

BRITISH COLUMBIA PULP AND PAPER

GROWTH OF THE PAST
TEN YEARS.

Province Possesses the Largest
Remaining Stands of Pulp-
wood in the World.

The birth and development of the pulp and paper industry in British Columbia has been phenomenal. A decade ago not a single ton of pulpwood, mechanical or chemical, was manufactured in the Pacific Coast province; in 1919 the total value of the products of this industry amounted to \$12,554,257. Today British Columbia stands third among the provinces of the Dominion in the amount of capital invested in the industry. The surprising rate at which this has grown in the last few years and is continuing to grow, is indicated in the jump effected between 1917 and 1920 of from \$22,584,452 and \$50,000,000 in 1920.

This is a remarkable history of development of what will doubtless become one of the most important industries of the Pacific Coast, but it is more than probable that the next decade will exhibit still more rapid expansion. Great Britain and the United States are drawing the greater part of their paper supplies from Canada, and eyes are turned to British Columbia, possessing as it does the largest remaining stands of timber in the world suitable for the production of pulp and paper. The province's annual export to Australia already amounts to more than 20,000 tons, whilst the demand for pulp from the far east far exceeds available supply.

Nearly Three Hundred Million Cords. Of the 370,370,000 cords of pulpwood estimated to exist in Western Canada, British Columbia is credited with 235,370,000 cords, consisting of spruce, western hemlock, and balsam, whilst for the coarser grades of pulp a certain amount of Douglas fir is used. It should also be observed here that British Columbia is highest among the provinces of the Dominion in the average production of pulp per cord of wood, the mechanical process giving an average of 2.485 pounds. Today there are only seven plants in British Columbia producing pulp—groundwood and chemical—and new plants are being built at a rapid rate. No other industry offers such boundless opportunities of development. In addition to the enormous areas of suitable timber are the tremendous unharvested water powers awaiting utilization, which are estimated at 3,000,000 horse power. The temperate climate of the Pacific Coast gives assurance of open harbors the year round, whilst apart from the demand in the United States, there is an unlimited market for the product of the mills immediately across the ocean.

No Export Embargo on Raw Product.

This may be instanced from the fact that the entire pulp product of one of the largest mills on the coast goes to Japan for manufacture there into newsprint. Up to the present time the Provincial Government has placed no embargo on the export of the raw product.

British Columbia is producing sufficient newsprint to supply the whole of Canada, taking the most recent estimates of the annual consumption of 120,000 tons. Figures of the province's output of pulp and paper of all kinds for 1919 were as follows: sulphite, 80,047 tons; sulphate, 9,473 tons; ground wood, 98,769 tons; paper, newsprint, 123,607 tons; wrapping, 7,202 tons. In newsprint production British Columbia already stands third among the Canadian provinces.

From the standpoint of timber resources, waterpowers, climate, shipping, a bright future awaits British Columbia in the pulp and paper industry, and the coming decade will see it placed high among the paper producing sections of the American continent.

Peanuts in Baby's Bath.

When a new baby arrives in China it is the custom of the mother's parents to supply it with several outfits of clothing. If the baby's maternal grandparents are wealthy it is not unusual for them to furnish all its clothes until it is five or ten years old.

Though customs vary in different provinces, just as dialects do, it is a common thing when the child is three days old for the parents to present boiled eggs, dried red, to relatives, friends and neighbors, thereby signifying that they hope that their children will be as numerous as the eggs. Frequently the number of eggs given away totals 2000 or more.

For a baby's bath, two tubs of water are made ready, one for its body and one for its head. Dragon's eggs and peanuts are thrown into the water in both tubs, this being supposed to insure long life and success in all undertakings of the child's adult life.

It is customary for relatives to drop money liberally into the water.

Earliest Standing Army.

The earliest standing army in Europe was that of Macedonia, established about 355 B.C. by Philip, father of Alexander the Great. It was the second in the world's history, having been preceded only by that of Sesostris Pharaoh of Egypt, who organized a military caste about 1,600 B.C.

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It'll do the same work
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THE LEMING HILLS CO., LTD.
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RELIEVES PAIN

Boy Scout Notes.

Patrol Leader Frank B. Johnston, of the 64th Toronto Troop, Boy Scouts, has just been awarded the bronze medal of the Carnegie Hero Fund for saving Miss Daisy A. Hooper from drowning in Lake Simcoe. Scout Johnston was the highest award The Boy Scouts Association could give him—his Bronze Cross for Gallantry—some time ago.

Le Comité Américain pour les Régions Dévastées de la France, which conducted a large Boy Scout Training Camp at Compiègne, France, last summer, will next summer conduct five similar camps for French boys. Last year The Boy Scouts Association, the Boy Scouts of America, the two Belgian Scout organizations and the several Boy Scout Associations in France co-operated in this work and some 275 older boys and young men from the devastated regions of France graduated from this "Camp-école," as it was called. Mr. Frank C. Irwin, the Executive Secretary of the Boy Scouts Association for Ontario, represented Canada on the staff of the 1920 camp.

Charters permitting organizations to form Boy Scout troops are granted by the Provincial Council for Ontario, Headquarters, Sherbourne and Bloor Sts., Toronto. The conditions upon which charters are granted are, first, that the organization—it may be a church, a school, a community club, a parents' association, or any other group of citizens—will guarantee for one year adequate leadership and facilities; second, that it will endeavor to provide an opportunity for the members of the troop to spend a week or more in a summer camp; and third, that it will conduct the troop, through a Troop Committee appointed by it, in accordance with the rules and regulations of the Association. There are now nearly 250 registered Boy Scout Troops in Ontario.

Minard's Liniment for Dandruff.

Surnames and Their Origin

FRASER

Variations—Fraser, Frasier, Frazier. Racial Origin—Norman-French. Source—A locality.

This is another of the few Highland clan names which, though borne by Celtic families, trace back to an origin in Normandy.

All of these clan names were formed in the same way, by knights or nobles from the army of William the Conqueror, or the sons of such followers, who, either to strengthen the foreign relations of the conqueror, or because they were not satisfied with the spoils of war which fell to their lot in conquered England, sought their fortunes in the north at the court of the Scottish king.

They were, as might be expected, men with reputations as mighty fighters and as they were independent of blood relationship with the factions around the throne, they were, of course, welcome additions always to the royal Scottish organization.

But the Frasers, like the others, quickly formed alliances by marriage, and adapting themselves to the customs of the Gael upon receiving grants of land in the Highlands, rapidly assumed leadership of existing clans and gathered around them clan organizations which they strove to make more powerful.

The Frasers are found first settled in Tweeddale during the reign of Malcolm III. They got their foothold in the Highlands through marriages into families of the Orkneys and Caithness chieftains.

The original Norman form of the

Famous Last Words.

"I wonder if it's loaded. I'll look down the barrel and see."

"Oh, listen! That's the train whistle. Stop on the accelerator, and we'll try to get across before it comes."

"They say these things can't possibly explode, no matter how much you throw them around."

"I wonder whether this rope will hold my weight."

"It's no fun swimming around in here. I'm going out beyond the life lines."

"Which one of these is the third rail, anyway?"

"There's only one way to manage a mule. Walk right up in back of him and surprise him."

"That freckle must have gone out. I'll light it again."

"Watch me skate out past the 'Danger' sign. I bet I can touch it."

"These traffic policemen think they own the city. They can't stop me. I'm going to cross the street now. Let the chauffeurs look out for me."

"What a funny noise that snake makes. I think I'll step on him."

"I've never driven a car in traffic before. But they say it's perfectly simple."

"I think I'll mix a little nitric acid with this alcohol of potassium and see what happens."

WINTER HARD ON BABY

The winter season is a hard one on the baby. He is more or less confined to stuffy, badly ventilated rooms. It is so often stormy that the mother does not get him out in the fresh air as often as she should. He catches colds which rack his little system; his stomach and bowels get out of order and he becomes peevish and cross. To guard against this the mother should keep a box of Baby's Own Tablets in the house. They regulate the stomach and bowels and break up colds. They are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

It Never Fails.

Disraeli used to say that although he was always forgetting faces and never remembered their names, he had no difficulty in being pleasant to his followers in the House of Commons. "When I met somebody in the lobby whom I don't know from Adam and I see that he expects me to know who he is, I take him warmly by the hand, look straight into his eyes, and say, 'And how is the old complaint?' I have never known it to fail."

The laws of nature are not enforced by dilatory courts; your punishment begins the moment you break them.

COCHRAN

Variations—Cocoran, Coghrane. Racial Origin—Irish. Source—A given name.

The family name of Cochran holds a high place in the annals of ancient Ireland, prior to the Anglo-Norman invasion, in which it appears as "O'Cocran."

The name traces back through the O'Carroll, or the "O'Carroll" clan to Owen More ("Eoghan Mor" being closer to the old Irish spelling) or "Corra," meaning "red," hence the family name of "O'Cocoran," meaning "the descendant of the Red One."

In the year 1040 there was an O'Cocoran who was abbot of Iniscailte, renowned as the most celebrated ecclesiastic of western Europe, both for his religion and his learning.

But being among the most bitter and relentless antagonists the Anglo-Norman invaders of the Middle Ages had to meet, the clan of O'Cocoran suffered bitterly at their hands, and as the Norman sway extended the clan sank into a political insignificance that it was never able to overcome.

Cochran, Cocoran and Coghrane, with or without the prefixes "O" or "Mac," are merely anglicized versions of this family name, once powerful in the ancient Irish kingdom.

Magic in Names.

Is there any young person who has not from his reading derived a sense of the magic of the East? And if the reasons for his impressions were analyzed, would not the mere sound of names be found in large part accountable? Spicy odors, tropical jungles, strange beasts and reptiles and peoples, all play their part; but it is such words as Samarkand and Ind, Bosphorus and Bombay, Ceylon, Ganges, Kashmir and Himalaya, ringing poetically in the youthful ear, that fill the youthful mind with impulses of vague adventure. India more than any other Far Eastern land stirs the imagination—and is it not because it is so besprinkled and bejeweled with magical names, rather than because it has tigers and cobras and elephants in its forests? China does not have the fascination for youth that India has—perhaps because there is less romance in the singsong Chinese syllables. Hongkong, Yangtze, Shanghai, Honan have somehow the uncouthness of jargon rather than the ring of magic.

The Italians and the Spaniards have a happy gift for names. Cadenabbia, Bellagio, Verona and Lugano illustrate the Italian faculty for bestowing names that have cadence and charm. The best leggers that Spanish explorers and settlers left the New World is the names that still abide: Orinoco, Colorado, Vera Cruz and Monterey, to take a group almost at random, have a gorgeous majesty that is not to be found in any purely English names.

In fact, English names, whether of persons or of places, are rather deficient in the quality of charm. The English people have sought the quality of homeliness rather than that of magic in their names. In the Arthurian legends the names of Lancelot and Guinevere have the same sort of romantic charm as some of the names that are common among Italians and Spaniards; but it is the exceptional Englishman or Canadian that would wish to name his son Lancelot or his daughter Guinevere. Some of our most engaging words are used to designate commonplace objects. Was it not an Italian who declared that the most beautiful word in any language was an English word—and that it was cellar-door?

"Three-Pile" Games.

The outfit required is only three piles of cards for articles. At the beginning each pile may contain as many articles as the players wish, nor need the piles all contain the same number. Each player in turn takes as many counters as he pleases from a pile—all there are in that pile if he wishes,—but he can draw from that pile only at that particular play. The other player has the same privilege in his turn. He who takes the last counter may be either the winner or the loser, as the players may agree beforehand.

The numbers 1, 2, 4, 8, 16, 32, constitute the key to the game. Take out the largest key number that you can, then the next largest, and so on.

If in order to win you must take the last counter, play so that each key number that appears is found in two piles or not at all; thus, when the piles are 8, 6, 2, you take 4 from the pile of 8, to leave 4, 4, 2, 2.

If the last player is to be the loser, play so that each key number that appears is found in three piles or in only one. Thus when the piles are 8, 6, 2, you take 4 from the 6 pile, so as to leave 8, 2, 2.

"Pape's Diapiesin" Corrects Stomach.

"Pape's Diapiesin" is the quickest, surest relief for indigestion, flatulence, heartburn, sourness, fermentation or stomach distress caused by acidity. A few tablets give almost immediate stomach relief and shortly the stomach is corrected so you can eat favorite foods without fear. Large case costs only 60 cents at drug store. Absolutely harmless and pleasant. Millions helped annually. Largest selling stomach corrector in world.—Adv.

The Silence.

(November 11, 1920)

The soul of England trembles in this air. This air of England that our warriors breathed.

When in the valor of true hearts aware of England's need, they to her heart bequeathed. No cavernous deep.

Of nothingness is this. The air's stir To sound of shadowy voices. They who sleep.

Th' omnipotent silence wake. Though weeping blur. The vision of our vigil, Love may hear The voices of the loved. Love's legions lean.

From the celestial ramparts, and so near. They rest to England's heart, that on this scene Maybe they gaze content, and hear the toll.

Of bells that ring the psalm of England's soul.

The people to whom we are most grateful are those who raise our standards—who awaken in us generous impulses, who enrich us with spiritual gifts, and who make us resolve to express ourselves completely in service to others.

A twelve-cylinder auto is nice, but a one-cylinder sleigh, with a hot brick to warm the feet and a heavy fur robe over the lap, goes up the lane to the altar much quicker.

HOW TO BE HEALTHY DURING THE WINTER

Many Troubles May be Avoided
if the Blood is Kept
Pure.

Do not let your blood get thin this winter. For people who have a tendency towards anaemia, or bloodlessness, winter is a trying season. Lack of exercise, lack of fresh air, and a more restricted diet are among the things that combine to lower the tone of the body and weaken the blood.

As soon as you notice the tired feeling, lack of appetite and shortness of breath that are warning symptoms of thin blood, take a short course of treatment with Dr. Williams' Pink Pills. Do not wait until the color has entirely left your cheeks, until your lips are white and your eyes are dull. It is so much easier to correct thinning of the blood in the earlier stages than later. This is well illustrated in the case of Mr. B. M. Day, Newcastle Bridge, N.B., who says: "From my experience with Dr. Williams' Pink Pills I can most heartily recommend them. Some time ago I was badly run down and my blood seemed thin and watery, accompanied by the usual symptoms of this condition. A friend recommended Dr. Williams' Pink Pills, and after taking several boxes I felt like a new man."

You can procure Dr. Williams' Pink Pills through any dealer in medicine or they will be sent you by mail at 50 cents a box or six boxes for \$2.50 by writing direct to The Dr. Williams' Medicine Co., Brockville, Ont.

The Skipper's Only Fib.

The deep-sea fisherman often has a sharp tongue and is not likely to get the worse of a verbal duel. But George, the skipper of a Yarmouth trawler, who figures in North Sea Fishers and Fighters, by Mr. Walter Wood, certainly met with his match once whether he knew it or not.

"There's land people who come and bother you with foolish questions," he complained in recounting the hardships of a skipper's life. "I try to put 'em off, but can't allus do it. There was an old lady who worried me past endurance with her questions, asking if the howlin' were caught in barrels, as she'd sometimes seen 'em that way in shops. I told her no, and then she aggravated me to that extent that I told the only fib I ever spoke in my life."

"How do you kill 'em when you've caught 'em?" she asked.

"We bite off their heads," I answered.

"She looked at the catch of herrin' we had. 'My! My!' she murmured, walkin' away. 'How tired your poor jaws must be!'"

Electric Tree.

In the forests of Central India a tree has been discovered which has most curious characteristics. The leaves of the tree are of a highly sensitive nature, and so full of electricity that any person who touches one of them receives an electric shock. It has a very singular effect upon a magnetic needle, and will influence it at a distance of even 70 ft. The electrical strength of the tree varies according to the time of day, being strongest at midday, and weakest at midnight. In wet weather its powers disappear altogether. Birds and insects never approach it.

Germans Pour Into Japan.

German residents in this country are steadily increasing in number, says a Tokio despatch. As compared with pre-war days the number has already been practically doubled, it is said.

Most of the newcomers are engineers or technicians. According to the same authority, toys, chemicals and dyestuffs worth more than 10,000,000 yen have been imported from Germany since the peace.

(Signed) Ellison Gray, East Kempville, N.S.

Noted Woman Hunter.

Few big game hunters in the Yukon are as well known as Mrs. W. W. Dickenson, a middle-aged woman who has hunted moose, caribou, deer, mountain goats and bears for many years in immense stretches of territory which are still marked unexplored on recent maps of the far North.

Esquimos Once Lived South.

Fossil remains have shown the likelihood of the early existence of Eskimos as far south as New Jersey.

MONEY ORDERS.

Send a Dominion Express Money Order. They are payable everywhere.

Improved Monoplane.

A monoplane has been developed at Prague with the wings attached to the lower part of the body, thus increasing the flying surface.

BITS OF HUMOR FROM HERE & THERE

A Bird of a Landing.

Teacher—"Where did the Pilgrims land?"

Johnny—"I don't know whether it was on a Plymouth Rock or a Rhode Island Red."

A Bible Lesson.

Sunday-school Teacher—"Now, Harry, what do you learn from the parable of the prodigal son?"

Harry—"That it is better to be a prodigal son than a fatted calf."

Not a Question of Hours!

The local railway never had been known for its punctuality, but lately it had surpassed even its own record.

One train, for instance, was nine hours late, and a passenger became worried.

"Get me something so that I can figure out when I will get to London," he said to the dining-car attendant.

"Yes, sir; I'll get you a time-table," replied the official.

"Thunder, no!" roared the passenger. "What I want is a calendar!"

Routed.

"I haven't come in here to tell you how to run your paper," said the visitor.

"No?" replied the editor of the Toad-vine Clarion.

"But I must say that if I were running this sheet I'd make a better job of it than you are doing."

"I haven't the slightest doubt of it," said the editor. "The price of the Clarion is \$7,500 cash, or half down and the rest secured by notes for which I agree to turn over to you type, press, subscription lists, all advertising contracts, good will and the office cat. We can close up the deal in thirty minutes, sir."

But the visitor had silently faded away.

WEEKS' BREAKUP-A-COLD
TABLETS TRY THEM
PRICE 25¢

America's Pioneer Dog Remedies
Book on
DOG DISEASES
and How to Feed
Muzzled Dogs
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"DANDERINE"

Girls! Save Your Hair!
Make It Abundant!



Immediately after a "Danderine" massage, your hair takes on new life, lustre and wondrous beauty, appearing twice as heavy and plentiful, because each hair seems to fluff and thicken. Don't let your hair stay lifeless, colorless, plain or scraggly. You, too, want lots of long, strong, beautiful hair.

A 35-cent bottle of delightful "Danderine" freshens your scalp, checks dandruff and falling hair. This stimulating "beauty- tonic" gives to thin, dull, falling hair that youthful brightness and abundant thickness—All druggists!

CUTICURA HEALED PIMPLES ON FACE

Also Itchy Scalp, Hair Fell
Out. Face Disfigured.

"My head began to itch and there were scales on my scalp. My hair came out badly when combed and it became very dry and thin. I also had pimples and blackheads all over my face. The pimples were hard, large, and red, and caused me to scratch and irritate them, and my face was disfigured."

"This trouble lasted about two months and I began using Cuticura Soap and Ointment. After I had used two cakes of Soap and two boxes of Ointment I was completely healed." (Signed) Miss Zona Jackson, R. 3, Goldendale, Wash.

Improve your skin by daily use of Cuticura Soap, Ointment and Talcum. They are ideal.

Box 25c, Ointment 25c and 50c. Talcum 25c. Sold throughout the Dominion. Canadian Agents: Empire, Limited, 345 St. Paul St., W., Montreal. **Cuticura Soap shaves without nicks.**

Classified Advertisements.

THE TORONTO FREE HOSPITAL, near Weston, Ontario, in affiliation with Bellevue and Allied Hospitals, New York, offers to young women desirous of becoming qualified nurses a three-year course of general training; attractive residences; single rooms. For salary and other information apply Lady Superintendent, Toronto Free Hospital, Weston, Ontario.

Prince George is a Midshipman.

King George's fourth son and namesake, Prince George, who recently celebrated his eighteenth birthday and completed his training as a naval cadet, has become a full-fledged midshipman and been appointed as such to the Iron Duke, which was the flagship of Admiral of the Fleet Lord Jellicoe in the battle of Jutland, and now is flagship of Admiral Sir John de Robeck, commander-in-chief of the British naval forces in the Mediterranean. The prince has just joined, and will spend the greater part of the next two years in the Mediterranean, with headquarters at Malta.

Minard's Liniment Relieves Distemper

Teacher: Grace, give an illustration of a miracle." Grace: "If I should ask my brother George if he would have another piece of mince pie and he should say 'No, thank you, I've had enough,' that would be a miracle."

A man does not realize how many friends he has until he has become a financial success.

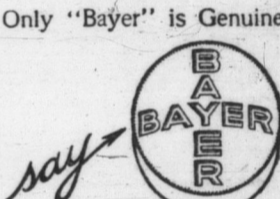
A man's income depends largely on his wife's output.

A Quick Relief for Headache

A headache is frequently caused by badly digested food; the gases and acids resulting therefrom are absorbed by the blood which in turn irritates the nerves and causes painful symptoms called headache, neuralgia, rheumatism, etc. 15 to 30 drops of Mother Selge's Syrup will correct faulty digestion and afford relief.

ASPIRIN

Only "Bayer" is Genuine



Warning! Unless you see the name "Bayer" on package or on tablets you are not getting genuine Aspirin at all. In every Bayer package are directions for Colds, Headache, Neuralgia, Rheumatism, Earache, Toothache, Lumbago and for Pain. Handy tin boxes of twelve tablets cost few cents. Druggists also sell larger packages. Made in Canada. Aspirin is the trade mark (registered in Canada), of Bayer Manufacturing of Monocetateester of Salicylicacid.



Stop that pain!

QUICK, warming, soothing, comforting relief follows an application of Sloan's Liniment. Just slap it on the strained, overworked muscle. Good for rheumatism, too. Penetrates without rubbing.

Sloan's Liniment

(Pain's enemy)

MOTHER!

"California Syrup of Figs"

Child's Best Laxative



Accept "California" Syrup of Figs only—look for the name California on the package, then you are sure your child is having the best and most harmless physic for the little stomach, liver and bowels. Children love its fruit taste. Full directions on each bottle. You must say "California."

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