

CLIMATE LESS SEVERE

What Study of Larger Glaciers in B.C. Has Revealed

Dr. Charles D. Walcott, secretary of the Smithsonian Institution, and Mrs. Walcott recently returned to Washington after several months' field work in Canada.

Owing to the heavy snowfall of the previous winter, and the fact that most of the geological formations which they wished to examine were in the deep snow about the timber line, little progress was made till the latter part of the summer of 1916.

Some years ago Dr. Walcott found a remarkable fossil fauna in boulders which had been carried into Kicking Horse canyon by glaciers that have long since disappeared.

Mrs. Walcott, who has studied glaciers for several years, and is well known as an Alpinist, visited Glacier, British Columbia, where she measured the position of two large glaciers, and determined that the front ice foot in each case had retreated at the rate of 100 feet a year during two preceding years.

Hardening Steel With Compressed Air

The usual methods of hardening steel in oil, water, and other special baths produce a great tension along the line of contact between the hardened and the unhardened parts.

Handy Measuring Glass

The markings of a graduated measuring glass invented in Germany are made along a zigzag line instead of a vertical one and, having wider spaces between, are said to read more accurately.

Makes Power Direct

A patent has been granted a German inventor for an application of the principle of the thermopile for the direct production of electricity from coal without the intervention of a boiler, engine or dynamo.

Female Emigrants

As a result of the restrictions on the emigration of males of military age from the United Kingdom, the emigrant parties which now leave Dublin twice a week are largely composed of young women and children.

In Paris markets the eggs are dated, and one pays according to the freshness, so that it is possible to be certain of newly-laid eggs; or, it is necessary to be economical, yesterday's eggs, or the day's before, are offered at a reduction.

DOOR WITH SEVEN LOCKS

Westminster Abbey Has Many Interesting Parts

A London paper writes: Few who explore Westminster Abbey are aware that there are many of its most ancient and interesting parts of which they have never had a glimpse.

Recently invented thumb tacks are provided with handles to help in without drawing them and which fold down into the heads of the tacks so as to be out of the way when not needed.

Australian postal officials are planning to establish at busy street corners in cities combinations of letter boxes, telephone cabinets and stamp selling machines.

A puncture resisting automobile tire has been invented that has a strip of chrome leather on the inner side of the shoe, where it is in contact with the inner tube.

A simple device has been invented for pressing stones out of cherries without touching them with the hands.

Green bones are bones fresh from the butcher, with the adhering gristle, meat, etc.

Don't throw away lighted matches, cigars or cigarette.

THE ANIMALS' HEALTH

Dwellers in the Toronto Zoo Make Good Patients

"A long way the healthiest animal here," said Mr. F. Goode, superintendent of the Riverdale Zoo, Toronto, "is the elephant. We have had her about ten years, and she has only been sick or sorry once in the last five years, and then she had only a slight cold."

Speaking generally, Mr. Goode was of the opinion that the denizens of the Zoo made good patients. The great majority of them, he was convinced, are more insensible to pain than are human beings.

"Black and brown bears give very little trouble. They are naturally strong. And when they are feeling it quite up to the mark, they will drink cod liver oil freely out of a cup."

"Beavers are healthy, as well as industrious. But they fight like fury. Where a male and female are together, and have a family, and found a colony, they are all right. But put in a strange beaver among this colony, and they will kill him inside of twenty-four hours. They will cut his tail off, and tear holes in his back. And all this will be done under water. Beavers can stand any amount of pain. I have known a beaver, badly maulled, and gangrene set in, until half of him was really dead. And yet he would still keep on diving."

SACRED LAKE IN ASHANTI

Natives Believe it to be Haunted by Powerful God

In Central Ashanti, West Africa, there is a sacred lake, Bosumti, which lies about eighteen miles southeast of Coomassie, and is the only real lake in the country.

TRUTH ABOUT CANADA

No Trouble Finding a Job "When You Ken Yr Business"

"I am going to close this letter with an example worth while," wrote an Englishman to his cousin in Canada.

"I met a young Scotsman named Wilkie, hailing from Glasgow, the other day. Wilkie heard a lecture on Canada at the C.P.R. moving-picture show at the Glasgow Exhibition and became fired with Western fever.

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THE LIGHTER SIDE

Dreams, unfortunately, have no cash value.

Almost anybody would rather be an unpopular talker than a popular listener.

There are some people who have no enthusiasm except when they sit down to dinner.

How many of us, when we say we are doing our very best are telling the strict truth.

Don't worry! No matter what you do, the thing called trouble is bound to come sometimes.

Some people never know the difference between right and wrong till they find out which pays best.

It is curious but true that the lazier our employer happens to be, the more work he expects you to do.

One of the worst things about life is the fact that there are so many stupid people who do not appreciate it.

People used to be proud if they owned a piano; but they are not now. A brand of pride was run over long ago, by a motor car.

A man with a three-days' growth of beard may not be a pleasant sight, but he is a lot more attractive than a woman with a quarter-of an inch of powder all over her face.

Blowouts A Bad Sign

A motor tire should wear out and not blow out. When an otherwise good casing must be discarded on account of blowouts, it means that the fabric is not as durable as it should be.

Ventilating a Room

The secret of good ventilation is to renew the air in a room at least three times each hour, day and night, without creating a draught.

A lumberman writes: I have seen, an hour and a half after a spark dropped out of the fire-box of a moving donkey, an entire camp wiped out as thoroughly as though packed off by a cyclone.

Great Resources Unused

The main reason for the present comparative paucity of population is, of course, that such large portions of the West Indian area remain unused and undeveloped.

GROCERS MAY COMBINE

Want Federal Government Start An Inland Trade Department

The creation of an inland trade department of the Federal Government, which will have control of all mercantile trade in the Dominion, was the request of a delegation of wholesalers and retailers which waited on Premier Borden.

"How does the pay for work compare with the Glasgow pay, Wilkie?" asked. "It's just double," he says. "And how do you compare living?" says I.

"You pay more for luxuries!" says Wilkie, "but otherwise I am thinking it's just as cheap living in Canada, as anywhere else, and," said he meaningly, "there's no trouble about finding a job when you ken yr business."

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DRAIN COW STABLES

Manure Hurts Milk—Draughts Also to be Avoided

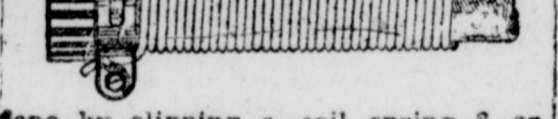
The best material for the floor of all cow houses or byres is undoubtedly concrete, as it will admit of easy and efficient washings. The utmost attention should be paid to the system of drainage, which is best provided in the form of surface drains running into a common channel.

On a great majority of farms the manure heap is to be found in close proximity to the cow house, and the undesirable odors from this source can be clearly detected in the byre.

Your Garden Hose

Garden hose most always breaks near a coupling when it reaches the stage where constant wear begins to tell. The life of a line of hose can therefore be somewhat prolonged if some method is found of preventing such breaks.

It has been found that this can be done by slipping a coil spring 3 or 4 inches long over the hose at the point where the couple is made and fastening the spring to the band round the pipe.



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Great Potentialities

Trinidad, measured by its trade and products, ranks very much higher than does Jamaica, for, while less than half the size of that island, it has a trade which in 1913 (the last normal year) amounted to \$48,838,358, against Jamaica's \$25,284,735; but when we pass to British Guiana we find that a colony that is 45 times the size of Trinidad has a total trade of only \$18,668,918 and, as we have seen, a population of only 296,041, against Trinidad's 383,552.

Yet British Guiana contains 57,770,000 acres, of which only 2,000,000 are privately owned, leaving 55,770,000 unalienated Crown lands. In the lowland easily accessible by railway or by navigable rivers out of some 19,000,000 acres there are some 7,000,000 suitable for agricultural purposes, of which only 1,000,000 acres have been disposed of, leaving 6,000,000 yet to be taken up and used.

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HIT IT

"You can't guess what sister said about you just before you came in, Mr. Highcollar," said little Johnnie. "I haven't an idea in the world, Johnnie."

"That's it. You guessed it the very first time."

Domestic Bliss

Mr. Wyborn—Ever since I married you I've drunk the cup of bitterness to the dregs. Mrs. Wyborn—Yes; imagine you leaving a drain on anything in any cup!

Giant Sharks

While the whale is regarded as the largest of creatures that haunt the sea, there are some sharks that can be compared in size with the former animals. These giant sharks, however, are very rare and are known under the name of the great whale shark and the basking shark.

First Man Dressmaker

One day in 1730 a beautiful carriage appeared on the boulevard of Paris with an escutcheon in the shape of a pair of corsets and an open pair of scissors painted on the panel of each door.

The Queer Argan Tree

Among the most remarkable trees of the world is the argan, which abounds in southern Morocco but is seldom seen elsewhere.

A Martyr to the X Ray

Dr. Hall-Edwards of the Birmingham university, according to the English Mechanic and World of Science, has not been spared the payment of a heavy price for the benefits he has conferred on mankind by his researches in X ray photography.

A PLEA THAT WON THE JURY

How an Eloquent Kentucky Lawyer Freed a Guilty Man.

John J. Crittenden, the eloquent Kentucky lawyer of a past generation, was once defending a murderer. Every one knew the man was guilty, but the eloquence of Crittenden saved him.

"Gentlemen," said Crittenden at the end of his great plea, "to err is human, to forgive divine. When God conceived the thought of man's creation he called to him three ministering virtues, who wait constantly upon the throne—justice, truth and mercy—and thus addressed them:

"Shall we make this man?"

"O God, make him not," said Justice sternly, "for he will surely trample upon thy laws."

"And Truth, what sayest thou?"

"O God, make him not, for none but God is perfect, and he will surely sin against thee."

"And Mercy, what sayest thou?"

"Then Mercy, dropping down her knees and looking up through her tears, exclaimed:

"O God, make him! I will stand over him with my arms throughout the dark paths he may have to tread."

"Then, brethren, God made him and said to him: O man, thou art the friend of Mercy. Go and deal mercifully with all thy brothers."—Denver Republican.