

Curl in the Pig's Tail

Last year Canada sold to Great Britain 195 million pounds of bacon, equivalent to 1,600,000 hogs. The curl in the pig's tail appears to be assuming the shape of the \$ sign.—Kitchen Record.

A Stream of Talk

The average man talks two hours out of every twenty-four at the rate of 150 words a minute. He utters some 450,000 words a year. The authority doesn't say so, but we presume he is talking of single men.—Chatham News.

What Chance Has It?

The latest scientific aid to safe driving is a red light on the dashboard which warns motorists when they approach grade crossings. But if they won't heed tooting whistles, ringing bells and wig-wagging signals, what chance has a little red light?—Windsor Daily Star.

Help to Farmers

Agriculture is at last to receive greater recognition. The prosperity of the province depends so much upon the well-being of the farmer that it would be nothing short of criminal now that the money is available, not to recognize the demands of the farming community for greater assistance in placing agriculture in a better position to play its full part in the development and progress of the country.—St. Thomas Times-Journal.

Wants Less Provincial Power

We may not always agree with Denton Massey, M.P., but we can see some validity in his claim that Canada is in danger of becoming "Balkanized." He, like most of us, sees provinces seeking to assert too much authority with a consequent danger to federalism. There is such a danger. There is far too much emphasis laid on "provincial rights," which usually means a reaching out for federal powers. Probably what is needed is less provincial power. There is a growing body of public opinion, which even believes it might not be a bad idea to abolish the provincial governments altogether, with consequent saving in taxes and trouble.—Niagara Falls Review.

A Changing Ontario

In Middlesex and Lambton counties rapid changes are taking place. The sons of the old pioneer families are not staying on the farms. They are selling out in many cases to the New Canadians of alien origins. In Lambton County, particularly near Alvinston, there is a large settlement of Czechoslovakians who have bought out old farms. They are making excellent settlers. They are happy just now that they are living in Canada and not in Czechoslovakia. The majority of new settlers are anxious to take out citizenship papers and to become good Canadians. They are ready to adopt our ways and our customs. Possibly in the end it is not such a bad thing to have an infusion of new blood. In any case, whether we like it or not, the Western Ontario of a few decades from now may be an entirely different Western Ontario from that of our day and generation.—London Free Press.

Tissues Outlive Organism Growth

Animal and plant tissues both can live on, celebrated Botanist Announces

Living tissues have the power to survive long beyond the life of the growing organism. This was demonstrated in the case of animal tissues by Dr. Alexis Carrel, who kept tissues from an embryo chicken heart alive longer than the greatest life span of a chicken. The culture is still alive at the Rockefeller Institute after more than a quarter of a century.

Blossoms Alive For Months

Dr. Carl L. LaRue, of the department of botany, University of Michigan, has demonstrated that it is possible to keep plant tissues alive 365 times as long as they would survive in the plant. He took portions of the blossoms of plants which have but a short span of existence under natural conditions and placed them in a nutrient culture medium, similar to that in which germs and other micro-organisms are cultivated.

Exchange Tours For School Boys

TORONTO.—The Scottish Secondary Schools Travel Trust, which last year sent Scottish boys on a trip to Canada, has made arrangements for two tours of Canada for Scottish schoolboys for this summer. In the 20 days to be spent in this country, the boys will visit Quebec, Montreal, Ottawa, Toronto, Niagara Falls, and other centres.

Spaghetti Shooting

"I went crazy because I was offered spaghetti instead of steak for my supper." A man offered this explanation recently to Chicago police after shooting his 17-year-old daughter and wounding his 21-year-old son. He missed his wife.

Walking For Ten Years

The most energetic man in the world has been walking for 10 years. He started in 1927 to walk round the world. Now he has completed 80,000 miles—more than three times the earth's circumference.

The Arctic Tern Flies Very Far

Long-Distance Champion — In Three Months One Globe-Trotting Bird Flew From Labrador to Nigeria.

Now that the northern bird migration is getting under way, the vast distances which these travellers cover in flying to and from their nesting grounds is a topic of current interest. The powers of endurance displayed by large numbers of North American birds on their lengthy migratory journeys is amazing, but there is one species that out-rivals them all. This is the Arctic tern, aptly referred to as "the champion globe trotter and long-distance flyer of the bird world."

Circumpolar Range. The species is well named, as its range is circumpolar and it nests over the Arctic land as far north as suitable conditions can be found. When the young are well-grown the Canadian and Greenland terns disappear from their breeding grounds and a few months later may be found even as far away as Africa. In fact the longest flight on record for an individual bird was achieved by an Arctic tern that in three months flew from the coast of Labrador to the Niger River in Southeast Africa.

Traverses Atlantic. The journey of the terns is believed to follow a route touching upon the west coasts of Spain and Africa, and on the return trip northwards individuals are known to fly along the east coast of South America. The route indicated for this bird is altogether unique, as no other species is known to breed abundantly in North America and to traverse the Atlantic Ocean to or from the Old World. These globe-trotting birds travel many thousands of miles and touch on four continents in the course of a year.

Don't Skate On Ice

When ice skaters skim along over a smooth stretch they are not actually sliding on ice but on water. The ice melts under the skates, due to the friction, and the skates move along on a thin film of water. Increased pressure, as all physicists know, also melts ice, and the weight of the person on skates provides pressure which combines with the friction to change the ice to water.

Longevity Of Canadians Is Steadily Increasing

Life Expectation In The Dominion Is Shown By Latest Figures To Be Higher Than In Either The United States Or Great Britain.

Investigations into longevity tend to reinforce the Biblical dictum that the span of life is three score and 10, the Dominion Bureau of Statistics announced this month as official life tables for the general population of Canada were issued for the first time.

It seems that today, in Canada particularly, there are far more people attaining the allotted span than ever before in history but there are not appreciably more centenarians than there were 100 years ago," the bureau said. "The decreasing mortality at younger ages is a token of the vastly smaller amount of illness among young people today."

More Years In Prospect. Based on the 1921 census, which was the first to compare deaths with living population in order that probabilities of dying could be reckoned, the survey showed that the Canadian boy of five can look forward to 62.50 years of life. An English boy has only 60.00 years, and the American boy 58.25 years.

As a person grows older the expectation of life steadily decreases. When a Canadian youth reaches his majority he has in prospect 48 years to live on the average. When he gets to 49 he may anticipate living 32 years more. When he retires at about 65, he may expect to have a comfortable 12 years of retirement and die at 78. If he reaches 80 he should live six years more and even when he arrives at the century mark his expectation of life is two years.

Study of mortality in 15 countries, show that only two have a lower male mortality from ages 25 to 45 than Canada, these being Denmark and Holland. Chance of an Italian boy of five dying is 29 per cent, greater than that for a Canadian, of a Japanese boy 169 per cent., and an East Indian 637 per cent.

Healthy and Vigorous Elements. "In addition to our healthy climate, advanced facilities in medicine and public health and our standard of living, all of which undoubtedly con-

tribute to our remarkably superior longevity, there is the factor of selection through immigration," the report continued. "When large movements of population take place there is a tendency for the more healthy and energetic elements to move while the less healthy stay at home. Hence it is that Western Canada has the lightest mortality as the three provinces have received much of their population very recently."

New Process Makes Pictures On Metal

Photographs Produced In This Way Are Much More Accurate

The Aluminum Company of America disclosed last week at Pittsburgh that it has perfected a method of making pictures on metal which was expected to be more enduring and more accurate than those taken on paper.

It presented the first portrait made by the new process to Dr. Paul D. Merica, whose research work on the precipitation hardening of alloys led to a more diversified use of metals.

Do Not React To Changes. The pictures are made on a patented metal about one-sixteenth of an inch thick, which contains an oxide coating, with the sensitive silver salts that react to light. When exposed to light sent through a negative an image is produced on the metal.

A spokesman said the metal pictures have proved more valuable for aerial surveys, where a surface, absolutely accurate, was needed.

He explained that a slight change in temperature causes contraction or expansion of paper pictures, and that such slight distortion would bring about a grave miscalculation of distances. The metal pictures do not react to such changes, he said.

Whales have been known to break their jaws on the ocean bottom, after a mile deep dive.

Trafalgar Square Sees Another Demonstration



Twenty thousand jammed London's Trafalgar Square recently to protest against the German annexation of Austria. Here are mounted and foot police tackling a deputation seeking to take a letter of protest to the German Embassy. Eventually a few were allowed to pass and deliver the letter. The crowd was shouting "Hands off Czechoslovakia!"

Scenes Recall Klondike Days

Yellowknife, N.W.T., Now Packed With Seekers After Gold

EDMONTON.—Scenes reminiscent of Dawson City during the Klondike rush, are being enacted at Yellowknife, N.W.T., centre of the gold field on the north shore of Great Slave Lake, Leonard E. Drummond, secretary and manager of the Alberta and Northwest Chamber of Mines, said. He just returned from a 10-day aerial inspection trip of far north mineral areas.

Airplanes Bring Men In

"Airplanes are bringing men in daily who are seeking work and the work hasn't started yet," he said. "The result is there is no hotel accommodation for the new arrivals. Men are forced to undress and dress almost in public. It's almost like the Dawson days."

Mine managers in Yellowknife, Gordon Lake and Goldfields, whom he visited during his tour, asked him to issue a public warning to work-seekers not to consider going into these areas yet as it will only add to the difficulties and work will not start until the summer, Mr. Drummond said. Commenting on the activity in the north, Mr. Drummond said "there's no question it will be a big year."

Walking For Ten Years

The most energetic man in the world has been walking for 10 years. He started in 1927 to walk round the world. Now he has completed 80,000 miles—more than three times the earth's circumference.

News In Review

To Control High-Power Stations. OTTAWA.—It was the ultimate policy of the Canadian Broadcasting Corporation to take control of all high-power broadcasting in Canada, L. W. Brockington, chairman of the Board of Governors, told the Parliamentary Committee on Radio.

Some permits had been granted for private stations with power up to a maximum of 1,000 watts, but no increases would be permitted above that maximum, to private stations, Mr. Brockington said. Eventually it was the intention to restrict private stations to "purely local functions."

The Heart of Europe

VIENNA.—The political heart of Europe no longer beats in Paris, but in Berlin. Propaganda Minister Goebbels of Germany declared this week in an Anschluss plebiscite campaign speech.

"In ten years' time, it will be understood what that signifies," he said. Appealing for a 100 per cent. vote by Austrians in favor of union with Germany in the April 10 plebiscite, Goebbels said that grave decisions taken by Chancellor Hitler—leaving the League of Nations, remilitarizing the Rhineland and absorbing Austria—were all full of risks.

Warns of Depression

OTTAWA.—Right Hon. R. B. Bennett sounded a warning in the House of Commons this week that Canada was on the verge of a depression similar to that of 1930. The Opposition Leader charged that "the danger signals are already flying," and that the upward trend of the past three years had suddenly

stopped. The signals to which he referred, he said, were that exports had fallen off drastically, that unemployment was "growing by leaps and bounds, 25,000 in one month," that business men were refusing to invest money because they lacked confidence.

Must Have "Fundamental Change"

BERLIN.—Highly placed Nazis remarked privately last week that only a fundamental change in Czechoslovakia's inner political structure could rescue that country's independence. Discussing Czech Premier Milan Hodza's assertion that Czechoslovakia was "ready to do her share" in reaching a friendly accord with Germany, Nazis said the time for weak promises had gone.

Estimates Up \$36,717,668

OTTAWA.—Government expenditures in connection with drought relief and feed and cattle salvage on the prairies, particularly in Saskatchewan, accounted for the bulk of the further supplementary estimates, amounting to \$36,717,668, tabled in the House of Commons this week by Finance Minister Dunning.

Landslide

GATINEAU POINT, Que.—More than 4,000 tons of earth and stone, forming part of a 50-foot hill on the east shore of the Gatineau River one mile north of here, crashed into the river last week, carrying with it a section of the Gatineau Point-Ironside Highway. Spring rains and melting snow were believed to have loosened the earth.

More than 1,000,000 persons attending evening classes in England this winter are studying over 200 subjects covering practically every art, science and craft.

News Parade

Commentary on the Highlights of the Week's News... By Elizabeth Eedy

INSIDE PRESSURE—By taking over Austria, Reichsfuehrer Adolf Hitler's chief gain has been the increase of his own prestige with the German people at a time when their faith in him badly needed bolstering. His Austrian coup has served for the moment to distract German minds from the army purge, mounting unemployment, shortage of food essentials, loss of personal freedom.

Observers say that the move is accomplishing little in the way of bettering the desperate economic conditions of the Reich. Austria, too, is deficient in foodstuffs and raw materials, has to import between 700,000 and 800,000 tons of grain a year to feed her people. The resources present there in any sort of abundance are iron ore and timber, which Hitler and his financial advisers plan immediately to exploit. By selling the iron ore and timber outside the country, they will be able to hoard more foreign capital and stave off economic collapse for the present.

The seizure of Austria is then only a stop-gap, a temporary measure, to be followed by moves much more drastic, infinitely more brutal. Inside pressure drives Germany outside herself, forcing the country on and on to further and still further aggression. There is no foundation for the hope that Hitler will stop where he is.

DOG EAT DOG—It won't be long now before Poland, having won the first round of a bloodless fight with Lithuania, by forcing that country to accept Polish terms in settlement of a border dispute, will be making new demands of her neighbor. The truth is that Poland would like to annex Lithuania, thereby gaining more outlets on the Baltic. It is pretty generally agreed that Poland, supposedly an ally of France, has been backed up in the Lithuanian dispute by Germany in return for a promise of Polish support for some other moves Hitler has in mind... one of which might be a boycott of Czechoslovakia.

Professor Albert Bushnell Hart of Harvard, dean of American historians, however, is of the belief that Germany is actually planning to annex Poland. Case of dog eat dog, we opine.

HOLDING IT UP—It was admitted by Prime Minister Mackenzie King in the House last week that the reason the present session has not dealt with the proposed amendments to the British North America Act (empowering the Federal Government to enact unemployment insurance legislation) is that three of the nine Pro-

vinces have failed to communicate with him, giving their views on the matter.

The draft of the proposed amendment was submitted to all Provincial Governments, January 20. New Brunswick and Quebec had not up to this week acknowledged receipt of the draft.

NORMAL CROP—From the drought areas of southwestern Saskatchewan are coming reports of water flowing in creek beds, rivulets and lakes, storing up greatly-needed water. At Regina it is said the country has received the largest amount of moisture in many years. Further, it has been an open spring with a rapid thaw of heavy snow in many parts.

A "normal" crop is looked for by the farmers of Saskatchewan. Prospects long seen hopeless are brightening again. It will be a wonderful thing for Canada if the West really is beginning to "come back."

SCAPEGOAT—In primitive times, high priests of religion were wont to place all the blame for plagues, defeats in war, sins of the people, on some innocent animal, for instance a goat, which they put to death with great ceremony. When the goat had been killed, the cause of the evil was supposed to have been removed and expiation made. Hence the origin of "scapegoat."

Though we are far from primitive times today, we still have our scapegoats. It looks as though Ex-Chancellor, Dr. Kurt von Schuschnigg of Austria is going to be one of them.

Branded now as a traitor by Adolf Hitler, he will be tried for treason against the German Reich, in Leipzig this summer. The court proceedings, it is reported, will be public and widely publicized on purpose to prove to the world that all the blame for Austria's plight rests on Schuschnigg's shoulders. Germany hopes that the death of Schuschnigg on the chopping block will silence all criticism of the Nazi annexation.

CHINESE HIT BACK—Counter-thrusts by Chinese armies are resulting in victories over the Japanese throughout the entire Central China front. Reports last week had it that Generalissimo Chiang Kai-Shek himself was at the central battle front in personal charge of the drive. Certainly it is definite that the Chinese, have met with striking military success in Shantung, Shanxi and Anhwei Provinces.

It is still too early, however, to predict that the tide is turning against Japan.

You Can Switch On The Weather

British Air-Conditioning Invention Gives You Choice of Heat-wave or Frost

A machine for controlling weather sounds like something out of an H. G. Wells fantasy. But actually the ingenuity of man has given birth to such a device.

You want a fresh spring day. You're tired of March winds and want a heatwave? Or perhaps you'd like nice crisp, frosty weather with a touch of snow. Pull down a switch on the machine—which is known as an all-year-round Conditioning Plant—and your wish is fulfilled.

Connected With Outside Air. Right in your own room you can have what you want. You don't have to go outside to switch on a heatwave and so clash with the Robinsons next door who prefer a gentle balminess.

The plant looks like a radiogram, and was designed and made in Great Britain. It has left the Americans, pioneers in air conditioning, miles behind, so they say. It is connected with the outside air by a tube, and every hour distributes nearly 17,000 cubic feet of filtered and reconditioned air in the room in which it is working. Controls consist of a couple of switches, and the running cost is claimed to be about half that of an electric fire. The plant can be fitted into an ordinary office or house, and already about 400 have been installed and are manufacturing such weather as their owners prefer.

British Eat Most Meat In Europe

Average Consumption, 140 Lbs. Per Year Per Head

The British, with an average consumption of 140 lbs. of meat a year, are the greatest meat-eaters in Europe, according to the Rome International Institute of Agriculture. Next come the Danes, with an average of 137 1/2 lbs., then the Germans with 104 lbs. of meat a year. Italians eat only 35 1/2 lbs. per head a year.

Argentine Beats The World. But Britain, land of roast beef, lags far behind some other countries. The world's greatest meat-eaters are the people of the Argentine, with an average consumption of nearly 266 lbs. a year. Australians and New Zealanders consume 201 1/2 and 228 1/2 lbs. a year respectively. The consumption in America is just about the same as that in Britain.

Tribesmen who live in a wild state, however, make civilized folk look small when it comes to meat-eating. Some are known to eat more than 2 lbs. of meat a day, and they wash this down with a pint or two of blood.

Fish For Whale; Sharks To Help German Industry

By-Products to Supply Many Necessities In Germany—Skins Used For Leather And Albumen Is Used For Wool.

BERLIN.—In its struggle for raw materials, which it cannot secure at home and cannot pay for in foreign exchange, the Third German Reich has turned its attention to the sea as an important free and unbounded source of supplies of certain useful products.

Germans in early years were not accustomed to eat much fish—they preferred meat. During the last few years propagandizing "Eat more fish" has done much to change this, and, even more, the better organization of the fish trade as far as inland towns are concerned and the marketing of this food at cheap prices.

Special Fleet of Ships

The shark is also expected to contribute its share to German self-sufficiency. A special fleet of ships recently left Hamburg to capture sharks in the Caribbean Sea. Shark skin is used, as leather, its fins are considered a delicacy by the Chinese and so their sale helps to bring in the needed foreign exchange, while the rest of the fish is made into fish-meal, of which 60,000 tons are expected to be produced this year. Since it is now forbidden to give grain as fodder for pigs (it is required for feeding the population), this fish-meal is mixed with potato-fodder to provide the albumin necessary for pig-raising.

Many By-Products

But the uses of fish as food for human beings and animals is only part of its contribution to Germany's self-sufficiency. An albuminous fibre, called "fish-wool," has already been produced which in combination with cellulose from wood (80 per cent. cellulose and 20 per cent. fish albumen) gives a yard claimed to be tear-proof, warm and can be dyed like, and is cheaper than, natural wool. The future production of "fish-wool" is expected to replace cellulose wool for many purposes, and so reduce the present heavy demands upon the German forests for supplies of wood cellulose.

In the shop windows today, many articles made from new raw materials are on sale. Among them may be seen books bound in codfish leather, gloves made from the same materials, which seem so soft and fine as antelope leather, etc., whale fish leather which has been substituted for lizard skin in shoes.

After more than three years of secret experiment, Germany's new "people's motor car," to sell at \$225, is being shown in Berlin and is claimed to carry four people comfortably at 60 miles an hour.