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## Confusion About Germs

Writes Bertrand Russell in the New Statesman and Nation. — "We are still lamentably ignorant, but we have become 'germ-conscious,' occasionally, indeed, to ludicrous excess. Some well-brought-up children during the Great War confused Germans and Germans; having been inspired with a wholesome horror of both, they imagined them as one fearful race of bogeys. P. G. Wodehouse, in one of his books, tells of a small boy, who, after being kept sealed up all his life in an aseptic nursery and shielded from all contact with the dirty external world, met his father one day, and asked in horror, 'Are you a germ?'"

To the uneducated, however, the germ is still insufficiently terrible. I heard recently of a woman who took her month-old baby to see a family of cousins who were suffering from measles with the deliberate intention of infecting it. She thought it would be better for the baby to "get it over young." The baby's measles developed into pneumonia and it died; whereupon the woman wept a great deal and said it must be the Will of God.

Instances could be multiplied a thousand times. Anyone who has had much acquaintance with uneducated people knows that public attempts to improve their health have often encountered furious and superstitious opposition; this must continue to be so until physiology and hygiene are made compulsory subjects in all schools."

## R.C.M.P. Promotions

Observes the Winnipeg Free Press — "Public interest in recent promotions and assignments in the Royal Canadian Mounted Police has been gratified by the recognition accorded Superintendent H. J. Martin and Superintendent A. H. L. Mellor.

Both these officers have long service in the Mounted Police, and each has made himself singularly fortunate in his relations with the public. Colonel Martin efficiently and courteously administered the Manitoba Provincial Police for some years, in an interlude in his career after his war services. Superintendent Mellor has enjoyed a long experience of pleasant associations with the west. His transfer to Ottawa as assistant director of the Criminal Investigation Bureau regrettably takes him from Winnipeg, but he leaves accompanied by the goodwill of all those who appreciate the consideration with which he has endeavored to perform duties often delicate and invariably distressing."

## Amateur Golfer

He pelts the pill.  
O'er dale and hill,  
And gets a thrill  
Exotic:  
Yet should he sink  
One in the drink,  
He must become aquatic.

By breezes fanned,  
Knee-deep in sand,  
He takes his stand,  
In trouble;  
And blasts the ball,  
To have it fall  
And bounce among the stubble.

By now we gage  
He's hit the stage  
Of violent rage,  
Yet limber:  
And wraps his club,  
Like any dub.  
In frenzy 'round the timber.  
Brooklyn, N.Y. — Harry McKenzie

## Relative Of Great Oil Magnate Lives In Alberta

Blackie, Alta. — Receipt of a copy of the Rockefeller family history by Fred Rockefeller, a farmer who has lived in this district for the past 20 years, has proved he is a distant relative of John D. Rockefeller, the oil magnate.

Since the time of Johann Peter Rockefeller, their common great-great-great-great-grandfather who migrated to New England from Germany, in 1720, half a dozen variations of the spelling of the family name have crept in. In 1870, the history shows, Johnson Peter's forefathers escaped from France with a number of Huguenot families. At that time the name was Requefeuille.

Under the Rockefeller Family Association, whose membership numbers 2,000, a fund has been established by which any one of that name may obtain a higher education. John D. Rockefeller and his brother paid the costs of compiling and printing the history.

Most of the Canadian members of the family live in Ontario, but a few have migrated to the western provinces.

Los Angeles, Calif. — It has often been said, many times jokingly, that women were hesitant to tell their ages. The preliminary data being compiled for the complete statistical summary of "American Women" indicates that present day American women are proud of their ages. Eighty per cent of the biographies already received give the date of birth.

## SHE PLAYS ORGAN AT 75 YEARS

### Takes Kruschen to Keep Rheumatism Away

Writing to tell how she keeps her activity, this wonderful old woman states: — "My hands were becoming so crippled that I had to give up piano and organ playing—and almost entirely gave up knitting. I have been using Kruschen Salts for nearly two years, and am very pleased with the result. Last August I played two church services on the organ, and hope to do so again this August. My fingers are nearly straight, and quite supple, and I am 75. I have recommended Kruschen Salts to many people." — A. A. C.

The six mineral salts of Kruschen have a direct effect upon the whole bloodstream, neutralizing uric acid, which is the recognized cause of rheumatism. They also restore the eliminating organs to proper working order, and so prevent constipation, thereby checking the further formation of uric acid and other body poisons which undermine the health.

# HAVE YOU HEARD

WHY  
You golf my man  
You fish and hunt  
Sport news you scan  
From back to front,  
You like this life  
With thrills so rife,  
Let's add no strife:  
But why this wife?

The theme song of the ambitious young man who marries a girl with a job is: "It all depends on you."

Barber:—Shall I go over it again?  
Victim:—No, I heard it all the first time.

Babies are more intelligent than you think, as soon as they land in this old world they set up a howl.

Hero:—Cur! Where are those papers?  
Villain:—They are at the blacksmith's.

Hero:—Ha! So you're having them forged?  
Villain:—No, I'm having them filed.

Editing a paper without ruffling anybody's feelings is like fishing without a hook on your line—you get lots of recreation but no results.

Old Neighbor (ignorant of nationality of his neighbor):—A deplorable sign of the times is the way the English language is being polluted by the alarming inroads of American slang. Do you not agree?

His Neighbor:—You sure slobbered a bitful, mister.

Most of the girls are moved to tears when the housemaid quits and their mother has to do all the work.

Wife (on honeymoon):—Do you remember our first meeting?  
Hubby (a dentist):—Shall I ever forget it? That heavenly afternoon when we were together for two hours and I extracted two of your darling little teeth!

Nothing makes a fellow feel so good as the nice things they say about him after he's dead and gone!

Sambo:—Liza, you remind me of all de world of brown sugar!  
Liza:—How come, Sambo?  
Sambo:—You am so sweet and so unrefined.

June:—Has she a perfectly good husband?  
Bess:—Yes; she is a widow.

Man is just like the old-fashioned bour-glass—he is no earthly good without some sand.

Frances:—That romantic Miss Pasleigh says there is a secret connected with her birth.  
Mabel:—That's true—it's the date.

The only fellow sure these days of the place he has to fill in the world is the dentist.

Warden:—We must set you to work. What can you do?  
Forger:—Give me a week's practice and I will sign your checks for you.

for DANDRUFF  
and Falling Hair, use Minard's exactly as you would any hair tonic. Do this 4 times a week and the result will be a  
Clean Head and Glossy Hair

MINARD'S  
"KING OF PAIN"  
LINIMENT

## Moderation Above All Things



Robert A. Thieme, celebrates his 103rd birthday by looking over pictures and marriage licenses of the fifteen wives he outlived. He says he owes longevity to moderation.

## RIPLEY ASTONISHES AN EDITOR WITH TALE OF BOOK RETURNED

(From the Hamilton Spectator) The other day the encyclopaedic Ripley astonished his readers with an account of a borrowed book returned after 50 years. We all remember our school days when we used to write on the flyleaf of even detested volumes: "Steal not this book for fear of shame for here you see the owner's name"—an impressive admonition, not always effective. Book-lovers who read the Ripley item would be glad to get back books, even after 50 years. For they know from sad experience how hard it is to lay hands on books loaned in weak or generous moments to certain individuals.

What book-lover has not given a favorite volume to an acquaintance, never to see it again! In his eagerness to share a treasure, the unscrupulous bibliophile parts with it readily. He meets the acquaintance again and asks him how he likes it. "O.K." is the reply. "I am just half way through the first chapter." That, indeed, is as far as borrower and lender ever get. The book is always to be, but never is, read. The borrower is always so busy.

The lender eventually comes to the conclusion that his enthusiasm for a favorite author has cast a momentary spell upon the borrower. And the possession of the book, alas, has broken it! So after several polite attempts to induce the borrower to return the volume, he resigns himself to fate. He gives up all thought of possessing his own copy, or goes and buys another. Only the secret never, somehow has the charm of the first.

It is not easy to deal with the would-be book borrower. If you put him off, he returns like a boomerang. Try to interest him in something you do not greatly value and he sees through your subterfuge in a moment. He seems to have been brought up on these patent medicine advertisements which warn us to accept no substitutes.

The only way to deal with these people — and the bibliophile, after bitter experience, gets to know them by instinct — is to tell them gently, but firmly, that you are going to re-read the book—which is true, else there would be no sense in keeping it—and refer them to the admirable facilities of the public library. They may be disappointed and even suspect you, for they cannot imagine any one wishing to re-read a book.

## FARM FLASHES

Canada is one of the few countries which is in a position to increase her exports to Great Britain, owing in part to the quota of imports allotted to her, and the import quota and restrictions applying to foreign countries.

Canada supplies New Zealand with some of the soups used both for measuring the usual half-globe portions of ice cream and for rectangular portions to be inserted between wafers.

Canadian exports to the Irish Free State in 1934 showed an increase in 1933. In view of the recent legislation of the Free State restricting the imports of flour and encouraging the home production of flour from Irish wheat, it is anticipated that there will be a substantial demand in the future for Canadian hard wheat for blending.

A judicious use of flowers is urged by the Quebec Tourist Bureau to make rural hotels even more attractive, since there is nothing so restful as beds of flowers in front of and around buildings in both town and country.

A sharp reduction of eight per cent in Canada in potato acreage for 1935 is indicated, according to official estimates. This reduction would bring the 1935 area in potatoes back to the 1933 level. The main reductions are in the provinces of Nova Scotia, New Brunswick, Prince Edward Island, Quebec and Ontario.

Which suggests why they do not return the books they borrow. They do not value them!  
With the true book-lover as borrower, the case is different. He has a fellow-feeling for you. He knows how he feels about his books. He returns your volume promptly and in good condition. But it is not always easy to distinguish the Philistine. Hence there is always a tendency for a literary group to become a secret society.

## Revenue For May Shows Decrease

Ottawa. — Customs and excise revenue was down \$2,627,590 for May, as compared with the corresponding month in 1934. The figures were released recently by the Department of National Revenue. The totals were \$19,915,361 for last month, and \$22,542,952 in May, 1934. Against this decrease, however, was an increase of \$14,947,917 in income tax returns.

The total increase in income tax revenue for the two months of the present fiscal year was \$14,508,815, and the decrease in customs and excise was \$2,133,987.

## Diversion Of Thames River Is Approved

London, Ont. — Diversion of the Thames River in the vicinity of Trafalgar street to its old channel to eliminate the existing sharp curve and the erosion at the foot of Front street, has been approved by the unemployed relief branch as a relief work project. Official notice has been received from Toronto. The council must next obtain sanction of the Ontario Railway and Municipal Board to authorize the expenditure estimated at \$26,000.

The board will sit here shortly to validate other relief work costs totalling \$700,000, and it is likely the diversion project will be brought up at the same time along with the new \$20,000 program for storm sewers and street improvements.

Some men look their age, and some don't—but a woman almost always overlooks hers.

Canada exported to all parts of the world during the month of March, 1935, farm machinery and implements to the value of \$412,199. Included in the exports were 1,859 dozen spades, shovels and parts; 8,933 disc harrows and parts; 3,434 disc harrows; 656 cultivators; 529 harvesters and binders; 216 mowing machines, and 81 hay rakes. The value of these exports for the 12 months ended March, 1935, amounted to \$3,567,258.

## Gain Is Shown By Holsteins

More Exported This Year, Byron Jenvey Tells Breeders

Windsor.—When the Essex County Holstein Breeders' Association held a field day at Walker Farm, Walkerville, Byron Jenvey, of Ingersoll, Holstein fieldman for Ontario, announced that there was a decided increase in the number of Holsteins registered this year, and also that more Holsteins had been exported this year than for some time past.

L. P. Wigle, M.L.A., and prominent Holstein breeder in the county, also spoke. Other speakers were: Angus McKenney, agricultural representative, and S. Riddick, manager of Walker Farms.

Issue No. 26 — '35

## Gas Direct From Coal Mine

### Experiments Made By Soviet Engineers

Fully sixty years ago the Russian chemist Mendeleev predicted the coming of the day when gas would be generated at or in the coal mine and piped hundreds of miles to cities. Scores of imaginative technicians repeated the proposal. Among them were such lights as the late Sir William Ramsay and Z. Ferranti.

Undeterred by what they regard as technical bugaboos and unhampered by the vested interest of gas companies (most Russian cities know nothing of coal gas as a domestic or industrial fuel), the Soviet engineers are boldly pioneering in a field in which there has been more talk than action. Experiments have been conducted since 1926 both in the Kuznetsk region in Central Russia and in the Vaucaucas.

So far as this commentator can gather from the available literature, the first efforts completely satisfied the "I told you so" skeptics. Smoke came out of the mine, but even when it was cleaned, the product bore no resemblance to coal gas. Then an engineer named Grindler appeared. For two years he has been at work in the Kuznetsk area. To him must go the credit of having made the first promising experiments.

EXPERIMENTS IN KUSNETZK In Kuznetsk, gas coal of high quality is found at a depth of 90 to 100 feet. Grindler sank two shafts sixty feet apart to a seam seventeen feet thick. Then through the coal he dug a rectangular tunnel six and a half feet high and five feet wide to connect the two shafts. It was not a straight tunnel, but shaped like half a pentagon. Compressors forced air down one shaft and fans sucked out the products of combustion from the other.

For a month Grindler saw only smoke coming out. But he let the coal burn. Eventually the temperature rose so high that neighboring strata were heated. Just what he wanted. The tunnelled vein and the surrounding rock and clay were now a gigantic underground retort.

At last gas came off—real coal gas. It was poor. Only 600 to 1,500 calories to the cubic meter. The next month its heating value rose to 2,000 to 2,400 calories to the cubic meter. Grindler piped it to the furnace of a boiler and raised steam with encouraging results. As the steam continued to burn, gas with a heat value of about 5,000 calories to the cubic meter came out of the mine—good enough to burn in the kitchen. But will the quality be maintained? No one knows as yet.

QUALITY OF THE GAS. Four distinct zones can be delineated in the underground retort. The first is a furnace. The products of combustion are carbon dioxide, carbon monoxide and hydrogen—a sort of producer gas which has a temperature of about 1,000 degrees F. In the second zone coke is formed at a temperature of about 1,200 to 1,800 degree F. The gas generated is largely methane of high calorific value. From the third zone comes a gas poor in hydrogen. In the last zone the coal is simply dried.

In the Caucasus entirely different experiments are being conducted. The coal is ground—an expensive proceeding. To raise the temperature the air pumped into the seam is enriched with oxygen. Sometimes the oxygen is omitted and the pressure increased.

The Soviet engineers frankly admit that they have by no means solved a fascinating but exceedingly difficult problem and that they have encountered the predicted obstacles. It is hard, for example, to adjust production automatically to suit the demand, hard to evaluate the part played by moisture in the mine, hard to purify what gas is obtained, hard to get out the coke left in the mine. The nice control to which chemists of a city gas plant are accustomed disappears.

## Sees Canada Going Ahead

More Abiding Prosperity Forseen By C. M. A.'s New President

Hamilton.—"A great advance has already been made from the depths of the depression and with the resources of Canada and the enterprise and industry of her citizens, we have every reason to anticipate a continuing advance towards a more abiding prosperity," declared Wilson S. Mordecai, K.C., Toronto, newly elected president of the Canadian Manufacturers' Association here recently. Referring to mechanical improvements, he said the remedy was not to return to hand labor.

MECCA  
OINTMENT  
THE FAMILY FRIEND

Better Papers  
in a  
Better Booklet



By way of trial and error the road to progress on sound lines would be found, he declared.

"Whatever its faults and drawbacks, the present unplanned system represents the slow growth of human endeavor through the centuries, and under the impetus of personal initiative and personal freedom it has within a short space of human history made a four-fold increase in the standard of living," he said.

## Old Advertising Agency Makes Change In Name

Announcement is made in the Ontario Gazette that the change of name of The Press Bureau Limited to The Ardiel Advertising Agency Limited has been sanctioned by the Lieutenant-Governor. Durnig the past five years Mr. Lorne Ardiel has been the President of the agency, utilizing his wide knowledge of Canadian markets, distribution and business conditions to enhance the type of service given to the Company's clients.

## Mosquitoes

### Some Suggestions For Control

Much interesting information was given by Arthur Gibson, Dominion Entomologist, at the recent annual meeting of the New Jersey Mosquito Extermination Association on the notable work of the Entomological Branch of the Dominion Department of Agriculture in mosquito control in Canada. As in years past, the officers of the entomological service have assisted materially in advertising and directing various campaigns in co-operation with municipal, civic and other authorities throughout Canada. These entomologists have not only evolved practical methods of control and extermination, but also numerous effective repellents for use under all sorts of conditions. Ten repellents which have proved their efficacy since their introduction a few years ago were mentioned by Mr. Gibson as having been again subjected to a series of comparative tests by officers of the Branch. Following the tests the repellents were classified as follows:

- (1) Those which may be used on tender skin: (a) Dunn's No. 1—Oil of citronella, 3 ounces; spirits of camphor, 1 ounce; oil of tar, 1 ounce; oil of pennyroyal, 1/4 ounce; castor oil, 4 to 6 ounces.
  - (b) Bacet and Talbot's No. 4 (fumes troublesome to eyes); oil of eucalyptus, 2 ounces; liquid carbolic acid, 4 drops; oil of citronella, 2 ounces; castor oil, 3 ounces.
  - (c) Dunn's No. 4 (fumes troublesome to eyes); gum camphor, 3 ounces; salol, 3 ounces; petrolatum, 4 ounces.
  - (d) Howard's No. 2—Oil of lavender, 1 ounce; alcohol, 1 ounce; castor oil, 1 ounce.
- (2) Those which may be used on the arms of where the skin is less tender—(a) Dunn's No. 2—Oil of citronella, 2 ounces; castor oil 2 ounces; oil of pennyroyal 1-8 ounce; (b) Howard's No. 1 (greasy)—oil of citronella, 1 ounce; oil of camphor, 1 ounce; spirits of camphor, 1 ounce; oil of cedar 1/2 ounce; (c) Dunn's No. 2 (dirty)—oil of tar 2 ounces; castor oil, 2 ounces; oil of pennyroyal, 1-8 ounce.
  - (3) Those which may be applied to clothing through which mosquitoes

## Classified Advertising

TIRE AND BICYCLE BARAINS  
\$2 UP; BICYCLES \$10 UP, TRANSPORTATION PAID. Free catalogue. Toronto Tire, 125 Dundas West, Toronto.

## THREE FREE PRIZES

A framed landscape water color painting by Giff Baker. Valued at \$10.00.

A box of personal stationery, consisting of 100 sheets and 75 envelopes, with an address printed on paper and envelopes, valued at \$1.75, or embossed effect, valued at \$3.00.

A box of personal stationery consisting of 24 sheets and 24 envelopes, valued at \$1.00, or embossed effect, valued at \$1.75.

Send a 3 cent stamped envelope for full information.

GIFF BAKER  
39 LEE AVENUE  
Toronto, Ont.

144<sup>50</sup> return fare THIRD CLASS TO EUROPE

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Cosy public rooms and cabins... excellent food and plenty of it... good sun decks... happy days of sport and fun... fine steady ships.

Apply to your local agent or to 217 Bay Street (Opp. 2471) TORONTO

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