

After the secretary had read the minutes of the last annual meeting, the president nominated the following as scrutineers of the various ballots:

For election of officers and members of council: J. Ewing, W. J. Camp, C. S. Leech, N. H. Greene and W. D. Baillairge:

For Nominating Committee: J. M. Nelson, G. H. Dawson, and C. H. Ellacott.

For amendment to by-laws: L. G. Papineau, H. R. Lordly and Arthur Vincent.

REPORT OF COUNCIL.

The Council's report for 1904 showed that during the year 141 members of all classes were elected. There were eleven deaths during the year: P. J. Lees Boland, J. R. Perry and G. A. Simpson, members; J. A. Duff, J. W. Fraser, J. D. A. Fitzpatrick, J. A. Marion, J. Spenard, associate members; C. F. Eicks, associate, and B. O. Bay and S. H. Fillmore, students. At present the membership stands as follows:

	Res.	Non-Res.	Total.
Honorary members	1	9	10
Members	63	323	386
Associate members	94	288	382
Associates	19	19	38
Students	150	287	437
Total			1,253

There was an increase in each class (excluding honorary members) during the year, the most marked growth being in the class of student members, which was 77 over 1903.

There were seventeen meetings of the Society held during the year; five business meetings and twelve sectional meetings.

The report, after enumerating the papers read during the year, gave an account of the reception and entertainment given to members of the Institution of Civil Engineers of Great Britain, who visited Canada last September.

The Gzowski medal for the year 1903-04 was awarded to J. A. Jamieson for his paper upon "The Pressure of Grain in Deep Bins, and the Problem of Grain Bin Design."

The examiners appointed for the reading of students' papers have reported recommending the following as the best papers in the several sections:

Electrical.—"An Investigation of a 16-K.W. Constant Current Transformer," by C. H. Wright.

Mining.—"The Centre Star Mine, Rossland, B.C.," by L. Heber Cole.

General.—"Port Colborne Harbor Works," by J. M. Hogan. The awards have been made.

The examiner for the Mechanical Section has reported that none of the papers submitted merited a prize.

Acting on the resolution of the last annual meeting, viz.: "That the Council be instructed to consider with as little delay as possible the establishment of branches of this society in the larger centres of Canada, and be authorized to provide the financial aid necessary to establish and maintain such branches," a committee of the Society has been engaged for the past few months in forming a branch in Toronto. The Council has under consideration a scheme for rendering the Society's library available to non-resident members. It especially commends assistance in the establishment of the nuclei of libraries in connection with branches.

In view of the report of the secretary that owing to the very great increase in the clerical work of the office, arising from the growth of the Society, and its importance as a national institution, additional provision should be made for the carrying out of the secretarial duties, the Council has submitted a ballot embodying its views on the question.

Owing to the necessity of having a representative of mining engineering amongst the resident members of Council, Cecil B. Smith resigned his position as councillor, and Dr. J. B. Porter was appointed to fill the vacancy thus created.

In accordance with By-law 28a, the following were appointed officers of the sections to hold office from 1st June, 1904, to 1st June, 1905:

General.—D. Macpherson, president; C. H. Keefer, vice-president.

Electrical.—R. B. Owens, president; W. McLea Walbank, vice-president.

Mechanical.—Phelps Johnson, president; M. J. Butler, vice-president.

Mining.—J. B. Porter, president; K. W. Blackwell, vice-president.

The attention of Council has been called to the importance of enquiry into a general system of engineering standards for Canada, and the appointment of a Standards Committee is recommended to report in conjunction with similar committees of other national societies.

Treasurer's Report.

The treasurer's report showed that the finances of the society still continue to be in a satisfactory condition. The receipts were \$1,126 less than those of 1903. The arrears of fees received during 1904 were \$728 less than the arrears received during the previous year, and the remainder of the deficiency, amounting to about \$400, is distributed over the other items. The treasurer observed in his report: "If we increase our ordinary expenditure on account of the secretary's office by the amount of say \$1,000 per annum, it will be necessary for all members to pay their fees promptly."

The financial statement showed that receipts from arrear subscriptions were \$1,131, from current subscriptions \$4,311, from subscriptions in advance \$237, and from entrance fees \$840. The total from all sources was \$6,769. The following are some items of expenditure: Transactions and advance proofs, \$1,470; printing, stationery, binding and diplomas, \$593; books, magazines and library expenses, \$56; postage, post cards, and telegrams, \$371; secretary's salary, \$300; assistant secretary's salary, \$600; caretaker's wages, \$420; expenses at ordinary meetings, \$119; expenses during annual meeting, \$244; legislation expenses: Dominion, \$62; Quebec, \$40; Manitoba, \$5; total, \$107. The total expenditure was \$5,736. There was a cash balance in the bank of \$3,238.

The Library Committee reported that committees of the several sections aided in preparing a list of additional books needed to give the Society a good working library. This list has been prepared and revised, and at the Council meeting held on 10th inst., \$600 was appropriated for the purchase and cataloguing of the most desirable of the books recommended. As soon as the books are received, a catalogue of them, and of all other modern books in the library, will be prepared and sent out to members. The collection of trade catalogues suggested at the last annual meeting is nearly completed. The publications of over 400 engineering firms, amounting to a total of about 1,800 books and pamphlets, have been secured and placed in cases in a special room in the basement. A card index of these catalogues, arranged by subjects and firms, is in preparation, and the room will soon be thrown open to members. The system of filing and indexing these catalogues is such that additions and renewals can be easily and quickly entered and rendered available. A small collection of library catalogues and bibliographies, and the engineering index to current periodicals, are being placed where they can be consulted. Several plans have been considered for rendering the library of greater use to non-resident members, and it is hoped that a satisfactory scheme may soon be formulated. In the meanwhile arrangements have been made whereby members can have references looked up and articles copied or abstracted by competent persons at a cost not to exceed 60 cents per hour.

Some discussion took place in regard to additions to be made to the library, and Mr. Lordly called attention to the agreement under form "D," wherein members engage to present to the society an original communication or some scientific work for the library within one year after election. Upon motion by R. B. Rogers, seconded by H. Irwin, it was resolved to recommend to Council that a list of books urgently required be sent to members.

Mr. Irwin called attention to the desirability of forming libraries for the benefit of non-resident members in places where branches should be established.

At 1 p.m. a luncheon was held in the up-stairs reading-room for the benefit of outside members.