

GENERAL MITCHELL AT ELECTRIC CLUB

Great Canadian Intelligence
Officer Relates Some of
His Experiences.

General Mitchell was introduced by W. A. Carr at the Electric Club yesterday at luncheon as one known throughout the empire, and in France and Italy, and not only there, but in Germany, where he was feared and hated as much as he was respected and admired among the allies.

General Mitchell expressed his gratification in being back in Canada and in Toronto. Of the electrical work in the war as it came into his own intelligence department, he desired to say something. As Mr. Lloyd George had said, it had been an engineer's war. The man who had engineering, mechanical or electrical experience was the man who had the pull over all others. It was not merely the special knowledge, but the habit of mind that was accustomed to putting two and two together. This was the sort of mind that almost without exception went to the top. He felt sorry for the lawyer chap, for he had nothing in his daily work like what he had been accustomed to. The engineer had an experience which prepared him for all the hard work, long hours, intense application, particularly on staff work, which made him valuable.

After the battle of the Somme when he had been taken away to the second army under Plummer he always tried to get an engineer or one with such experience. He mentioned one man, not particularly brilliant, but with the faculty of doing things. He could be put in a room with a lot of data and asked to get certain results by five o'clock and he would have it. In the Passchendaele actions, of which there were five, it was the greatest pleasure to see him analyze the different situations and show what the enemy was likely to do. This was an example of what he meant by the adaptability of the engineering mind.

Magnificent Success.
The telephone service, in the war, was a magnificent success from start to finish. It was one of the show places at headquarters where he used to take visitors to see the signal service. Being the nerve centre of the army it had a tremendous constituency. There were seven army corps, with four divisions each, altogether 750,000 men. All these people had to be served by phone and telegraph. The normal business of the telegraph service was 2,000 messages a day. On the telephone service there was no count, but there had to be priority calls, and eventually, grades of priority calls.

What kept one interested above everything else was the tremendous competition in the game of getting information about the other side and preventing him getting information about us. The psychology of the German was the most interesting thing of the whole war. General Mitchell described some of the devices resorted to for gaining information, which he asked the press to omit.

Locating Hostile Guns.
The enemy artillery before the war had been located by observers, but this was soon got away from when the great war settled down to trench warfare. It became a steady everyday business. Even if a gun was down below a hill the rays of the flash could be seen rising above the hill. The synchronization of these flashes by several observers was useful under certain weather conditions, but the French evolved a method whereby with microphones, equidistant on a long arc, acting like telephone receivers, when a gun started to fire, the first microphone picked it up, registered it on a film, and so on thru the series, so that the length of time elapsing gives him the several triangular bases. The method worked better in a fog, but not in adverse winds, and would locate a gun within 25 yards at a distance of 6,000 yards.

Further experiments in these methods will be carried on at the University of Toronto by two officers who have had experience in France and are now on the staff.
Practically all the munitions made in Italy were manufactured by Hydro-Electric power. The Austrians captured some of the largest installations on the Venetian plain when the line broke. The Italians are most expert electricians, but since 1906, when he first visited Italy, he had seen many things in Italy which had been adopted from developments brought about by Canadian engineers. He believed that all over the world there would be seen many important developments, the result of war experiences.

CANADIAN NATIONAL RAILWAYS INCREASED SERVICE.

Transcontinental Train Every Day in the Week—Toronto-Winnipeg-Vancouver-Victoria—In Effect October 5.

A transcontinental service between Toronto-Winnipeg-Vancouver-Victoria daily is the principal feature announced in the Canadian National Railways' fall and winter time table. This train will leave 9:15 p.m. daily and will be equipped with up-to-date sleeping, dining, first-class day coach, tourist and colonist cars. Between Toronto and Winnipeg there will also be a compartment-observation-library car.

A parlor car will be attached for the convenience of passengers while traveling through the Rockies so they may enjoy in utmost comfort the magnificent scenery, for which the Canadian National route is famous.

Further particulars can be obtained from passenger offices of the Canadian National System of Railways.

COMMITTED FOR TRIAL.

Two company promoters, E. C. Finch and A. J. Carless, appeared in the police court yesterday, charged with fraud. The sum involved is \$5,500, and the accused were brought back from Montreal to face their charges. They were committed for trial on bail of \$10,000 each.

GRAND JURY BILLS.

The following true bills were returned by the grand jury yesterday: J. J. Van Bolken, false pretences; Agnes Best, criminal negligence; Tom Pelkos, posting indecent letters thru the mails; William Foster, criminal negligence; Harry Alsworth, and Clarence Reid, theft and receiving.

IMPORTANT SALE OF Men's Soft Hats

at Dineen's
For Today Only
\$3.00



It is not often that we have an opportunity to put on such a sale as this, especially during the season when there is a great demand for new fall hats. But on account of a

Delayed Shipment of Canadian Hats

we are putting on sale today 150 dozen Canadian made Soft Hats in all the newest blocks. The illustrations show the styles. The colors are greys, greens, browns, steel dark, slate and black. Priced for Today only \$3.00

Fall and Winter Overcoats

Without exception we are showing the best value we ever offered in men's Overcoats. Fall weights, medium weights and winter weights, \$22.50 to \$55.00.

Special Sale of Men's Raincoats, \$10.50 to \$35.00.

English Tweed Caps \$1.50 to \$5.00.

Also Wool and Fur Motor Rugs.

The W. & D. Dineen Co., Limited
140 Yonge Street, Toronto

SECOND-HAND CARS

Sale Without Registration of Title Helps Motor Thieves, Says Mayor Church.

"Cannot some legislation be secured to regulate the sale of second-hand motor cars?" asks the mayor in a memorandum to the chief of police. "Many complaints have been received at this office about these sales. Often second-hand cars and parts thereof are stolen and the new owner defrauded. There should be some legislation requiring the sale of these second-hand cars and parts and the title thereto, to be registered in the county court clerk's office, before they are sold, and a fee should be charged therefor, to be given to the municipality. Several soldiers have complained about being victimized in these sales, and you will notice columns of advertisements in the newspapers of such sales. The new purchaser should have some protection from the law. Please bring this before the board."

"BY BALLOT"

According to The Toronto Star, at least ten aldermen will vote for prohibition on Oct. 20. Other names are given as follows: Ald. Hiltz, Plevman, P. M. Johnston, F. W. Johnston, Graham, MacGregor, Sykes, Williamson, Nesbitt and Maher. Most of the others did not think it was a question they should be called upon to answer. Asked how he would vote, Mayor Church replied to his interrogator "By ballot."

RECEIVED STOLEN GRIPS.

Percy Langston, charged with receiving grips stolen from the Union Station, received a sentence of four months at the jail farm when he appeared in the sessions yesterday. Crown Prosecutor Greer thought Langston was a dope fiend, but accused vigorously denied the imputation, which fact caused Judge Coatsworth to alter his original sentence of six months to four.

IS CITY LIABLE FOR EDUCATION?

Mayor Instructs Solicitor to
Report on Liability for
Outside Students.

"I am instructing the city solicitor to report on the liability of the city for the education of children and students not residents of Toronto," says Mayor Church.

"The board of education is spending four and one-quarter millions a year and the advisory committee of the Technical School, with fixed charges, half a million a year, without being responsible to the ratepayers. Some check will have to be put on the expenditure of the board of education. In future their capital account will have to be voted on by the ratepayers. The building program for 1920 will be placed before the ratepayers on January 1 next, as the board of control has instructed the school board to bring in a regulation on new sites and buildings for next year by November 15, so that the matter may go to the people."

Toronto's Part Finished.
"Toronto should not spend any more capital money for technical schools. It has invested \$5,000,000 capital in one now, and the Dominion government and the province should build any additional schools. The ratepayers will have to vote on it, and Toronto has done its part in erecting technical schools. The Dominion and provincial governments should take care of additional buildings for this city, as they are doing in other cities throughout Canada."

The building department of the board of education should be amalgamated with the city architect's department. "Although practically no schools have been built this year, the maintenance charges for the building department of the board of education amount to nearly \$100,000. This is reckless waste and duplication of taxpayers' money which should be eliminated. The city build the buildings for the exhibition board, the police commissioners and the local board of health and other outside boards, and should purchase the sites and buildings for schools as well under one heading."

DEATH OF HENRY BROPHY.

News has reached Toronto that Henry Brophy died suddenly in New York yesterday. Mr. Brophy was vice-president of the American News Company, Limited, which a couple of years ago succeeded the Toronto News Company, Limited, and the other separate news companies of Canada—Montreal, Winnipeg, Vancouver, etc. He came here from Montreal, where he had managed the news company there and succeeded the late Mr. Irving in Toronto. Mr. Brophy was until a few years ago an ardent sportsman, being well-known on the golf links, and in his younger days a successful lacrosse player. He had exceptional ability in several lines of his work, notably in the knowledge and interpretation of the postal laws as affecting not only Canada but the United States and Great Britain, and also an excellent knowledge of copyright matters.

For some years he was chairman of the publishers' section of the board of trade. He was also president of the World of Books, Limited. The funeral will be in Montreal on Monday, at which it is expected several of his Toronto friends will be present. Of his immediate family, the following survive: Mrs. Lane of Toronto, his sister; and his brother, Thomas Brophy of Montreal.

COWARDLY ASSAULT.

"This was a cowardly and brutal assault," said Judge Coatsworth in the sessions yesterday when he sentenced John Sterling to six months in jail for having assaulted Policeman James Bainbridge while the latter was executing his duty. Robert Thompson, who was jointly charged with Sterling, was found not guilty and allowed to go.

WILLS AND BEQUESTS.

Mrs. Mary A. Skinner, who died in Toronto on Sept. 6 last, left an estate valued at \$86,669, which she divided among a number of charities and her immediate relatives. Mrs. Charles Duer, wife of a medical officer in the Indian army, left her entire estate to her husband, Col. Charles Duer. The estate is valued at \$66,757.

The Ford Manual says—

"There is nothing to be gained by experimenting with different makes of plugs."

"The make of plugs with which Ford engines are equipped when they leave the factory are best adapted to the requirements of our Motor."

Since 1911 Fords have been and are now equipped with

Champion

Dependable Spark Plugs

No recommendation could have a greater significance to Ford owners when making spark plug replacements.

Champions are guaranteed to give "Absolute satisfaction to the user or full repair or replacement will be made."

"Champion" on the insulator is your assurance of "plus service," satisfaction and economy.

Champion Spark Plug Co.
of Canada Limited
Windsor, Ontario



Champion "X"
for Ford Cars
A 15. 1/4 inch.
Price 90c.

STEAMSHIPS APPEAL

Dispute Liability to Be Assessed on Income—Prepared to Pay Business Tax.

An appeal has been entered by the Canada Steamship Lines, J. W. Norcross, president, against assessment of \$650,000 of taxable income. The company is prepared to pay a business tax in Toronto, as in other municipalities, but disputes liability to be assessed on income. The statement says: "The company is a Dominion company, with head office in Montreal, where all its income or net profits are brought into account. The company carries on an inter-provincial, international and trans-oceanic business. Such a company does not fall within the assessment act as assessable by Toronto for income derived from its business done in, arising in, passing thru or directed from Toronto, could same be possibly determined. If it is held that the company is liable for income then the within assessment is too high." The property assessment of the company on Esplanade street is \$285,924. Canadian National Railways appeal on assessment of \$4,000,000 property and business assessment on East Front street, general office and distributing warehouse.

STORY WRITERS WANTED

The demand for short stories never was greater than it is now. We perfect you in short story and scenario writing. Our methods are endorsed by leading magazine editors. Writers accepted only after passing our test, which is free. Send for it. The Arts and Letters School, 1 Adelaide street East, Toronto.

KAPUSKASING OLD BOYS

It is intended to form a Kapuskasing Old Boys' Association, and all those who served at Kapuskasing camp during the late war and who desire to join the association are asked to send their names and addresses to the secretary, W. S. Liddell, 28 Noble street, Toronto. The president of the association is Lieut.-Colonel G. C. Royce, who was in command of the camp from December, 1915, to August, 1916. The majority of those who served in the camp also served

Passenger Traffic.

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STEAMSHIP & TOURING CO., LIMITED
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WE BUY AND SELL

AMERICAN CURRENCY
(at a premium)
Also Travelers' Cheques, Drafts and Money Orders.
A. F. WEBSTER & SON
53 Yonge Street.

DURING DRINKING BOUT.

Poroky Tereshuk, a Russian returned soldier, was fined \$50 and costs or three months, in the sessions yesterday on a charge of having assaulted Dorothy Hordensky during a drinking bout.

GRAND TRUNK RAILWAY TIME TABLE CHANGES

A change of time will be made on SEPTEMBER 28th, 1919
Information now in Agents' hands.

Steamship Tickets

BY ALL LINES
New York and Montreal to
England and the Continent
Travelers' Cheques, Foreign Drafts,
Money Exchanged.
PASSPORTS SECURED.

A. F. WEBSTER & SON
53 Yonge Street
Oldest Established Agency in
Canada. Two blocks below
King Street.

Heads of Two Detective Bureaus Investigate Oakoal Company

Its methods and progress—one bought the limit of our allotment to any one person, the other what he could. Bank Managers, Scientific Engineers, Professional Men and others have done likewise.

If these shrewd business men can see the value of OAKOAL as an investment, it is, indeed, a foolish man or woman who will hesitate because someone who knows nothing of OAKOAL'S merit advises them to wait.

Thousands who waited for the development of the Ford car, Prest-O-Lite, Dunlop tire, Westinghouse air brake, Bell Telephone, Burroughs adding machine, Welsbach mantle, and Cream of Wheat stock, today regret their folly.

They have seen these stocks rise from their

original hundred-dollar value on up to \$500, to \$1,000, to \$10,000, to \$50,000, to \$100,000, and we want to tell you that none of these companies turn out a product so essential to the needs of the nation as is ours, viz. high-grade, efficient fuel. Canada's population is increasing—the raw material, the wastes of cities is increasing—the demand for fuel is increasing, and as we own the sole rights and patents for OAKOAL for ONTARIO and QUEBEC, our future business will be counted in millions—millions that now go out of our country will thus be retained in Canada, and our shareholders will participate in the dividends these millions will produce.

We vacate our present premises and conclude our campaign on the last day of this month, and hence if you desire to get in on OAKOAL act promptly.

During the past seven weeks we have sold some \$60,000 worth of stock—only a few thousand dollars worth of stock remains unsold. This is your last opportunity. If you act promptly you will be among the lucky ones; therefore, write or wire your reservations at once.

You pay cash—\$100 per share for Preferred Stock, \$5.00 per share for the Common—one and one, or any number up to ten of each, or you may pay 25% cash, the balance in 30, 60 and 90 days, by the end of which time final payments will be made on our new automatic plan.

Until Tuesday evening, the 30th inst., at 10 p.m., our showrooms will be open at 36-38 King Street West. On and after Tuesday night business will be conducted at our Head Office, 43 Scott Street, Toronto.

ONTARIO OAKOAL CO., LIMITED, TORONTO