

of 19 among the juniors. The falling off in student membership—88—more than offset the other increases, however. This falling off was due considerably to transfers to higher grades of membership.

Meetings.—The council held twenty-nine meetings during the year. There were nine sectional meetings, six

"The Law and the Engineer," by Geo. H. Montgomery, K.C.

Description of a series of photographs from the western battle front, by Paul A. N. Seurot.

"The Aqueduct for the Greater Winnipeg Water District," by W. G. Chace, M. V. Sauer and D. L. McLean.

Over Twenty-Two Percent. of the Total Membership of the Canadian Society of Civil Engineers Has Enlisted

monthly meetings, and one special meeting of the society. The following papers and addresses were presented at these meetings:—

"Construction of the Rogers Pass Tunnel," by J. G. Sullivan.

"The Method Employed in Designing the Foundation of the Federal Palace, Mexico," by S. J. Fortin.

"Interesting Features of Reinforced Concrete Buildings in and around Montreal," by C. M. Morsen.

"Manufacture of Brass Cartridge Cases in Canada," by H. H. Vaughan.

"Economic and Strategic Aspects of Enlargement of Welland Canal and of Construction of Georgian Bay Ship Canal," by Col. R. W. Leonard.

"The Rules and Regulations of the Province of British Columbia relating to Annual Rental Fees of Water Powers," by E. Davis.

"The Latest Advances in Bayonet Fighting," by Capt. P. E. Nobbs.

"The Design of Passenger Terminals," by J. L. Busfield.

"Electrical Precipitation of Solids from Gases," by Linn Bradley.

"Some Phases of Railway Work at the Front," by Lieut. Paul Ogilvy.

"Experiences as a Machine Gun Officer at the Front," by Capt. Jas. G. Ross.

"Bombing in the Front Line Trenches," by Capt. G. L. Dobbin.

"The Water Supply of the City of Port Arthur," by L. M. Jones.

"The High Tension Transmission Line Towers," by L. R. Thomson.

"Aviation Work at the Front," by Lieut. E. Laurie.

"Filtration Experience," by H. G. Hunter.

Discussion on the Proposed Specifications for Highway Bridges.

Committees.—Following have been the committees of council during the year:—

Library and House (S. P. Brown, chairman), Finance (R. A. Ross, chairman), Meetings (W. J. Francis, chairman), Board of Examiners (H. M. MacKay, chairman), Gzowski

Medal and Students' Prizes (Phelps Johnson, chairman).

The Nominating Committee for officers for the year 1917 were Ernest Brown (chairman); Phelps Johnson,

Canada's Civil Engineers Rally to the Flag

SOCIETY MEMBERS ENLISTED, C.E.F.

Hon. Members	1
Members	67
Associate Members ..	290
Associates	3
Juniors	135
Students	182
Total	678

SOCIETY MEMBERS KILLED IN ACTION OR DIED OF WOUNDS.

Members	4
Associate Members ..	14
Juniors	9
Students	6
Total	33

Eighteen Corporate Members and Fifteen Juniors and Students Have Made The Supreme Sacrifice

"The Rolling and Floating Steel Caissons of the Levis Dry Dock," by L. R. Thomson.

"The Difficulties of Earth Slides in the Culebra Cut, Panama Canal," by John Murphy.

"Description of Original Diagrams for Making Military Scales," for interpolation of contours and reduction and enlargement of maps, by Lieut.-Col. F. A. Snyder.

M. J. Butler, C.M.G., and F. C. Gamble (past presidents); G. G. Murdoch, A. Tremblay, G. A. Mountain, A. F. Macallum, J. Chalmers and E. A. Cleveland.

The other committees at work during the year were as follows:—

Educational Requirements (E. Marceau, chairman).

(Continued on page 58.)