, Vice-President, Secretary, Treasurer, Curator, and a representative from each year.
- 2. The Election of Officers shall take place yearly, by ballot, at the Annual Meeting, except the representative of the second year, who shall be elected at the third regular meeting of the following session.
- 3. Candidates for office shall be nominated at the regular meeting preceeding the election.
- 4. Only Graduates with Honors in Natural Sciences shall be eligible for the office of President; the Vice-President and Secretary shall be chosen from those entering their fourth year; the Treasurer and Curator from those entering their third year; and the other members of the committee, one from each year.
- 5. The President, or in his absence, the Vice-President, or an Ex-President, or Graduate Member, at the request of the President, shall preside over all meetings of the Association, enforce the due observance of the Constitution, decide all questions of order, announce the result of all voting, and give the casting vote in case of a tie.

- 6. In the absence of both the President and Vice-President, the members present may choose one of their number to act as Chairman, and perform the duties of the President.
- 7. The Secretary shall keep full and correct minutes of the proceedings of all meetings of the Association, conduct all correspondence under the direction of the President, keep the roll, and prepare and sign the notices of all meetings of the Association.
- 8. The Treasurer shall receive and account for all moneys belonging to the Association, shall, under the direction of the General Committee, pay all expenses incurred by the Association, and before the Annual Meeting shall submit his report to two auditors appointed at a previous meeting. He shall also keep a roll book, in which shall be entered the name of every member of the Association, with the date of his admission, and of each payment of fees made by him.
- 9. The Curator shall have charge of all property of the Association, except that in the hands of other officers, and shall enforce the rules relating thereto, subject to an appeal to the General Committee, to whom he shall report at least every two months.
- 10. Every officer of the Association shall at the conclusion of his term of office deliver to his successor all property of the Association in his possession, and such successor shall thenceforth be responsible for the safe keeping of the same.

SECTION IV.

COMMITTEES.

- 1. The General Committee shall have power to make By-laws for conducting the business of meetings of the Association; shall select subjects, and make appointments for all regular meetings, and shall be responsible for the due and regular supply of the periodicals, &c.
- 2. Their meetings shall be held at least once a month, five members forming a quorum, and they may appoint one of their number as permanent Secretary of Committee.
- 3. They shall submit to the Association at the annual meeting, a list of periodicals, &c., recommended to be supplied for the succeeding year, and shall at that meeting present a report upon the business of the year.
- 4. Special Committees of not less than three members may be appointed for any purpose, and such committees shall continue in office until discharged by vote of the Association.
- 5. The member first named on such committee shall be the Convenor thereof, but the committee may, at its first meeting, appoint a Chairman and Secretary; a majority of the Committee shall constitute a quorum.
- 6. The Minutes of every such Committee shall be kept in the Special Committee Minute Book, which shall be deposited with the Secretary of the Association, as soon as the Committee has reported.

SECTION V.

VACANCIES.

- I. In case any officer of the Association is absent from three consecutive meetings of the General Committee, it shall be the duty of the Committee to report the same forthwith to the Association, who may at their discretion, declare such office vacant.
- 2. Vacancies occurring under the foregoing article, or from any other cause, shall be filled in the same manner as at the annual election.

SECTION VI.

MEETINGS.

- 1. The Regular Meetings of the Association shall be held every alternate Wednesday evening during the Session, at half-past seven o'clock, and six members shall form a quorum.
- 2. The Annual Meeting shall be the last regular meeting of the year.
- 3. Appointments for Regular Meetings shall be posted in the Entrance Hall, and announced from the chair at least two weeks previous to such meetings.
- 4. The General Committee shall have power to call a special meeting of the Association at any time, by giving at least 24 hours' notice.

SECTION VII.

THE PROPERTY OF THE ASSOCIATION.

- 1.—The whole of the property and effects of the Association of what kind so-ever, shall be vested in the General Committee of the Association, and subject to its control.
- 2.—All papers and contributions of any kind, which may be read or presented to the Association, shall be considered the property thereof, unless there shall have been some previous arrangement to the contrary.
- 3.—Papers read before the Association may be published by the General Committee with the consent of the author, and no communication made to the Association shall be published by any other person but the author, without the previous consent of the General Committee.
- 4.—The above mentioned property together with all periodicals, books, apparatus, &c., purchased by the Association, shall be in charge of the Curator.

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- 5.—Members of the Association may obtain from the Curator any of the above mentioned property, subject to the regulations of the General Committee.
- 6.—Any member obtaining any property of the Association, shall be responsible for the safe-keeping thereof, and shall make good any loss sustained while in his possession.
- 7.—The Curator shall keep a book in which he shall enter the name of everyone who obtains any of the property of the Association, the name of the article, and the date of its removal and return.

SECTION VIII.

FINANCE.

The Annual Fee for Ordinary Members shall be Two Dollars.

SECTION IX.

ALTERING THE REGULATIONS.

- 1. Alterations in the Regulations shall be discussed only at the Annual Meeting, or at such other meeting as the General Committee may appoint.
- 2. No such alteration shall take place without receiving the votes of two-thirds of the members present.

RULES OF ORDER.

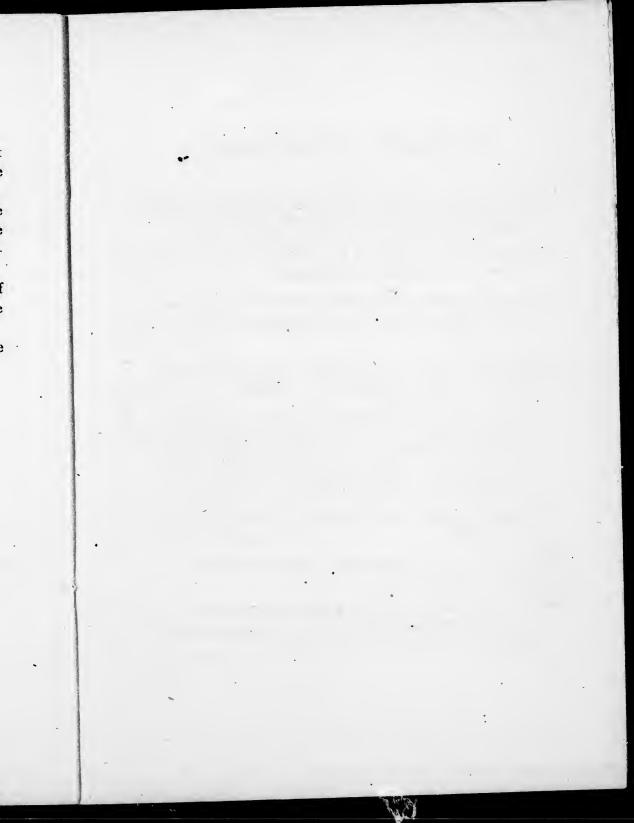
- 1. The order of business at the regular meetings of the Association shall be as follows:—
 - (a) Minutes read, approved, and signed by the Chairman.
 - (b) Election of Members.
 - (c) Introduction of New Members.
 - (d) Nomination of Candidates for Membership.
 - (e) Business arising out of the Minutes.
 - (f) Communications received.
 - (g) Business from the General Committee.
 - (h) New Business.
 - (i) Nominations for Office, and for Commi tees.
 - (k) Reading of Papers, etc., as announced by the Programme.
 - (l) Roll Call.
 - (m) Elections and Appointments for Office and Committees.
 - (n) Announcements for the next Regular Meeting.
- · 2. The order of business at the Annual Meeting shall be as follows:—
 - (a) Minutes read, approved, and signed.
 - (b) Reports of General Committee and Treasurer.
 - (c) Reports of Special Committees.
 - (d) Business arising out of the Minutes.
 - (e) Discussion of the Constitution.
 - (f) Roll Call.
 - (g) Election of Officers for the ensuing year.

- The ordinary rules of debate shall govern the proceedings of the Association, and any Member not acting with decorum shall be subject to the censure of the Chair.
- 4. A vote of two-thirds of the Members present shall be required to alter, add, strike out, or suspend a rule of order, to change the order of business, or to suspend, or expel a Member.

5. Twenty-four hours' notice in writing of the meeting of every Committee, shall be posted up in the Entrance

Hall.

6. Any Member may admit a visitor to a Meeting of the Association.



AMENDMENTS TO CONSTITUTION. ..

SECTION II., ART. 2.—An addition of the words "and all Regular Students of the School of Practical Science."

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- SECTION II., ART. 4.—The words "or Undergraduates" be inserted after the word "Graduates."
- SECTION III., ART. I—Instead of the word "Vice-President," the words "First and Second Vice-Presidents". be inserted.
- SECTION III., ART. 4.—The words "or Honorary Members" be inserted after the word "Sciences."

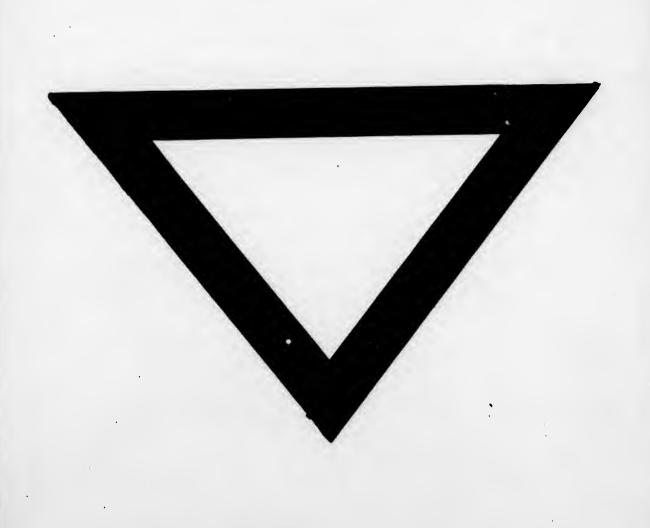
After the word President the words "the First Vice-President shall be chosen from Graduates with Honors in Natural Sciences, or from Honor Students of the Fourth year," and that the word "Second" be inserted before the word "Vice-President."

- SECTION VI., ART. I.—"Tuesday" be substituted for "Wednesday."
- SECTION VIII., ART. 1, to read, "The Annual Fee for all Ordinary Members shall be One Dollar."
- SECTION IX., ART. I.—The addition of the words "and two weeks' Notice of Motion of such change shall be given."

"THE MCMURRICH MEDAL."

Through the generosity of W. B. McMurrich, Esq., M.A., "The University College Natural Science Association" has it in its power to award a medal, known as "The McMurrich Medal," which is open for competition to the members of the above Association, subject to the following provisions:

- 1. The competition for the said Medal shall be open to Undergraduates of Toronto University who are members of the Natural Science Association.
- 2. The said Medal shall be given for the best Essay on some scientific subject, preference being given to those indicating original research.
- 3. The essays for competition shall be sent in, on or before the first day of March in each year, to a Committee of the University College Natural Science Association, previously nominated and appointed by the members of this Association; and the said Committee, so appointed, shall award the Medal, and bring in their Report in regard to the same at the Annual Meeting of the said Association.
- 4. The donor shall be an ex-officio member of the said Committee.
- 5. No Medal shall be awarded unless the Committee deem the essay worthy of such an acknowledgment.
- 6. The winner of the Medal will not be allowed to compete a second time.



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