

### SCIENCE AND DEVELOPMENT OF INDUSTRIES

Prof. MacLennan Tells of Millions That Went up Chimneys.

#### GAS AND CYNAMID

Calgary's Smokestacks Belch Much Helium—Gas Wells of British Columbia Produce Constituents of Ammonia.

Ottawa, June 1.—Some exceedingly interesting and valuable information is elicited at the meetings of the Committee of Scientific Research, which has been leading Canadian educationalists and scientists testifying before the House of Commons.

Prof. MacLennan has recently returned from Great Britain, where he went to do scientific work in connection with naval defence. So successful was this Canadian scientist, that he was offered the position of scientific adviser to the British Navy, and the scientist of Great Britain had uttered in asking him to accept the position.

Prof. MacLennan told a story of the most absorbing interest to the committee, which had a wonderful power in convincing them of the necessity of Canada dealing with the question of scientific research in a courageous and earnest manner. He said that some investigations he made in 1916 showed him that wealth to the amount of \$50,000,000 a day, at the valuation then put on one great smoke stack in Calgary.

We could have secured there two million cubic feet of helium a month, which would have been a great aid in ending the war, if delivered in France as it would have been in June of this year. If this matter had been taken up in 1916, as was urged, as well as afterwards, it would have been of incalculable benefit. This product is not worth \$50,000,000 today, as the cost of production has been cheapened by scientists about one hundred thousand times, but even today there is wealth going up those Calgary smoke stacks to the value of about \$100,000 a day. We may yet find an outlet for it.

#### Cyanamid in B. C.

Referring to the natural gas wells in British Columbia, he said he had found 99 per cent of nitrogen, which was looked on as valuable by the operators, "because it would not burn." At the Slav Lake well, in the same province, there was every constituent for making cyanamid, from which is obtained one of the most valued fertilizers in the world. Prof. MacLennan pointed out the fact that Germany had been buying nitrates from Canada, and that them as a fertilizer to China, on condition that they got the preference on her crop of soy beans, which were used in Germany as the basis of synthetic food stuffs and cattle food. China would be a natural market for the fertilizing products of British Columbia. These are the dreams of scientists which should be taken up, and instances given are typical of hundreds equally striking.

#### Research and Marine Service.

Prof. MacLennan told the committee how Great Britain had wakened up in the matter of scientific research. Before the war she was far behind other countries in the matter, but her eyes had been opened by what research had done. At the present time it is proposed to allocate a sum of about one hundred thousand pounds for research in the Navy and the mercantile marine for next year.

One statement made by Prof. MacLennan, upon which particularizing was not permitted, was that on August 23, 1918, the Straits of Dover were absolutely closed, presumably electrically, and after that date no enemy submarine got through—and none ever will," he added. Among the other Canadian scientists who had a big part in this work were Prof. E. A. McNeill, and Prof. Boyle, of Alberta.

#### Research and Production.

Prof. MacLennan urged on the committee that if Canada is to pay its debt, we must increase our national wealth by building up and developing new industries. We have labor and intellect but they were not being used to the best advantage. We must create national wealth which we can send out of the country. That means that we must manufacture more cheaply than other countries. He advocated the establishing of a central institute of research at Ottawa in order to concentrate for efficiency.

### AROOSTOOK

Aroostook Jet, May 31—On Friday afternoon, May 30th, Mrs. J. Thos. Smith entertained at tea for her sister Mrs. Frank A. Johns, of Vancouver, B. C. Those invited were: Mrs. H. B. Manser, Mrs. Turner, Mrs. D. Grant, Mrs. K. B. Hawkins, Mrs. J. Howard, Mrs. J. R. D. White, Mrs. N. Burt, Mrs. Levi Grant, Mrs. R. Kelly, Mrs. W. Grantham, Mrs. F. Gheron, Mrs. T. Craig, Mrs. H. True, Mrs. Taber, Mrs. L. Rivers, Mrs. J. C. Langley, Mrs. Gals, Mrs. J. L. Monteth and Mrs. F. H. Jenkins. Tea was served at 5 p.m., and a very pleasant evening was passed.

On Thursday evening, May 29th, Mrs. W. Grantham gave an ice cream social in honor of Mrs. F. A. Johns, of Vancouver, B. C.

On Thursday evening, May 29, Mrs. daughter of Mr. J. F. Wade, C. P. R., age 5 years, died of pneumonia. Mr. Langley, of the C. P. R., who has been ill for the past few weeks, and unable to leave his room, is much better and hopes to be around in a few more days. Dr. Earl, of Perth Junction, has been in attendance.

Mrs. L. True and Miss D. Linsley

### MONTREAL POLICE CHARGE CROWD OF SOCIALISTS

Sunday Was a Day of Wild Excitement for Montrealers With the Determining Hand of the Police Shown up.

Montreal, June 1.—Squads of police officers charged through the park, with mounted officers aiding their efforts by dashing into groups of people who were slow in moving around united to form a spirited scene on the slopes of Mount Royal this afternoon. It was an afternoon of wild excitement, with the determining hand of the police well shown up.

The persistence of a socialist group in Montreal to endeavor to hold a meeting against the orders of the civic authorities was responsible for the clash. Mrs. Ray Press Mendlesohn, one of the active workers of the socialist group, was arrested and taken to headquarters. She had attempted to speak, when ordered not to do so, and several policemen took her into sergeant Delter's house on the field and held her there until the patrol wagon came. She was then driven to headquarters with several mounted men as an escort and two motorcycle side cars. No attempt at rescue was made. The socialist meeting had been advertised by means of a circular signed "Social democratic party of Canada, propaganda committee."

### HOW UNITED STATES VIEWS BIG STRIKE

American Opinion Inclined to Look Askance at Evidences of Bolshevism.

Just returned from a business visit to Buffalo, Mr. C. K. Dodds, of Green, Dodds and Co., returns with some opinions to the effect upon business circles in Buffalo at the state of affairs in Canada as regards labor. From interviews with very representative business men, the presidents and vice-presidents of several banks and leaders of large financial businesses Mr. Dodds has formed the firm impression that business in Buffalo looks upon labor affairs in Canada as showing symptoms of Bolshevism, pure and simple. There is not much disposition in Buffalo, at all events, to regard the Canadian strike as merely local labor disputes. "Of course Buffalo is not New York," remarks Mr. Dodds, "but the Buffalo opinions influence New York from the undoubted feeling that Buffalo being nearer to Canada and more in touch perhaps with Canadian affairs, opinions of Buffalo business men are very likely to be based on accurate knowledge of Canadian conditions. The prospect of several considerable industrial investments contemplated by American concerns who planned coming over into Canada quite soon, have been halted by these labor disturbances," said Mr. Dodds. "Whether they will come back to the original intention should the labor troubles be effectually and speedily settled, is a question of one important bank believes that U. S. Exchange will go to 5 per cent against Canada. On the other hand, another bank president believes that exchange will come easier for Canada. Opinions in fact are very varied as regards Canadian conditions and prospects, but there is no question that investment in Canadian industrial development from the United States is discouraged by the present state of affairs."

have returned from a short visit to Woodstock. Mrs. R. W. Dennings, who has been seriously ill, is improving. The two children of Mr. N. W. Taylor, who have been ill with pneumonia are much better. Messrs. J. R. D. White and Harley White, who returned from a trip to Fredericton, where they purchased a new auto. Mrs. T. Craig and daughter, Florence, have returned from a trip up the Tobique. Quite a number of amateur gardeners are busy planting garden stuff, and incidentally trying to reduce the cost of living, which is vitally necessary in Aroostook Junction, as reference to advertisements in a Montreal paper, and a Winnipeg paper of two weeks ago, prove that the cost of living in this little railway town is higher than either Montreal or Winnipeg.

Hillsboro, N. B., May 30.—Edward Randall spent last week at Albert. Mr. and Mrs. Burton and daughter, Elizabeth, who have been the guests

### The Terrible Tempered Mr. Bang Woke up Cold the Other Night and Just About Wrecked the House Gathering Things To Sleep Under.



### Commissions Are Digesting German Counter Proposals For The Council of Four

New York, June 1.—(By the Associated Press)—The long-awaited reply of the Allies to the German proposals will be delivered during the present week. Sunday saw the Council of Four inactive, awaiting the report of the commissions. Count von Brockdorff-Rantzau, head of the German delegation, continues to assert that the Allies' terms cannot be accepted as originally framed, declaring them to be "more than the German people can bear."

Whether the Allies are to make any concessions remains to be seen. German troops in Lettland and Lithuania are reported to have been ordered to withdraw to new lines in the Baltic provinces marked out for them by the Allied high command. "British and Russian Bolshevism" warships again have come into battle in the Gulf of Finland. Although the Bolsheviks had the big battleship Peropavlosk, a vessel 25,307, in their battle line, they were forced eventually to flee to Kronstadt.

Ignace Jan Paderewski, premier of Poland, has requested President Wilson to form a commission of American statesmen to proceed to Poland to investigate the reports of pogroms and other excesses against the Jews in that country. The threatened London police strike has been postponed until after peace is signed.

### HULL FIREMEN WIN THEIR POINT

After a Strike of Thirty Hours the Mayor and City Council Accede to Strikers' Demands.

Hull, Que., June 1.—The strike of Hull city firemen, came to an end on Sunday at noon, after a duration of thirty hours in which the city was left without fire protection, except for the assistance of the police force, which was taken off the streets to man the three fire stations. The settlement of the trouble was reached by "mutual agreement" and is a complete victory for the firemen, the Mayor and City Council, by signed agreement, conceding all the demands of the men.

### HILLSBORO.

Hillsboro, N. B., May 30.—Edward Randall spent last week at Albert. Mr. and Mrs. Burton and daughter, Elizabeth, who have been the guests

of Mrs. Burton's sister, Mrs. J. T. Steeves, have returned to Ottawa. Miss Kathryn Thompson, graduate of St. Albans Ladies' College, has returned to her home here. Mr. and Mrs. Albert Leavay, of St. John, are here for a few days. Mrs. Gavey and Mrs. Hickson were in Moncton last week. Miss Helen Wallace, of Moncton, and her friend, Miss Ross, of Sussex, spent Sunday here. Miss Gerda Hopkinson, of Moncton, spent the holiday and week-end with Mrs. J. H. Berrie. Miss Martha Blake, of Moncton, spent Sunday here. Miss Annie Bray, of St. John, is here, the guest of Miss Della Lowther. Albert Dennis, of Charlottetown, P. E. I., has been the guest of his aunt, Mrs. James Blight. Rev. Ernest Bates, of Sackville, occupied the pulpit of the Methodist church on Sunday evening. Rev. Mr. Bates recently returned from overseas, and gave an interesting address. Miss Kathryn Thompson rendered a solo, which was enjoyed by all present. Miss Mildred James, of Sunny Bras, has been the guest of Miss Gladys Steeves. Miss Jennie Taylor, R. N., is at Hopewell Cape, professionally. Edward McCall, of Moncton, was here for the holiday. Empire Day was observed in the different schools, and appropriate exercises were carried out by the pupils. Misses Gertrude Simmons and Byrd Steeves spent the week-end in Moncton, the guests of Miss Steeves' sister, Mrs. Maggs. Among the Moncton boys who spent

the week-end here were Gordon Keith, J. Ross Murray, Gerard Thompson and Alfonso Steeves. Mrs. F. J. Steeves, of Moncton, is spending a few days here. Miss Scott, of the teaching staff, spent the week-end at her home in Penobscot. Walter Lewis and family, of Moncton, spent Sunday here. Miss Florence Proctor, who has been the guest of Mrs. H. T. Johnson, has returned to Hillsboro, N. H.

### MONTREAL NEWS WRITERS BECOME UNION MEMBERS

Montreal, June 1.—The Montreal news writers union, having as charter members, seventy-five per cent of the reporters and desk men of the daily and weekly publications here was installed on Saturday by James Drury, of the I. T. U., with which the new organization is affiliated. Eugene Beaulac, city editor of Le Canada was elected president. Portland, Maine, May 31.—Transfer of wounded Canadian soldiers to their home districts from hospitals in Liverpool and vicinity through this port will be completed by September 1, an officer of the Canadian Medical Corps stated today. There are 14,000 wounded Canadians in England, but hundreds are returning daily on transports and passenger ships. Five thousand hospital cases will be transported by the hospital ships Araguaya and Essequibo at the rate of about 1,500 a month and sent to Canada from here.

### FEDERAL DRY BILL BEFORE SENATE

Senator Pringle Suggests the Measure May Interfere With B. N. A. Provincial Trade Rights.

Ottawa, May 30.—The prohibition bill was given second reading in the Senate last night, but a constitutional point was raised which will be the subject of interesting discussion when the bill reaches the committee stage. The point was raised by Senator Pringle and is that the British North America Act provides for unrestricted exchange of commodities between provinces.

Sir James Loughheed, in moving second reading, stated that the ending of the war made doubtful the effect of orders under the War Measures Act. The Dominion law was not intended to interfere with the liberty of the people, but that was true of most legislation looking to the carrying out of great reforms. Senator Bostock, leader of the opposition, thought most people agreed that the government had done wisely in enacting the restriction contained in the order-in-council of February, 1919.

Country Behind Act. Sir James said he believed the moral sentiment of the country to be strongly behind the measure. It might be said to interfere with the liberty of the people, but that was true of most legislation looking to the carrying out of great reforms. Senator Bostock, leader of the opposition, thought most people agreed that the government had done wisely in enacting the restriction contained in the order-in-council of February, 1919.

### RHINE REPUBLIC NOW PROCLAIMED

Population Welcomed the Event With Satisfaction and Hope it Ends the Uncertainty Prevailing in Rhine Provinces.

Mayence, June 1.—(Havas)—The Rhine republic was proclaimed today in various Rhine cities. The population welcomed the event with satisfaction and expressed the hope that it would provide an end to the painful uncertainty prevailing in the Rhine provinces regarding the Allied plans and Germany. The new government is headed by Dr. Dorden. It has been installed provisionally at Wiesbaden. Dr. Dorden addressed a message to the different governments and to the Peace Conference.

### PERSONALS

H. W. Schofield and James McTearl of St. John were in Fredericton Saturday. Mrs. N. F. Nutter, St. John, is the guest of Miss Ryan, Coverdale. D. C. Clarke and daughter, Miss Hazel, of St. John, were in Fredericton Saturday.

### Children Cry for Fletcher's

CASTORIA The Kind You Have Always Bought, and which has been in use for over thirty years, has borne the signature of Dr. J. C. Fletcher and has been made under his personal supervision since its infancy. All Counterfeits, Imitations and "Just-as-good" are but Experiments that trifle with and endanger the health of Infants and Children—Experience against Experiment. What is CASTORIA Castoria is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is pleasant. It contains neither Opium, Morphine nor other narcotic substance. Its age is its guarantee. For more than thirty years it has been in constant use for the relief of Constipation, Flatulency, Wind Colic and Diarrhoea; allaying Feverishness arising therefrom, and by regulating the Stomach and Bowels, aids the assimilation of Food; giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

GENUINE CASTORIA ALWAYS Bears the Signature of Dr. J. C. Fletcher In Use For Over 30 Years The Kind You Have Always Bought THE CENTAUR COMPANY, NEW YORK CITY.

### BRINGING UP FATHER.

AM! THE SERVANT IS COOKIN' AN OLD-FASHION STEW FOR HERSELF— I'LL JUST EAT THIS MESELF.

I WISH MAGGIE WOULD HAVE THIS KIND OF FOOD ALL THE TIME— THIS IS WHAT I CALL FOOD!

AM! THAT'S THE FIRST DECENT GRUB I'VE HAD SINCE WE'VE BEEN IN SOCIETY.

MR. JIGGS— SOME ONE HAS STOLEN ALL THE DOG-MEAT I COOKED!

DOG-MEAT!!

### Special Styles For Business Men

They differ somewhat from the young men's models; the older men want them different. The fabrics are especially chosen, in suits and overcoats, for the substantial business man.

Special values that you can't afford to miss.

Overcoats, \$20 to \$40. Suits, \$25 to \$50.

Ready for service at short notice.

Gilmour's, 68 King St. 10% discount off soldiers' first outfit

### THE WEATHER

Northern New England—Fair Monday and probably Tuesday; warmer Tuesday except on East Maine coast. Gentle to moderate shifting winds, mostly southeast and south. Toronto, June 1.—The weather has been fine today in nearly all parts of the Dominion, warm in Ontario and Western Quebec. Elsewhere comparatively cool.

	MIN.	MAX.
Prince Rupert	43	50
Victoria	46	58
Vancouver	48	64
Kamloops	44	76
Calgary	32	66
Edmonton	30	54
Winnipeg	35	56
Sault Ste Marie	68	92
Toronto	57	81
Ottawa	52	84
Montreal	53	78
Quebec	45	68
Halifax	40	54

Forecasts—Maritime—Moderate winds, fair and a little warmer.

Horse Races and Field Sports, June 1st, Moosepath Park.

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### THREE KILLED INJURED MILE A

The Big Car Indianapolis Thrills—The Death—Wild Speed Event.

Indianapolis, Ind., was 600-mile auto race's time was 6:47.12. Hearne was time was 5:46.15.05.

Indianapolis, Ind., 275 miles of the 60 race had been run here, today, three were killed, one injured two less seriously. Leach and his men. Los Angeles, Cal., death on the 10th mile, caught fire and it in curve, turned over a tree with flaming wheels, burned for five minutes, guards and spectators the blaze. The flames were being fought dashed through the.

Arthur Thurman, in his first race on the north turn, driven 100 miles, was injured seriously. J. Chasagne, race 164, and his mechanic but not seriously, went over on the 10th mile point was the story of the speedway the point 91.34 m. Palma, who had most of the first lap, 25 miles when he fell for a change of tires, tending the race the speedway man.

### THE DOMINION RECEIVE

British Gov't Some of the chimes for P. lar Services.

London, June 1.—House of Commons W. W. Ashley, m. asked: "Will the Air Ministry announce plus airplanes for services?" Major-General S. the question had a satisfactory con- the government, announcement later. Col. Ashley—"W purchase?" Major-General S. a free gift to Crown Colonies and

### HOSPITAL HOME B

There Remain Turned by Araguaya a

Portland, Maine, of wounded Canadian home districts from erpool and vicinity will be completed by officer of the Canadian stated today. The eu Canadians in England, but hundreds are returning daily on transports and passenger ships. Five thousand hospital cases will be transported by the hospital ships Araguaya and Essequibo at the rate of about 1,500 a month and sent to Canada from here.

### TURK LEA TO B

British Govern Steps to Br count.

London, Thurs Widdows)—The y Paths and Tables of the Turkish the war, is not past settlements being them to Harborough, and for foreign affairs House of Commons would said he requiring the sum of £1,000,000 to be treated with Turk

### FIRE DEST BARN A

About 3 o'clock fire was discovered burning in N. B. and in a a and the contents the barns all the stored, also the and one he burned. Fortune was out to past several times caught fire, but village worked

St. Halbert about \$3,000, covered by ins