

FOREST FIRES.

Dominion Forest Service Keeping Up Persistent Fight.

Forestry Branch Press Bulletin—No. 12.

The annual report of the Superintendent of Forestry, which forms part of the annual report of the Department of the Interior, lately issued, shows that the Dominion Forest Service is year by year enlarging its staff of fire-fighters and steadily getting into better shape its means of protecting the public forests within its jurisdiction.

During the year 1900 the number of fire rangers employed was 96, as against 47 during the previous year. Nearly half of these (45, to wit) were employed in patrolling the Rocky Mountain country from the International boundary up to the Peace, Athabasca and Lesser Slave regions. The Railway Belt in British Columbia was guarded by 37 rangers, while in Saskatchewan 14 were employed. As in most previous years, the largest number of fires—those, at least, whose causes were known—arose from the building and operation of railways. Next to these settlers clearing land and burning brush were most culpable, while campers and travellers were also to blame for a very large portion of the fires.

Constant patrolling of all places where danger exists is the chief means taken for the prevention of fires. In addition, especially on the forest reserves, the comparatively limited areas of which give better opportunities for careful fire protection. On Shuswap Lake, B. C., for instance, a gasoline launch is used, which serves not only to enable the ranger to cover his beat more quickly but in case of serious fire would prove invaluable in getting men and supplies to the scene of the fire expeditiously. On the forest reserves fireguards are made along the boundaries and along the lines of railway passing through the reserves. Some of these guards are made by burning the grass and other herbage at the season when the snow has disappeared from the surrounding cultivated districts and before it has gone from the forest, so that there is no danger to the latter. Ploughed guards are also made. Roads are being constructed in the reserves, which not only make it possible to get men to a fire more quickly in order to fight it, but also to serve to stop small fires and to clear of larger fires a base from which to attack them.

Special attention has also been given to the problem presented by fires arising from the construction and operation of railways. The patrol along the route of the G. T. P. during its construction west of Edmonton has been very successful. During the two years of construction work not one serious fire has occurred along the right-of-way. The prevention of fires along the railway due to sparks from engines is another very serious matter. In some places in the forest reserves the railways have been compelled to make fireguards along their right-of-way. Efforts are also being made to get the railways to clear up the brush from their lines. One western railway this spring had a fire arising from their neglect to follow the instructions of the branch in this regard and lost several miles of valuable timber through the fire which started from brush along their track having been ignited by fire from an engine.

During the year reported on, a complaint was laid against the Great Northern Railway before the Railway Commission for starting fires along its lines in British Columbia. The Railway Commission has also been requested to give authority to officers of the fire ranging staff to examine locomotives at divisional points in order to see that they have the equipment required by law in the shape of fire-arresters, etc.

Copies of the report may be obtained on application to R. H. Campbell, Superintendent of Forestry, Ottawa.

New Uses for Alcohol.

The Germans, having no native supply of petroleum or natural gas, have sought a substitute for these fuels in alcohol, which they can produce cheaply from the potatoes and other vegetables in the sandy plains of their country.

The result was seen in an exhibition of the industrial appliances of alcohol at Berlin, where there were shown alcohol driven motors for stationary engines, as well as the automobile car which is portable and which can be run on alcohol. It is by alcohol that the German army is enabled to move its tanks and other motorized troops to the front, and it is alcohol that the German navy is enabled to move its submarines and other motorized vessels to the front.

A further result of the use of alcohol is the fact that it is a very good fuel for the internal combustion engine, and it is a very good fuel for the steam engine. It is a very good fuel for the internal combustion engine, and it is a very good fuel for the steam engine.

Some people expressed surprise after the opening of the launch of the New-Hampshire at New York that all of the summer were not able to keep afloat. An officer speaking of the fact that the public charge that the navy was over the sea, and that the navy was over the sea, and that the navy was over the sea.

A great majority of the men were landsmen when they enlisted and learning to swim later. Up to two years ago about forty men out of every hundred were unable to swim, but great efforts have been made to have the men learn the art, and at the present time that had been reduced one-half and now about eighty sailors out of every hundred are able to swim well. On the summer cruise to the Caribbean Sea the navy could not sink or be attacked by sharks and most of them took their turn in the water.

—The Christian Herald.

Minard's Liniment Cures Diphtheria.

The automobile people to the contrary notwithstanding, the best sparking device continues to be an old fashioned one, with the lights turned down low.

Home DYEING In the way to Save Money and Dress Well

Try it! Simple as Washing with

DYOLA

ONE FOR ALL KINDS OF COLORED

JUST THINK OF IT! Dyes Wool, Cotton, Silk or Mixed Goods Perfectly with the DYE without a trace of streaking. Fast and Beautiful Colors. 10 cents, from your Druggist or Dealer. Send for Color Card and STORY Booklet. To the Johnson-Braden Co., Limited, Montreal.

MADE HIM RIDICULOUS.

Joseph Leiter, in an interview on his yacht Chantecler, said, with a smile: "Please quote me accurately. In an interview, you know, the slightest inaccuracy can make a man ridiculous. It is like the Frenchman who, though he had a very fair knowledge of English, nevertheless said to a father: 'Aha! Your son he resemble you. A chip off the old blockhead, hein?'"—Washington Star.

Minard's Liniment Cures Distemper.

HISTORIC DROUGHTS

An interesting record is that of severe droughts, as far back as the landing of the Pilgrims.

In the summer of 1621, twenty-four days in succession without rain.

In the summer of 1630, forty-one days in succession without rain.

In the summer of 1657, seventy-five days in succession without rain.

In the summer of 1662, eighty days in succession without rain.

In the summer of 1674, forty-five days in succession without rain.

In the summer of 1688, eighty-one days in succession without rain.

In the summer of 1694, sixty-two days in succession without rain.

In the summer of 1705, forty days in succession without rain.

In the summer of 1715, forty-six days in succession without rain.

In the summer of 1728, sixty-one days in succession without rain.

In the summer of 1730, ninety-two days in succession without rain.

Send for free sample to Dept. H. L. National Drug & Chemical Co., Toronto.

LORD KELVIN'S STATUE.

The statue of Lord Kelvin, which is to be erected as a memorial to the great scientist, in Belfast, his birthplace, is being executed by Albert Bruce-Joy, and is in an advanced stage of completion. The statue, which will be of life size, will be of the distinguished scientist standing, holding a book in his right hand, and a model of the gyroscope in his left. The statue will be of the gyroscope in his left hand, and will be placed on a pedestal twelve or thirteen feet high. Mr. Bruce-Joy has completed the bust of King Edward in bronze for the Chelsea Hospital, which will be unveiled shortly.

A WINDSOR LADY'S APPEAL.

To All Women: I will send free with full instructions, my home treatment, which positively cures Leucorrhoea, Displacement, Falling of the Womb, Painful or Irregular Periods, Uterine and Ovarian Tumors or Growths, and all the various Nervous, Melancholy, Pains in the Head, Back or Bowels, Kidney and Bladder troubles, whether they be caused by the use of life and You can continue treatment at home at a cost of only 12 cents a week. My book, "Woman's Own Medical Adviser," also sent free on request. Write to-day. Address: Mrs. M. Summers, Box H. S. Windsor, Ont.

IN THE JUDICIAL REPAIR SHOP.

(Chicago Tribune.)

"What's the charge against these two men?" inquired the police justice.

"They were havin' a quarrel over a busted auto tire, your honor," answered the officer.

"Well, well, let them patch it up themselves," said his honor, with a slight frown, as he left the court, "till the next session."

Minard's Liniment Cures Colds, Etc.

JACK FROST.

Jack Frost is coming, dear children, to nip and nip the Minkies all comely and bright. Hiddle-diddle! Hiddle-diddle!

He will shake the nuts down in rattling showers. Hiddle-diddle! Hiddle-diddle!

He will pinch your fingers and freeze the toes. Hiddle-diddle! Hiddle-diddle!

Around all the ponds he will leave his cards. Hiddle-diddle! Hiddle-diddle!

And he'll cry to the ladies, "Now be on your guard, guard!" Hiddle-diddle! Hiddle-diddle!

"I'll take a bite from your little feet. Hiddle-diddle! Hiddle-diddle!"

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A SUBMARINE TUNNEL.

Project to Connect Denmark and Sweden by Electric Trams.

It is proposed to construct a tunnel, or rather a series of tunnels, under the sea in order to connect Denmark with Sweden. An electric railroad line will be run in the tunnel and partly overland. The matter has been brought forward by a commission of leading engineers, and in the present case the tunnel is not likely to meet with the opposition which prevented the idea of a tunnel from France to England from being carried out. Starting from Copenhagen, the tunnel will run under the sea, and in part upon the islands, ending in Sweden at the small town of Malmoe, which lies at the southeast. The proposed electric line will start from the central railroad depot of Copenhagen and run at the small town of Malmoe, which is now connected with Zealand by two bridges. From this point it enters in tunnel under the Sund and traverses this thence to the island of Amack, which is now connected at Saltholm. Crossing the island, it again descends in tunnel at its eastern extremity and passes under the sea to the Swedish coast, where it comes out at Schonen. The total length of the electric line will be 21 miles. The Swedish Parliament is to consider the matter, and it is claimed that there are no great engineering difficulties in connection with the project.

Another Wonderful Cure By That Wonderful Fruit Medicine "Fruit-a-tives."

Mr. Mathias Dery, of 225 Church street, Ottawa, Ont., was treated for years by physicians for Painful Dyspepsia. He spent so much money for doctor's medicines without getting much relief that he had about made up his mind that his case was hopeless.

Seeing "Fruit-a-tives" advertised, however, Mr. Dery thought he would invest 50c in a box of these wonderful fruit juice tablets.

And this famous fruit medicine did for Mr. Dery what all the doctors could not do—it cured him.

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50c a box, 6 for \$2.50, or trial box, 25c—at all dealers, or from Fruit-a-tives, Limited, Ottawa.

WHAT WOMEN ARE SAYING.

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AGNES REEPLER, Woman Essayist.

"POLITENESS COSTS NOTHING. Impertinence may cost much. For example, manifested to the child, will by precept and example make him polite. Children are naturally mimics. They will naturally mimic the superior thing it gives the opportunity."

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"IT IS ALL NONSENSE to say that woman has left home. The home has left woman. Minimum wage boards should be established to fix the least wage for which women should work. There are no margins now for emergency or illness."

MISS MARY VAN LEEK, Sage Foundation Investigator.

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I would not start on a voyage without it, if it cost a dollar a bottle.

CAPT. F. R. DESJARDIN, St. Andre, Kamouraska.

THE FISHERMAN'S WIFE.

I set my light in the window pane—Blurred and splattered and splashed with Wild wind carry him home again!

Heart of my heart, would I love you in a world with never a wind to blow, Nor waves to batter, nor tides to flow?

Never the need for a light to burn, Nor dread of the news it were death to learn, And never the bliss of a safe return?

Who can love who has never prayed, Sick with longing and all afraid, While the hounds of the hurricane barked and bayed.

Prayed and listened and prayed again, And then, through the roar of the wind His finger tapping against the pane?

PREPARING FOR CHRISTMAS.

A little six-year-old girl I know, called Ruth, is beginning already to prepare for Christmas. All last year she carefully put away every Sunday school card and lesson card she had received in the primary room. As soon as she had twelve, she and Mother tied them into little books with bright ribbon. These are full of pretty pictures and interesting short stories, and light in weight. These she will take to the Children's Hospital the day before Christmas, as she did last year. She already knows some of the children there, among them a little girl who is a sufferer from spinal trouble. How the little face brightens when she sees Ruth coming!

She will also take some durable scrap-books, the leaves of which are cut from the uppers of old window-shades, while the backs of cardboard are covered with the same "linen" and leaves and backs tied together with ribbon. In some are neatly pasted pictures cut from magazines and papers, or cards received at the drug store, etc.; in others, good short stories and poems, often with an appropriate picture to illustrate. Her mother has kept her eye open for these stories—usually found in the "Children's Page" in magazines.

Some of the pictures of birds, butterflies, and animals, are pasted separately on pieces of cardboard, cut out exactly the shape of pictures. These also will be taken to the hospital, for such pictures have proved to be a delight to children who work to hold a book.

Ruth has also put away all the empty candy boxes she could find. Each one now holds a tiny daisy with four hair (bought at ten cents a dozen, affixed in scraps of material left from sewing. A few leaves are covered with stuffed paper, and are to be filled with stuffed paper, and are to be filled with stuffed paper.

A Christmas tree for the children of the washwomen will be ornamented with silver stars—cardboard covered with silver paper. A fine picture of an angel, mounted on cardboard, for the tip of the tree; nuts covered with tin-foil, peanuts dressed as dolls in tissue paper, and little netting bags for candy, and popcorn are ready waiting for the beautiful day to arrive.

It is not a bit too early for the readers of the Boys' and Girls' page to follow Ruth's example and begin their preparations for Christmas.—Toronto Presbyterian.

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