

Cheese on Top.

Some Facts Regarding a Great Canadian Industry.

Rise and Progress of the Canadian Dairy Cheese Business.

What Has Been Accomplished in Cheese May Be Done in Butter with Co-operation and Care.

Mr. J. D. Clarke, of this city, at the request of the London Board of Trade, recently wrote the following article for publication in the widely-circulated journal, "Greater Britain," published in London, Eng. It appears in the last issue: I write in the thriving city of London, the chief place of business in Western Ontario, and the leading mart for cheese intended for export from Canada. Few citizens of Great Britain who find it profitable to buy Canadian cheese know how great a dairy country Canada has become in recent years, or know how the revolution from old individual methods to co-operative cheese-making was brought about; and fewer still are aware of the opportunities presented to progressive old world farmers in the fine agricultural center of which this city is the business capital.

It will be the purpose of this article to present such facts regarding the progress of the Canadian cheese industry as may be of interest to the wide constituency of readers of Greater Britain. Early in the century several Englishmen established dairy farms in Western Canada, but, in the absence of easy means for reaching the world's market, they only made cheese enough to supply the local demand. That this part of the Western world afforded excellent facilities for producing the best of cheese and butter, those pioneer dairy men amply demonstrated. And though dairying advanced but slowly in the half of the century, their published evidence assisted not a little in the subsequent development of the mighty industry.

The pioneers of the better methods of dairying in Canada obtained not a little encouragement from their neighbors in New York State, and more especially from the famous dairymen of Herkimer county. How small the beginnings from which progressive dairying sprang may be shown by the recital of the fact that the man who first set the business moving in Herkimer, N. Y., walked into New England, on foot from far-off New England, little over 100 years ago, possessed only of the virtues of health and strength. He built a log house, borrowed a cow, and married a Chestatee girl, who made the first cheese in the dairy State. The man's name was Arnold, and he died deservedly rich, honored and respected.

It was not till 1851, however, that the system was inaugurated in New York State which was destined to revolutionize the cheese industry on this continent. It was brought about by accidental circumstances, as many a great reform has been. Jesse Williams, a farmer living near Rome, N. Y., who had proved himself to be a first-class cheese-maker, contracted with his son, then just married, and entering on a farm on his own account, to have the cheese of both farms marketed together. The price per pound was the price then given for the best cheese. After the contract was completed, the son expressed his fears that he would not be able to supply as good a product as his father. It was arranged that the father should go and make the cheese every day. This proving too hard a task, the son agreed to take his milk daily to his father's milk-house.

I have mentioned these facts to show by how simple means the factory system of cheese-making was inaugurated on this continent, and because it was a progressive farmer from Herkimer county, N. Y., who first established a cheese factory in Canada. I refer to the late Mr. Harvey Farrington, who came to the adjoining county of Oxford in 1864, and in that year marketed the first factory-made cheese in Canada. It was soon made evident that the co-operative system was the chief thing needed to the successful making of cheese for export.

The factory system spread all over the Province, and now there are to be found hundreds of co-operative cheese-making establishments patronized by thousands of farmers. They dot each township, and are conducted with much success. It is found to be far more profitable for farmers to club together and have their milk delivered at the central factory; there it is made into cheese by an expert, who is in possession not only of the cleanest buildings, but of every facility for the proper manufacture of the dairy product. Nothing is lost, as each farmer takes his share of the whey, which is fed to pigs, and is considered an excellent fattening food.

So great has been the success of the factory system of making cheese that a strong effort is now being made to establish co-operative creameries in the Province, and there are the best grounds for the belief that butter-making for export, which has been largely neglected since the era of factory cheese-making came in, will find its place alongside of the twin industry, and be carried on with equal success.

In the fine agricultural district of which this city is the center there is ample scope for the talents of the progressive dairymen now doing business, as well as for many newcomers.

A reference to the statistics shows that our cheese exports for last year—1891—represented 106,220,142 pounds, valued at \$9,568,800. This year, it is expected the monetary returns from cheese will be at least \$10,000,000. Yet in 1866 the value of our cheese exports was but \$423,494. By 1868 the exports had increased five-fold. In 1873 our exports of cheese brought \$2,280,412; in 1878, \$4,121,301; in 1888, \$8,928,242. It will be observed that the impetus to exports began with the introduction of the factory system, and has continued to steadily increase, year by year, ever since.

This enormous development could not have been maintained but for the constant assistance of the dairymen's associations in Western and Eastern Ontario, and the financial assistance of the Governments of Ontario and of the Dominion.

Experts are employed to help the dairymen in reaching the best conclusions; inspectors are appointed to see that nothing is left undone to keep the factories in good condition and the milk pure.

not tell you that it is evidently the intention of those either directly or indirectly interested to maintain this proud pre-eminence.

It is recognized on all hands that it is quality that tells, and that you had-headed Britons of the old land buy the best article that it is possible to obtain at the lowest prices, and trashy products will not, for any length of time, be sought after at a paying price. It would have been impossible for our cheese manufacturers to more than hold their own in Great Britain, and latterly to ship their choicest products in earthen jars and in air-tight boxes to Yokohama, Hong Kong, and other marts in the far east, if they had not scrupulously striven to provide an article that would meet the desires of the most fastidious.

There are many reasons for believing that the dairy business in these parts, especially in so far as butter production is concerned, is capable of enormous expansion. It affords superior advantages to old country farmers with capital who may desire a change of scene, and who may wish to remove to a portion of the New World where the advantages of civilization can be fully enjoyed.

TOPICS OF TO-DAY.

A new luminous fungus has been forwarded to Europe from Tahiti. It is said to emit at night a light resembling that of the glowworm, which it retains for a period of 24 hours after having been gathered, and it is used by the native women in bouquets of flowers for personal adornment in the hair and dress. It is believed to grow on the trunks of trees.

Ceylon is sending to the Chicago Exhibition a complete reproduction of a Buddhist temple and many interesting specimens of ancient Singalese art, including, according to the Ceylon Observer, "exquisitely carved pillars, massive doorways and daces, beautiful windows and frescoed panelings of courts." There will also be, among other things, a display of jewelry, lace and pottery.

The estimate of the city of New York for municipal expenses during 1893 is \$37,444,154. The heaviest item in this is for the police, \$5,309,886. The board of education calls for \$4,480,448; the fire department gets \$2,223,133, and street cleaning is down for \$2,200,000. Public works are expected to cost \$3,014,020, and public parks \$1,090,455, while \$2,223,425 is down for charities and correction, and \$1,305,117 goes to charitable institutions. The interest on the city debt amounts to \$4,948,582. State taxes and the levy for State schools, which is over and above the board of education charges, amount to \$3,554,458.

The Century Magazine for January has a fine engraving of Whittier as frontispiece. The Great Wall of China and its surroundings are described in papers by Romyon Hitchcock and N. B. Denny. Elizabeth Pennell furnishes another picturesque sketch of travel among the Pyrenees of Southern Europe, and Alice C. Fletcher writes entertainingly on "Personal Studies of Indian Life." A portrait of Whittier is drawn with characteristic delicacy of touch by Elizabeth Stuart Phelps. Mark Twain's tale, "The simple of droll story telling. There is a capital, several strong bits of fiction, complete and serial, in the number, besides a variety of articles on miscellaneous topics of interest.

An examination of the British Board of Trade returns for the past eleven months of 1892 discloses the fact that the increase which has taken place in exports from Canada to the United Kingdom is due entirely to the revival in the timber and lumber trade. The value of the exports from Canada to the United Kingdom in 1892 was \$1,000,000 Bank Note. It is a capital example of droll story telling. There is a capital, several strong bits of fiction, complete and serial, in the number, besides a variety of articles on miscellaneous topics of interest.

The recent rush of gold seekers from Colorado, Utah, New Mexico and Arizona to "new diggings" in Colorado, where miners were reported to be picking up big nuggets of coarse gold ranging in weight from ten to fifteen ounces, illustrates the character of a large proportion of the population of the small towns in the mining States. Nobody in these places seems to be satisfied with life unless he owns an interest in a "prospect hole" or is a member of a "grubstaking" company. The pleasure of expectation is the main spice of life, and even poverty is brightened by the possibility that a "lead" may be struck that will bring wealth galore to its discoverer. The lottery fever prevails unmitigatedly in the mining country, but it is the turn of the pick instead of the turn of either the wheel or the card that decides the fate of the investor.

Our Little Men and Women for January sparkles with the brightest of bright things, written by such favorites as Mary D. Erice, Warren H. Frych, H. W. F. Olive Harper, Lavina S. Goodwin, Greta Byrre, Beth Gray, Hal Alstyne, Elizabeth Cumings and Laura E. Poulsen. It has stories about "Three Little Gold-Diggers," "The House We Live In" (an ingenious way of teaching physiology), "A Little Columbian Grandpa" (and a "cute" little fellow is it), "How Borgia Forgot Her Christmas Tree," "All About Dolls," and stories which tell of the Wonderful North, with verses and pictures to fit into playtime and bedtime—amuse and divert, while they teach and instruct. Price \$1 a year; 10 cents a number. D. Lothrop Company, publishers, Boston.

It was the late King Theodore of Abyssinia who once thought to bestow honor upon Queen Victoria by offering her his hand in marriage. The matrimonial overtures of his dusky majesty did not elicit a response from the court of St. James. Whether or not the Queen was willing to be a sister to Theodore, her Government took his orphan boy under its wing after Theodore saw the British sealing the heights of Magdala and shot himself. The young man has since been living in England, though the ways of civilization do not seem to agree with him. At least he has followed the example of too many of the Queen's own subjects by getting up, notoriously drunk and landing in a police court where he was fined the ordinary day, like an ordinary mortal, for disorderly conduct. Some barbarous notions of royalty do not seem to thrive when they are taken to England to acquire erudition

and live on a pension. Alamyon, the heir of another dusky monarch who fell before the British arms, dropped and died in the trying English climate while his tutor was making a civilized young man of him. Duple Singh, the heir to the throne of the Sikhs, was favorably impressed by the British schools, not the size of his quarterly allowance. When he struck for higher wages he was turned adrift, and lived on his pained jewels until he was partly restored to favor, two or three years ago.

The discovery of another Gospel is an event of no ordinary significance. Yet this is what is claimed in archeological circles. There is now in the museum at Gizeh, Egypt, a parchment of 33 pages, bound in old leather, which purports to be the Gospel of St. Peter. The document is pronounced by experts to be not older than the eighth nor younger than the twelfth century. It was found lately in an old Christian cemetery in the "City of the Dead," Akhimm, a town on the Nile of 10,000 population. The document appears to be but a fragment of the complete Gospel, and begins at the scene before Pilate; the first words being translated as follows: "But of the Jews no one washed his hands, neither Herod, nor any of the Judges, nor the Senate washed their hands. Pilate arose, and Herod the King commanded that the Lord should be given to the sufferings of Christ on the cross. The portents of nature during the crucifixion are also religiously described, as also the burial of Christ, the rolling away of the stone by angels and the resurrection, the description being in general harmony with the other Gospels. A full description of the document is given in Theol. Literaturblatt, of Leipzig, No. 48, which is translated and condensed for the Literary Digest. The world will doubtless view such a document with incredulity, and it will take strong evidence to compel its acceptance as a part of the Scriptures, and to give to it an equal place alongside the other Gospel narratives. There has been in England lately such a wholesale fraud perpetrated in the forging of autograph letters of prehistoric men and of rare books and manuscripts that we may well ask whether this sort of fraud may not even have extended to such documents as this, and the foisting of them upon archeologists as genuine.

Rebecca Wilkinson, of Brownsville, Ind., says: "I had been in a distressed condition for three years from Nervousness, Weakness of the Stomach, Dyspepsia and Indigestion until my health was so low I bought one bottle of South American Nerve, which did me more good than any \$50 worth of doctoring I ever did in my life. I would advise every weakly person to use this valuable and lovely remedy. I consider it the grandest medicine in the world." A trial bottle will convince you. Sold by John Callard and all druggists.

Bishop Horstman, of Cleveland, O., is endeavoring to introduce the English language exclusively into all the preaching services in the churches of his diocese. Strengthening the Memory: Depression—My memory is getting weaker and weaker every day. Brown—I can give you a remedy. "What is it?" "Lend me \$50."

A Wonderful Cure.—Mr. David Smith, Coe Hill, Ont., writes: "For the benefit of others I wish to say a few words about Northrop & Lyman's Vegetable Discovery. About a year ago I took a very severe cold, had a violent sore on my lips, was bad with dyspepsia, constipation and general debility. I tried every conceivable remedy, outwardly and inwardly, to cure my sore but all to no purpose. I had often thought of trying Northrop & Lyman's Vegetable Discovery, so I got a bottle and when I had used about one half the bottle showed evident signs of healing. By the time that bottle was done I had no more dyspepsia and my general health was improving fast. I was always of a very bilious habit and had used quinine and lemon juice with very little effect. But since using three bottles of the VEGETABLE DISCOVERY the biliousness is entirely gone and my general health is excellent. I am 60 years old. Parties using it should continue it for some time after they think they are cured. It is by far the best health restorer I know."

First Boy—That there coal combine works bully. Second Boy—How? First Boy—Makes coal so high-priced that pop carries it in himself, 'cause I'd scatter it. Among the pains and aches caused by rheumatism, neuralgia, sciatica, etc., especially subject to it, and the desirability of this Oil as a family remedy is enhanced by the fact that it is admirably adapted not only to the above ailment, but also to the hurts, disorders of the bowels, and affections of the throat, in which the young are peculiarly subject.

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She—Dudes haven't more than half sense. Mr. Sappy—Aw, yes, Mr. Sappy, are there no exceptions? "O, yes, Mr. Sappy, some have none."

A man's wife should always be the same especially to her husband. He is weak and nervous, and uses Carter's Little Liver Pills for them. They will make her "feel like a different person," at least to they all say, and their husbands say too.

The reason the piano is such a sympathetic instrument is because it is greatly touched every time it is played. Carter's Little Liver Pills must not be confused with common Cathartics, for they are different persons. At least to they all say, and their husbands say too.

There is one good thing to be said in connection with the season for good resolutions: it comes nearly six months ahead of day-time.

How to Cure Ailments Diseases. No internal medicine required. Cures, tetters, eczema, itch, all eruptions on the face, hands, nose, etc., leaving the skin clear, white and healthy. Its great healing and curative powers are possessed by SWATNE'S OINTMENT. Lyman, Sons & Co., Montreal, wholesale agents.

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SHEEP.—My neighbors' dogs have chased my sheep and have been known to chase other sheep. I have no feed them. What is the legal remedy? ANS.—You can take proceedings before a justice of the peace under section 11, chap. 214, Revised Statutes of Ontario, and obtain an order to have the dog killed; or you can proceed under section 16 and have the owners or keepers of the dogs fined \$250 for neglecting to kill the dogs within 48 hours after notice to him or them of his or their dogs having chased or worried your sheep.

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