

The closing session in the evening was, by the kind invitation of Dr. King, held at the Royal Astronomical Observatory, when Mr. N. J. Ogilvie, D.L.S., delivered an address on "South Eastern Alaska Boundary." The surveyors had the privilege of bringing their lady friends to this meeting which they gladly accepted. All were cordially invited to inspect the instruments in use at the observatory. This was the most pleasant session of the series. The election of officers resulted as follows:—Honorary president, Dr. King; president, Mr. C. F. Aylesworth; vice-president, A. H. Hawkins, secretary-treasurer, E. W. Hubbell, Chief Inspector of Surveys, Ottawa. Executive committee: Messrs. D. H. Robertson, E. M. Dennis, A. H. Nelles, J. H. Wallace, and D. H. Dennis.

### TORONTO BRANCH, CANADIAN SOCIETY OF CIVIL ENGINEERS.

The luncheon which the Toronto Branch of the Canadian Society held on Thursday, March 12th, was attended by over 100 members and friends. The chief speaker was Mr. Geo. G. Powell, Deputy City Engineer of Toronto, who gave a short address on "The Municipal Engineer," outlining the responsibilities associated with that official's work, his relation to the municipality as compared with the relation of the consulting engineer to his client, the difficulties to be surmounted in municipal service, etc. His address concluded with an optimistic plea to the young engineer, to investigate the possibilities that lie before him in the field of municipal engineering, claiming that it gives greater opportunity owing to the diversity of work within its scope, than does any other engineering field. The growing immensity of problems connected with water supply, pavements, railways and sewerage work and sewerage disposal, etc., were of such a nature as to demand a diligent search by municipal corporations for men with an up-to-date technical knowledge and experience that would qualify him as an expert in such work.

After the address had been tendered a hearty vote of thanks, the ensuing discussion involved the status of the student member among professional men in the Society, and it was generally felt that more recognition and greater opportunity for meeting those on a higher professional plane than he should be tendered him.

Mr. Hugh Lumsden, of the Transcontinental Railway, and Mr. A. L. Hertzberg, Division Engineer of the Canadian Pacific Railway, were the guests of the Branch. Prof. P. Gillespie occupied the chair in the absence of Mr. A. F. Stewart.

### UNIVERSITY OF TORONTO ENGINEERING SOCIETY.

The University of Toronto Engineering Society held its annual elections on March 13th. The officers for the ensuing year are as follows:—President, E. D. Gray; Vice-President, F. T. MacPherson; Chairman of Civil Club, C. R. McCort; Chairman of Mining Club, J. M. Muir; Chairman of Mechanical and Electrical Club, K. O. Jefferson; Chairman of Architectural Club, T. Stewart Graham; Chairman of Chemical Club, J. E. Breithaupt; Fourth Year Representative, W. R. McCaffrey; Third Year Representative, J. H. Eastwood; Second Year Representative, Mr. Honeywell; Treasurer, H. A. Babcock; Corresponding Secretary, R. W. Downie; Recording Secretary, T. W. McLelland; Curator, R. S. Bothwell.

The annual event had associated with it a change in the constitution of the Society whereby, for the better representa-

tion of the various branches of engineering followed at the university, the three sections; viz., electrical and mechanical, civil and architectural; chemical and mining are superseded by five clubs. This will facilitate the problem of a more suitable classification of the student membership of the Society in the presentation of technical papers.

### MINING SECTION, CANADIAN SOCIETY OF CIVIL ENGINEERING.

The mining section of the Canadian Society of Civil Engineers met in Montreal on Thursday, March 12th. A paper of unusual interest entitled, "The Electrical Driving of Winding Engines and Rolling Mills," prepared by Mr. C. A. Ablett, A.M.I.C.E., and H. M. Lyons, A.M.I.E.E., was read by Mr. Ablett. The paper was an interesting description of numerous electrical installations at various mining and milling centres in different countries. It was illustrated by numerous lantern views showing Canadian, English and South African installations.

Mr. R. A. Ross, Vice-President of the Society, presided at the meeting.

### THE AMERICAN PEAT SOCIETY.

It is announced that the American Peat Society will hold its 8th annual meeting at Duluth, Minn., on August 20th, 21st and 22nd, 1914. The address of the Secretary is 17 Battery Place, New York.

### COMING MEETINGS.

AMERICAN WATERWORKS ASSOCIATION.—Thirty-fourth Annual Meeting to be held in Philadelphia, Pa., May 11-15, 1914. Secretary, J. M. Deven, 47 Slate Street, Troy, N.Y.

CANADIAN AND INTERNATIONAL GOOD ROADS CONGRESS.—To be held in Montreal, May 18th to 23rd, 1914. Mr. G. A. McNamee, 909 New Birks Building, Montreal, General Secretary.

AMERICAN SOCIETY FOR TESTING MATERIALS.—Seventeenth Annual Meeting to be held in Atlantic City, N.J., June 30 to July 4, 1914. Edgar Marburg, Secretary-Treasurer, University of Pennsylvania, Philadelphia, P.A.

AMERICAN PEAT SOCIETY.—Eights Annual Meeting will be held in Duluth, Minn., on August 20, 21 and 22, 1914. Secretary-Treasurer, Julius Bordollo, 17 Battery Place, New York, N.Y.

AMERICAN HIGHWAYS ASSOCIATION.—Fourth American Road Congress to be held in Atlanta, Ga., November 9-13, 1914. J. E. Pennybacker, Secretary, Colorado Building, Washington, D.C.

### PERSONALS.

JAMES SHEPPARD, of Queenston, was recently appointed good roads superintendent of Welland County.

WARD CURLEE has been appointed City Engineer of Swift Current, Sask., to succeed Geo. D. Mackie, now of Moose Jaw. Mr. Curlee was previously assistant engineer to Mr. Mackie.

J. L. G. STUART, B.A.Sc., of the City of Toronto Roadways Department, is contemplating an extended trip through Europe for the purpose of studying transportation facilities of