

THE JARVIS RECORD

Published every Thursday morning at its office in the Record Building, Main Street, Jarvis' Ontario. THE RECORD PRINTING COMPANY LIMITED

THURSDAY, JULY 19, 1923

Here and There

A Jersey cow owned by a Montreal man has broken all Canadian records by producing 1,200 pounds of butter in a year.

The average annual per capita consumption of fire in United States is \$2.28, while Canada loses \$2.73 per capita by fire. Spain, \$1.86; France, 97 cents; England, 84 cents; Germany, 28 cents, and the Netherlands, only 11 cents.

Bungalow Camps in the wilds of Ontario have been opened by the Canadian Pacific Railway Company at French River, Nipigon, and near Muskoka, Lake of the Woods.

Traffic through the Lachine Canal during the month of June showed an increase of two million bushels of grain and one hundred thousand tons of coal with increases in pulpwood, produce and passengers over the same month of the previous year.

The wheat crop of Alberta and Manitoba has progressed so well on account of the abundant moisture of the early season that farmers, business men and railroad companies are preparing for a harvest in excess of the record one of 1915.

Prince Rupert, B.C., claims the world's best record for a one trip fish catch. A fishing schooner arrived at this port recently after being at sea 14 1/2 days, with 38,000 pounds of halibut, which sold for a net that netted each man of the crew of five \$727.80.

In the Province of Ontario, it is estimated the lumber cut in 1922 amounted to 309,000,000 board feet, and in addition 289,113 cords of pulpwood. The Province of Nova Scotia cut 125,000,000 feet, New Brunswick 210,000,000 feet, and British Columbia 273,148,000 board feet.

The Dominion Express has just effected a shipment from Hamburg to Kobe, Japan, in 32 days. The average time consumed between the same two points via the Suez Canal is 40 days, and the saving thus made by the Canadian route will be of great importance in helping make this country the road between Europe and the Orient.

The total value of the pelts of fur-bearing animals taken in the Dominion during the season of 1921-22 was \$17,433,906, an increase over the previous year of \$7,287,273, or 72 per cent, and the number of pelts of all kinds was 4,366,790, an increase over the previous season of 46 per cent. These figures comprise pelts of animals taken by trappers and pelts of ranch-bred animals.

Tests of ceramic clay resources in British Columbia are being planned this summer by the British Columbia Government. The tests will be made under the auspices of the Department of Education and the Department of Industries. There are many varieties of clays in British Columbia and some are reported to be particularly suited to the manufacture of high class pottery ware.

A reduction of express rates on westward moving business between Europe and Canada was announced by the Foreign Department of the Dominion Express Company recently. This reduction on westbound shipments follows a similar cut on shipments from Europe to Canada made a little while ago, and amounts to a reduction of approximately twenty per cent. on the trans-oceanic trip. The rates came into effect on July 9 between all points in Canada and Europe.

The Banff-Windermere highway, the last link in the 6,000-mile chain of good roads which extend from the heart of the Canadian Rockies to California and return is now open to motor traffic, having been officially opened on June 30th by the opening of a ribbon at Kootenay Crossing in the presence of a number of Federal and Provincial Government officials and a host of automobile tourists. The completion of this road has rendered accessible the most beautiful scenic country on the continent.

Killed Fish in River.—For throwing bottles filled with lime and water in the Thames river here, causing explosions for the purpose of poisoning fish, Andrew Young of West Oxford and Lloyd Rockett of Norwich, were each fined \$50 by Magistrate Patterson.

Local authorities, as well as Overseer Caldwell of the Game and Fisheries Department of London, have had their suspicions aroused for some time as to what was transpiring along the Thames near here. Large quantities of dead fish were to be observed almost daily, and it was rumored that dynamite was being used. An investigation was begun, and on Friday night Overseer Caldwell caught Young and Rockett in the act of throwing the "explosive" bottles into the river. Accused admitted throwing the bottles in the river Friday night, but claimed that they had not committed previous offenses.

THE WOODEN NECKTIE

Sweater Coats, Stocking and Neckties from Spruce Trees.

Wood Cellulose Furnishes the Lustrous Thread—Dyed and Woven Like Silk—Man and the Silk Worm—Chemically These Products Are Much the Same.

(Contributed by Ontario Department of Agriculture, Toronto.)

We all wear silken ties, and think or care little of the source of the material from which the tie was made. You may doubt the statement that the tie you are wearing came largely from a poison gas, carbon dioxide, a compound that is ever present in the air in which we live and breathe. Silken ties should be beautiful, since such are born of a remarkable parentage, an invisible compound from mother and a sunbeam for father. If we walk into the spruce forest where the tall trees reach toward the sky, we pause with wonderment and ask how did it all happen. We can spend an interesting moment in tracing the development of the tree.

Much So-Called Silk Comes From Spruce Trees.

The tiny seed of the spruce, nursed by mother earth and bathed in the warmth of the sun, springs to life and pushes its tiny stem and leaves out to the light and air, out to the air that contains the carbon dioxide from which our tree will draw most of its substance for growth—out to the sunlight that activates the chlorophyll green of the tiny leaves, setting to work the chain of processes that make wood growth. Layer upon layer, the wood cells are added as the tree develops. Every new leaf increases the growing capacity of the little tree, doing its part in the transformation of the carbon dioxide gas to sugar starch and cellulose, the compounds in wood cell structure.

Wood Cellulose Furnishes the Lustrous Thread.

Wood cellulose is the tree material used by the manufacturers of silk, the lustrous silk of commerce, to make the silken threads that we all like to touch. The lumber-jack cuts the tree, the pulp-maker by chemical processes reduces the wood to flakey white cellulose. The next is nitration. This is done by treating the cellulose with a mixture of nitric and sulphuric acids in solution, taking care not to overdo the digestion process, and then thoroughly washing the pulp tree from the active acid agents. The nitrated cellulose is then mixed with alcohol and ether, reducing it to the condition of viscous colloid. Next it is filtered carefully and forced through minute orifices in a glass plate and on into a water bath where the fine threads solidify. As the threads solidify such are passed over a roller and into another bath containing a reducing agent known as ammonium sulphide.

Dyed and Woven Like Silk.

Passing on from this bath our silken threads are dyed and woven

and spun to be used and twisted into larger threads. To have the silken threads we must give them color, so into the dye bath they go. This done, over the drums the threads pass to dry, by a route that leads to the spool or spinnet. Here fingers operate the knitting or weaving machine, an artist's mind controls those human fingers, which in turn control the forces that unite the colored silken threads into articles of wearing apparel such as sweater coats, neckties, and stockings.

Man and the Silk Worm.

What is the connection between artificial silk and natural silk. It is very close; so very close that the expert chemist is frequently called in to decide on samples and determine if the product of man's art and industry or that of the silk worm. Man goes to the tree for his raw material, so does the silk worm. Man uses chemical agents and a machine of his own invention; the silk worm can't help it since nature gave it a body structure and a digestive system that would convert the green leaf of trees to silken cocoon covering threads.

Chemically These Products Much the Same.

Chemically the product of man's endeavor and the silk-worm's work are much the same. Few will know at first glance if your woollen stockings, woollen necktie, or woollen sweater coat were made possible by the art of man or the green sweater so much loved by the people of the Orient.

Keep the trees growing, boys, that we may never want for silk clothes.—L. Stevenson, Director of Extension, O.A.C., Guelph.

Needful Minerals In Feed.

The common dairy foods containing the most lime are the legume hay, cowpea, clover, alfalfa and soy bean, that from cowpeas containing the most. These which contain the most phosphorus are wheat bran, wheat middlings and linseed meal in the order given. None of the concentrates contain as much lime as the legumes do, and no roughage contains as much phosphorus as the concentrates named.

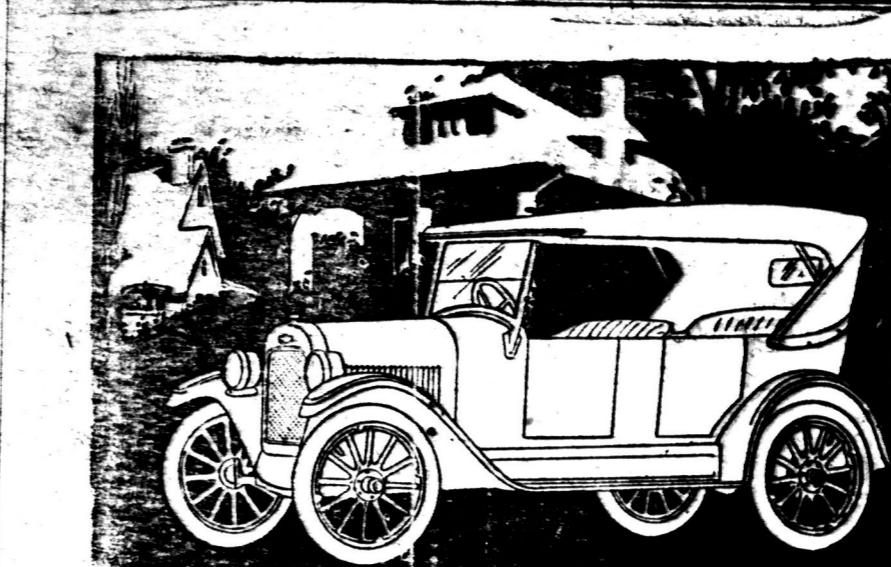
MINERS ARE WARNED.

There Must Be No Suspension of Coal Supply This Year.

WASHINGTON, July 2.—Warnings that public sentiment "will tolerate no suspension of the anthracite coal supply this year" were served upon coal miners now in session at Scranton, Pa., by the United States Coal Commission. The warning was contained in a letter signed by Chairman John Hays Hammond, urging the miners to seek an understanding with the coal operators.

Mr. Hammond told the miners, who are in session considering new wage demands, that the public expected an agreement and expressed the hope that both the workers and the mine operators would recognize their duty to the public.

"The commission hopes," Mr. Hammond wrote, "that the prompt and satisfactory response received to



Chevrolet Leads All Other Cars In Economy of Operation

CHEVROLET National Economy Week has proven beyond all question of doubt that Chevrolet cost of operation is lower than that of any other car in the world. Any Chevrolet owner was eligible to enter this contest to obtain the highest mileage on three gallons of gasoline. Though all returns are not yet in, the average gasoline mileage of those contestants so far heard from is even higher than we had expected. Watch our ads. for final results showing averages on complete returns, as well as for announcement of winners of the \$1,000 in cash prizes.

Ask About the G.M.A.C. Plan of Deferred Payments

BOOTH and POND

The suggestion in the matter of the bituminous contract will be repeated in the negotiations about to be undertaken in the making of an anthracite contract. "The public," the letter adds, "expects an agreement and we have full confidence that both miners and operators will recognize their duty to the public and will be able to effect a speedy conclusion." The miners are informed that the commission's report on the anthracite industry will be completed in a few days and forwarded to them for study and approval that in the meantime we urge upon both sides that in addition to the welfare of each, that



THERE were 1021 forest fires reported in Ontario last season. The vigilance of the fire rangers kept 53 per cent. of these down to a size not exceeding five acres. But yet the total area burned was over 346,000 acres—equal to a strip of forest one mile wide from Toronto to Cochrane.

Accordingly, the problem of forest protection in Ontario calls for the co-operation of the whole citizenry of the Province. If reasonable care be exercised by everyone in the woods to prevent the start of fire, our forests will be safe. Railway officials, campers, prospectors, lumber firms, settlers, construction firms—all can help by being careful of fire in the woods, and by joining hands with the press, the leaders of public opinion, and the business men of Ontario, in prompting educational propaganda to reduce forest fires.

Of the total number, only 52 were lightning fires. In other words, out of every 100 fires, 59 fires were due to man's carelessness and were preventable.

Save Ontario's Forests

Ontario Forestry Branch, Parliament Buildings, Toronto, Ont.

CHURCH SERVICES

St. Paul's Anglican—
VEN. ARCHDEACON IRVING, Rector.
Services at 11 a. m. and 7 p. m.
Monday, 4.30 p. m.—Junior Auxiliary in Schoolroom.
Tuesday, 2.30 p. m.—Women's Auxiliary.
All are cordially invited to attend these services.

Knox Presbyterian—
Services at 11 a. m. and 7 p. m. Sunday.
V. P. S. Friday at 8 p. m.
You are invited to these services.
Choir practice Friday at 9 p. m.

Wesley Methodist—
REV. G. SMITHERMAN, Pastor.
Services at 11 a. m. and 7 p. m.

Garnet Methodist—
1.30 p. m.—Sunday School
2.30 p. m.—Church Service.
Epworth League and Prayer Meeting on Friday evening at 7 p. m.

Unclassified Want Ads.

FOR RENT—Comfortable house in Jarvis. Apply Jarvis Drug Store.

FOR SALE—Chevrolet 490; in good condition; cheap. Apply Morrison's Garage. 19-3p

FOR SALE—In Jarvis, eight-roomed house, barn, large chicken house, and garden; several fruit trees; two good wells; can be bought cheap; cash or easy terms. Apply A. Whibley, Simcoe P. O. 19-3p

FOR SALE—Honey in the comb for sale at John Ivey's. 12-3p

FOR SALE—A quantity of Red Currants and Gooseberries. Three boxes for 25 cents on the bushes; Find your own containers. Robert Miller, Jarvis. 5-3p

The Jarvis Butcher Shop

Choice Lines of Fresh and Cured Meats always in stock.

POULTRY IN SEASON

THOS. HARRIS
Main St., JARVIS

Notice to Creditors and Claimants

In the matter of the Estate of Sydney Henry Juggins, Late of the Township of Walpole, in the County of Haldimand, Farmer, Deceased. NOTICE is hereby given pursuant to R. S. O. 1914, Chapter 121, Sec. 56, that all persons having claims against the Estate of Sydney Henry Juggins, of the Township of Walpole, County of Haldimand, Farmer, who died on the second day of May, 1923, are required to deliver to Mercantile Trust Company of Canada, Limited, 11 Main Street East, Hamilton, Ontario, administrator of his estate, on or before the 30th day of July, 1923, full particulars of their claims and any securities held by them, duly verified by Statutory Declaration. AND take notice that after said 30th day of July, 1923, the said Administrator will proceed to distribute the Estate having regard only to claims of which it shall then have received notice. DATED this 27th day of June, 1923. Mercantile Trust Company of Canada, Limited by S. E. Lindsay Its Solicitors

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