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## THE

mal of Commerce Publishing C

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MONTREAL, THURSDAY, OCTOBER 29, 1914.

Economic Lessons From the Germans

Despite the fact that we are at war with Ger many, that country is in a position to teach us many important lessons, especially in regard to co-opera tion between science and industry, the application of technical knowledge to manufacturing and other questions which have to do with the economic life of the people. In Canada, we have been very lax in regard to these matters. Our efforts along technical educational lines have not been vigorously prosecuted, while our manufacturers for the most part have been slow to apply scientific investigations the betterment of their particular industries A good work has been accomplished in the Do minion by the Royal Canadian Institute. which for the past sixty-five years has been spreading abroa knowledge of the advances of science and the re-

sults of scientific research. It has not always bee an easy task to convince the working man that he is indebted to science for many of the privileges and advantages which he now enjoys. He accept without thinking the benefits which science has co ferred upon himself ,and his co-workers, and seldon give credit where it is due. In a large measure this is true of all of us. We never consider that the price we pay for our meats is largely re-gulated by the refrigerating processes placed at our disposal by Joule and Thomson; that the safety of the collier is due to the lamp invented by Davy that the driver of the street car and his wages were coined by Faraday. Steel workers owe a debt to and Nasmyth; the telegraph operator to Volta and Wheatstone, the wireless employe to Hertz and Marconi; soldiers fighting on the battle elds of Europe owe much to Rontgen's rays, whose discoveries enable men to locate bullets, and so on down through the list. We are all indebted to science

and to the painstaking efforts of scientists. Another excellent work performed by the Royal aundian Institute is the calling attention to the Canadian opportunities for industrial research which exists in Canada at the present time. They give a list of hirty fields where there are immense possibilities for constructive work from which we take the following: The treatment of silver ore and the utilization of Cobalt Oxide; the separation of nickel from low grade ores; investigation as to the qualities of illuminating gas; how to utilize wood waste, straw,

moke, hard woods, sewage, peat, etc., etc. This by no means exhausts the list of excellent ns put forth by this institute. It is to be hoped that those back of the movement will be able nation-wide interest in the opportunities awaiting Canadians. If we are to fight the Ger mans, let us do it as effectively as possible. way of fighting them can be devised than by establishing industries in Canada which were pre-viously monopolized by Germany. These industries have to do very largely with the application of science. The chemist, the scientist, and the inves-tigator had a big place in Germany's industrial life.

Canada's Flour Exports

Canada's export of four has more than doubled during the past six years. For the year ended March 31st, 1913, our exports amounted to 4,478,-1000 barrels, with a value of nearly \$20,000.000. Re-turns for 1914 to date are not complete, but owing to the heavy exportations made in connection with Canada's gift to Great Britain, the probabilities are that the exports for 1914 will greatly exceed those of any previous year. As a rule, 70 per cent. of the four manufactured in Canada is consumed at home, the remaining 30 per cent, being exported. The heavy exports made this year will probable with Berlin, St. Petersburg, Paris, etc. Now the

tions outside, yet they are held down and "gov-erned" by the Germans and Magyars, who consti-Journal of Commerce tuis but little over one-third. For more than forty years the Dual Monarchy has erned" by the Germans and Magyars, who consti-tute but little over ene-third. For more than forty years the Dual Monarchy has existed under its strange constitution. Austria and Hungary arg absolutely independent of one sin/ther in internal affairs, but are united by allegiance to common throne, and by having their foreign affairs and defence under one Monarch. The Germany or is that the Borninion Government and the Magyars in tiele of truth in internal infairs, but in Hungary. In the former country there is little or no oppression of other nationalities, but in Hungary the Magyars the Hungary. In the former country there is little or no oppression of other nationalities, suppress the Slav press restrict the educational rights of the Ritheses and other peoples, and in a score of ways oppress the sis and racial animoties. That these people will tamely submit when opportunities will soon be of fered them to cast in their lot with those of their own racia animoties. For the ways oppress the war.

own races cannot be believed. Following users, Austria-Hungary will be broken up into a dozen parts, many of which will at once units with the border nations to which they claim kinship. The

Training Tells That there is no royal road to learning is true of nilitary matters as well as of geometry. Field

ders for 1,500,000 shirts from the British Gover Marshall Sir Evelyn Wood, at a recent gathering in Which is but one of the many signs of the great fu-ture that awaits Capada as a manufacturing coun ondon told some interesting stories regarding the men who are now commanding the British forces at try, under ample protecti the front. Speaking of Sir Horace Smith-Dorrien, whose splendid rearguard action saved the Allied army from annihilation, Sir Evelyn Wood said: "In 1882 I was left 12 miles outside Alexan-\* dria with six battalions to cover a frontage of over five miles, 4 which in the previous week had been penetrated by the enemy. I sent an order into Alexandria for a smart subaltern who was to go to the Khedive's stable and all Since the Zeppelin scare, it is said that business in the saddlers' shops and produce in one day ondon is looking up .- Southern Lumber some mounted infantry. Smith-Dorrien received the order at 1.30 p.m.. and at 6.30, with 81 Some people are born on the water wagon, others horses, three mules and a donkey, carrying

acquire the water wagon, and other have the water wagon thrust upon them.-Boston Transcript. Derbyshire men, the Sherwood Foresters, few whom had ridden before, he passed me at Razlah, went out into the desert, engaged an Egyptian outpost, killed its commander, and never let them inside our line again." fighting the feeding men is furnishing the rest of with an occupation.-Buffalo Commercial. Field Marshall Wood, like Earl Roberts, is a vet

an of many wars, and was a prominent figure in British military life when men like Sir Horace Smith-Dorrien and Sir John French were commencing their careers. In regard to the latter, Sir Evelyn Wood tells the following story:

"When I inspected his regiment, he being a major, many years ago, I asked the colonel. pointing to him: 'Of what value?' He replied: 'For ever reading military books.' He has been reading ever since. In 1885, when we were re tiring across the Bayuda desert, after the failure o save Gordon, I saw Major French coming back the last man of the last section of the real suard." These men and others like them did not attain

their present proud positions through pull or be paying income tax-and all the foreign noblemen tied cause of privileges, but rather through dint of hard up in Europe.-Wall Street Journal. work and the conscientious performance of the du

ties nearest to hand. They began at the bottom A young couple went to a minister's house to get worked their way up, studying the science of married. After the ceremony the bridegroom drew war, familiarizing themselves with military tactics, the clergyman aside and said in a whispert reading history, studying geography and, in brief, "Tm sorry I have no money to pay your fee, but if you will take me down into the cellar II show

job I want.

ainy day?"

meerschaum pipes .--- St. Louis Times.

uthern Lumberman

equalled propensities for making featful charges,

Spent it? I thought you had laid it away for ;

rain coat, an umbrella and a pair of rubbers with it."

tails for guests only, served in the basement after

ublication .- Southern Lumberman.

fitting themselves to occupy the larger positions which have made men like Kitchener, French and y ou how to fix your gas meter so it won't register." which were ahead of them. Careful study and long training have made men like Kitchener, French and The careful husband had given his wife some money Smith-Dorrien world names put into the family sinking fund, but she had spent

Two or three days later she asked for more. "Didn't I give you some last Monday?" he inquired a the well-known manner of husbands under simi-The general invitation to "Come on in, the water" fine!" is being accepted by Portugal who, it is said, in fighting the Germans in Africa. Italy, Greece, lar circumstances. Roumania, Turkey and Holland are all on the bank "Yes, but I spent it."

eady to take the plunge. Montreal's property has an assessed valuation of \$843,337,477, of which over one quarter, or \$215,-251,101, is exempt from taxation. This puts an un-

necessary and severe drain upon the rest of th citizens. New York's Budget for 1915 amounts to \$204, 000,000, of which \$52,611,000 must be set aside for

interest on the city's debts. It is much easier to run into debt than it is to pay the bill. Canada's Inland Revenue for the month of Sep-

tember shows a decrease of \$330,000 from the cor- only Baptist in the vicinity, always "stuck, up for responding month last year. It will soon be ne-cessary for Canada as a nation to economize. his own faith" and was ready with a reason for it, although he was unable to read a word. This the way he "put 'em down correspondent of the New York Sun suggests "Yo' kin read, now kain't yo'?"

that all the difficulties of pronouncing names of European battle grounds might be solved simply by "Yes. "Well, I s'pose yo' read a Bible, hain't yo'?" ignoring the native pronunciation and giving the

Yes. "Yo' read 'bout John de Baptis', hain't yo'?" Well, you never read 'bout John de Mefodis', did cause those percentages to be readjusted. The next time you are reading of the Russian successes following table shows the exports for the past half around Przemysi all you have to do is give this "Yes."

THE JOURNAL OF COMMERCE, THURSDAY, OCTOBER 29, 1914

NO NICKEL FOR THE ENEMY

SHIRT MAKERS BUSY.

"A LITTLE NONSENSE

NOW AND THEN'

on.—Kingston Standard

THE WAR TO DATE. With

Yet it was admittedly the idea that the p war. Nickel is not an ordinary part of the mineral re-sources of Canada. It is a war material. War mea-sures must be applied to it. We might as well send a Canadian regiment to fight for the Kaiser as sell the German public feel in a long winter campaign, mosta Canadian regiment to fight for the same as set the German public rest in a long winter campaign, most-Kaiser Canadian nickel with which to attack the by in entrenched positions within their own borders. British navy. The Dominion and Ontario Govern-with all their ports virtually blockaded, and with ex-ments must take effective and, if necessary, drastic

There is something pathetic about the position of the conscript, and something menacing also. He is a wonderful machine where he has been disciplined

Various shirt makers in Canada have secured or out of thinking for himself. But what a potential sive he may be when he begins to th

has been fed upon "Capture of General French and his entire staff," "Revolt in Ireland," "Revolution in South Africa," "Revolt in India," "Canada demands ration by the United States," "Recruiting in England collapses and labor unions refuse to fight, "Total strike of all transport workers on British rail "Zeppelins sink thirty-nine British battl ships," and all the rest of the dangerous foolishness published by presumably reputable German news papers, and used to keep up the courage of the soldier the field and the taxpayer at home.

American newspapers have been blamed for de clining to publish this kind of stuff, which seems to be 'the "unofficial" staple news supply of German newspapers. Such "news" has a bo nerang effect When the armies go into camp for the winter, and a

nation, so beleaguered as that of Germany, realized not that it is patriotic, but that it is hungry, what A despatch says that 'feeding the fighting men is will be the pressure of public opinion upon that great seping Chicago busy." To which we might add that war machine which staked all the war supply trust had, and all Germany had, in mercantile marine.

foreign trade, on a single throw of the dice? What, moreover, will be the effect of this cost Tramp.--I'm willing to work, boss, if I could get the Prussian obsession on temperate and peaceful members of the German Federation, like Saxony, Bavaria Gentleman (sarcastically-And that is being lineand Wurtemberg ?-- Wall Street Journal. man on a wireless telegraph. I suppose? Tramp-No, boss. nothin' absurd like that. Colorin'

## THE LEOPARD'S SPOTS.

Great Britain has in her time done a deal of varie

gated as well as vigorous fighting. She has had most The action of the French authorities in commandeering all the taxicals for army service was a mas-ter stroke, everybody being familiar with their un-time and allies at another. Time was when she had Prussia for an ally-notably in the Years' war-1756.62. That was a time when Britain ad her hands rather full-fighting the French and the revolting colonies in America. There are 23.551 single women in the United State Even with this handicap she was with the under dog as she is today in the case of Belgium, Austria, Russia and Saxny at that time had eyes on Silisia, and wanted to partition Prussia among them. Britain joined hand with Prussia. During the contest Great Britain had to finance Prussia in order to help keep her armies in the field; and it will be no surprise in the light of recent developments to learn that Prussia never, re paid the subsidies Britain had advanced. that the bad faith, the national dishonesty, the disregard of treaties shown by Prussia in these latte days, are the fruits of inherited dishonesty, and mala. fides. Like the leopard's spots, the stain of crooked ness, in the militant German class will not out .-Peterboro Examine

> COMPLETE CESSATION OF EXPORTS OF COP PER TO GERMANY.

Not a pound of copper metal cleared American ports for shipment direct to Germany in September, ac-"I did, Henry," she smiled sweetly. "I bought a cording to statistics compiled by the Custom House and not a pound of the red metal was shipped direct London bars now close at 10 p.m. Zeppelin cockto either Belgium or Austria in the same period. Th is particularly interesting as showing the effects of

the present struggle, which now involves nearly all of

Europe, upon the American copper industry, There has been much sage prognostication of the Mexico is rapidly profiting by the European war and That Germany ordinarily is the largest foreign great literary movement, the new Periclean harvesto modernizing her methods, Carranza's "red book" and Villa's "white book" being now announced ready for consumer of American copper may be seen from the art and song, to be begotten by the war. It begins fact that for the first seven months of the current nobly, at least in England. "It's a Long Way to Tipyear the total shipments direct to that country perary," is the prime war classic at present, a mas amounted to 193,934,720 pounds, or on an average of the London Times, apparently from an old Eton mas-nearly 28,000,000 pounds per month. Since the terpiece by the side of the soldiers' songs printed in An old negro, near Victoria, Texas, who was th breaking out of hostilities abroad only 4,198,000 ter; at any rate, the author of the Eton song "Car pounds of copper cleared American ports direct for men Etonense." This Tyrtaeus or Korner may walk Germany and that early in August before the inter- in a becoming; and even stately manner on Latin ruption in trans-Atlantic transportation took place. feet, but his attempts at marching songs for Tommy Austria and Belgium use considerably, less of the red are one of the "horrors of war." For example, to the metal than Germany, but nevertheless the shutting off tune of "Here's to the Maiden":

of these avenues of consumption has resulted in the cutting down of exports from the United States of merce.

Gentle, persuasive and balmy, Giving his orders and getting them done. All that he wants for the army.

Give Town and Provincy

Philadelphia clearings \$20,979,924; decrease \$0, Baltimore clearings \$5,149,838; decrease \$286,760. Louis clearings \$10,183,820; decrease \$1,755,-189. Chicago clearings \$47,382,049; decrease \$2,-"Here's to Lord Kitchener, brown with the sun,

Capital Authorized -\$25,000,000 \$11,560,000 ther years. \$13,500.00 \$180,000,00 HEAD OFFICE: MONTREAL H. S. HOLT. President F. L. PEASE, Vice-President and General Manager 335 Branches in CANADA and NEWFOUNDLAND: 35 Branches CUBA, PORTO RICO, DOMINICAN REPUBLIC and BRITISH WEST INDIES NEW YORK Cor. William and Codar Streets SAVINGS DEPARTMENTS at all Branches enlation ..... Public deposits .. .. .. rivate deposits ..... **UNION BANK** Gov't securities ..... Other securities Reserve .. .. rop, res. to liab. **OF CANADA** ullion .. .. .. .. ..

The average cash dividend paid by the fox farm institutions in Prince Edward Island is 58 pe nt. The dividends paid so far by various silve nies are as follows: Rayner Internationa ) per cent; Provincial, 40 per cent; Black Princ Fox Co., 50 per cent; Rayner, Stonehurst Silver Fo. , 200 per cent; Rayner, Clarke & Harlow Fox Co per cent; B. I. Rayner, 105 per cent; Prince Albert per cent; Pure Canadian, 50 per cent; Genera Farms, Limited, 12 per cent; Mount Edward, 10 er cent; Murray Harbor, 30 per cent; Upton, 10 ent; Westmoreland Silver & Patch Co., stock \$7 sh, 35 per cent; Silver Tip, 15 per cont; Crapaud For Co., 40 per cent; Willow Hill Fox Co., 35 per nt; New London Fox & Farm Lands, Limited, 20 r cent; Spring Park, 10 per cent; Reyal Silve ack Fox Co., 50 per cent; Rogers-Payton, 10 per nt; Royal, 110 per cent; Dundas, stock \$200 cash 00 per cent; Seal River, 16 per cent; R. J. McNeil

here was to have been a meeting of the Mont-

tors in the stead of Messrs. William Wainwright and M. M. Reynolds, both deceased, but as there was no

BANK CLEARINGS.

rum present, the matter was left over until next

stock \$50 cash, 50 per cent; Diamond. 30 per MONTREAL WAREHOUSING CO.

ing Company to-day to select direc-

35-45 ST. ALEXANDER

\*

of normal conditions which should eturn compares as follows:

This week. Last wee £ 35,112,000 £ 34,798,0 24,993,000 15,764.0 143,058,00 126,736,000 19,427,000 24,074.0 104.868.000 108,787,0 45,210,000 43,713,0 27.52 p. 29.79 p.c. 61,872,000 60,062,00

FOX FARM DIVIDENDS

AVERAGE 58 PER CENT

Long as Bank Rate Remains at 5 Per Cent. Occurate Barometer of Money Market York, October 29 .- At 29.79 per cent,

New find, the second se

nes, and in present conditions is a remarkable

loan items "Government" and "Other

It may at least be said that with

ties," of over £8,500,000.

is no accurate barometer of money market, althou and the the minimum discount rate will be a re

enormous benefit to our own markets.

HOLDS GOLD FOR ALL PAPER

Great London Institution's Proport

of Reserve to Liabilities Once More Shows Gain

VOL. XXIX No. 148

TINE EXHIBITION OF

STRENGTH OF BA

This bank issues Letters of Credit negotiable in all parts of the world. This bank has 127 branches throughout

VOL. XXIX. No. 148

Imperial Bank

OF CANADA

HEAD OFFICE - - . TORONTO

Capital Paid up ..... \$7,000,000 serve Fund...... \$7,000,000

MONTREAL: Cor. St. James and McGill St.

BRANCHES: St. Lawrence Blvd., Maisonneuva

THE

Royal Bank of Canada

**Incorporated** 1869

**DIVIDEND** 111

Notice is hereby given that a dividend at th

rate of 8 per cent. per annum on the paid-up

capital stock of this Institution has been de

clared for the current quarter, and that the

same will be payable at its Banking House in

this city, and also at its branches, on and after

Tuesday, the first day of December, 1914, to

Shareholders of record of November 14, 1914.

The transfer books will be closed from the

G. H. BALFOUR,

General Manager.

ENGLISH "WAR SONGS."

16th to the 30th of November, 1914, both days

inclusive.

By order of the Board

Winnipeg, October 16th, 1914.

Dominion of Canada.

Capital Paid up Reserve Funds -

Total Assets

LONDON, Eng. Princes Street, E.C.

SAVINGS BANK DEPARTMENT at each branch of the bank, where money may be deposited and interest paid.

is relatively not far below normal for the d year, when the average for the past 10 years wo

at 45.77 per cent. The present proportion tically 30 per cent is not unusual, even in pe

on of strength. The large changes in the two deposit items in probability represent treasury operations arising of the war. It will be noticed that these two ite her show a net decrease of £7,100,000 wh ares favorably with the combined decrease

The steady reduction of loans indicates safe a lerly liquidation and is highly encouraging. Be ve and bullion show large gains and are at figures, leaving no basis for comparison w wer to inflate the currency implied in the su sion of the Bank Act of 1844, the Bank of Er

and still holds gold for all its paper. So long as the bank rate remains at 5 per cent,

his respect there is a steady improvement. In king quotation and when it is, there will be

ondon, October 29 .- The Bank of England wee

the state of the past half a state of the past half of th	I Have	The state back and a second seco
dozen years:	NOT WHAT THEIR NAMES INDICATE, Gentle Lord Kitchener, balmy Lord Kitchener! How	************
Barrels. Value It. It is the simplest thing in the world. For once	he would love to have that "poet" shot:	
1208 1,962,740 \$8.454,954 "Constant Reader" his justified himself.	and on, boya, march, along the	Your Fall
1900	Singing and cheering and seeking all the way	
1910	A wildcat, whose mustaches want uncurring.	
1611	Brazilian grass does not come from Brazil, and, in A man-eating tiger, brought at last to bay."	
1614 CAS the train slowly let the station it was follow	red lact, is not a grass at all.	
1912		
	Galvanized iron is not galvanized. It is iron coat. wildcat verse? Surely this martial minstrel is a	************************
the race and a line tota	ed with zinc, and this is done by dipping it in a zinc	and the second
	bath containing muriatic acid. ferocious and absurd.	9
appeared manifest that the British remained It lives in Scotland yet.	German silver is not silver, nor was the mixture We won't quote any more from the Etonian must	Conversion and the second s
The Time of it D 115 alone, from Mons to the Marne to fight the And rings out in that mothant	invented in the land of the Keisen TAL.	
the incure of the Dual Monarchy battle for France. There were no mubile as	use in China for centuries. It has been in or two from Rudyard before he took the empire and	and the state of the second
criminations nor journalistic laments. Lond	Irish stew is a dish utterly unknow nin the Emer-	Now is the tin
Une inevitable result of the war will be the brook Allchener went to Paris in strict incomite and	the end of the state of the sta	
his interesting out and		winter selling
the second the second the second the	Pen means a feather. A steel ren is, therefore, a An' we made the beggars cut, ""	
		experts are at
per, less than one-third, or but 9,1771,000 are Ger. work of a very different urgency than that of	Rice paper is not made from rice, but from the We give the bloomin' butt."	
mans. The remainder consists of Czechs and Slo sentimental wanderings in Alsace; a greater The lonely mother's deadly there	pith of tungtsau, or hollow plant, so called because Mr. Kipling should save Tommy from the school-	assist you in pre
mans. The remainder consists of Czechs and Slo sentimental wanderings in Alsace; a greater The lonely mother's deadly faars	It is hollow when the pith has been pushed out. masters.	folders, and ot
vaks, 5.955,000, Poles 4,352,000, Ruthenes, 3,381,000, harmony between the authorities, a closer co- Her soul with angulah smit	The second se	
Slovenes 1.192,000, Italians 727,000, Serbs and Croats operation between the allied troops, was' as- But spirit triumphed over tears-		quirements. ::
11.000. and Koumanians 230,000. In Hungary and Sured, and the heroic British army companyed		
of a total population of 20,886,000 only 10 000 000 Hanked by soldiers of the first order A new		large stock of
are Magyars, the ruling class. Germans number spirit was infused into the French army die		velopes, bought
2.000,000, Slovaks 1.967,7000, Roumanians 2 040 000 couraged by the timid attitude of the meaning the business plaint,	If you are not already a Subscriber to the JOURNAL OF CO.M.MERCEtha	
Ruthenes 472,000, Croats 1.882,000, Sarba i to and Who, by a great mistake, had been sont to the		as possible, aga
Jews 932,000, and others 469,000.	Business Man's Dailyfill in the Coupon	increase to our ci
Out of the total population of 49.400000 them and spirit infused was the spirit of victory This to		
17 Del openie belonging to been in the second in the secon		your printing m
The firming and Manager	The an authorited to a second se	
lift shows that these stores while and spat,	You are authorised to send me THE JOURNAL OF COMMERCE	Based of the Art of the state of the state
	icr One Year from date at a cost of Three Dollars.	
"Jocki ye'll dae ver bit!"		
their brothers in Russia, the Ruthenes are part of "Henceforward let him be called the Accuraed Kal-		A state of the second se
and and propie of the UKraine-the southwast son Wilhelm the Downed arts the to the	Write Plainie	************************
and an an an and an		
	Name	The Industrial & Educ
	T WITE	i inc maustrial & Fan
		Printing Depart
these is Boris and Moltenerro and so n await they Waterlow where the ment of the standards! Don't you hear the call?	Address	

Germans. The Slavs ind their vandalism: but their doom is before them: they and Mölltenegro and so on await their Waterloo; when the word will ring Nearly two-thirds of the peo-around the universe. To hell with the Hohenzollerns and the Hapsburbs." "-Louisville Courier-Journal.

Roll up, and "dae yer bit"

Ho, laggards! Don't you hear the call? How will you answer it? Your Mother Country needs you all-