ON SEA-SWEPT SABLE ISLAND

ONE hundred and eight miles off the coast of Nova Scotia, and lashed by the terrific storms of the Atlantic ocean lies Sable Island. It is one of the most interesting outriders of the whole Atlantic coast and constitutes not so much an asset as an international perplexity.

The battering of wind and wave has greatly reduced the island area, substituting here and there hidden sand bars for what was visible dry land but a few years before. To mariners, Sable Island represents a constantly increasing danger, despite the best efforts of the Canadian Marine department with modern lighthouses and sound signals.

In 1901, the late Dr. Saunders, as Director of the Central Experimental Farm, Ottawa, took steps to prevent the destruction of the island by planting out 80,000 trees and shrubs. The lack of success has probably put an end to all effort to offset the disintegration of the remaining area. In reply to a question of the *Forestry Journal* Dr. J. H. Grisdale, Director of the Central Experimental Farm, states that no work in planting on Sable Island, subsequent to that described in this article, has been done and that "very little success is expected from planting vegetation on this very exposed and windy island." It is likely that the task will have to be undertaken eventually by engineering devices.

On Sable Island, no trees grow naturally. It is formed entirely of white sand, and lies about 153 miles from Halifax.

HALF THE LAND GONE

Its area has been considerably reduced by the action of wind and water. The present length of the island is about twenty-one miles, and its width, at its widest point, somewhat over a mile. Early surveys gave the lenght of the island as forty miles and its width two miles and more. Dangerous shoals and sandbars extend on all sides, and the strong currents from north and south often carry vessels out of their course, while, in addition to this, fogs are frequent, and wrecks are many. The planting was undertaken, at the request of the Marine Department, chiefly with the object of preventing the destruction done to the island by the wind, for the further the destruction of the island is carried, the greater becomes the danger from the shoals and sand-bars.

The choice of species to be planted was based largely on observations made by Dr. Saunders on a visit to Brittany, France, where much work in the reclaiming of sand-dunes has been done.

The first plantation was made on a sandy bluff near the north shore, fairly well covered with the common sand-binding grass, the trees being planted two-and-a-half to three feet apart each way in a soil composed of pure sand.

One considerable area, to which the name of Gourdeau Park was given, was found to be covered to thedepthof several inches with a black, peaty soil, mixed with sand and underlaid with pure sand. On this were growing common juniper, cranberry, wax myrtle, blueberry, wild rose and other plants. The planting was completed on June 17th. Artificial fertilizers were used to some extent, these comprising nitrate of potash, superphosphate of lime and quicklime.

ITS LIFE-SAVING VALUE

The climate of the island is not extreme. During the years of 1898 to 1901 (inclusive) the highest temperature registered by the thermometer was 78 degrees Fahrenheit. The winds, however, are very high and constantand gales are frequent.

A danger to be apprehended is that the island may be wholly swept away (as has already happened in the case of a large part of the orginal island), leaving an immense area of submerged shoals. In that case the danger to passing vessels would be as great as now, and the possibilities of rescue of shipwrecked persons, (with the life-saving station gone) would be reduced to a minimum.

Three years ago, the *Canadian Forestry Journal*, touching upon the failure of the first experiments at Sable Island, asked: "Is not such a danger worth the spending of many thousand dollars to avoid? On similar plantations (similar, at least, as regards the problems presented by natural conditions) France has spent several millions of dollars, and the single state of Massachusetts some hundreds of thousands.

"In the problem presented by Sable Island not only do property considerations enter, but considerations involving the saving of human life. At the least the subject is worthy of continued and persistent experiment, and it is to be hoped that the authorities will not rest satisfied, or torpid, in consequence of the failure of this one attempt."—*Canadian Forestry Journal*, June 1917.

This critic describes your new book as drool." "Guess I must be improving. He alluded to my last book as utter rot." —*Louisville Courier-Journal.*

"That fellow was an impudent fraud. How did he maeage to wheedle money out of you?" "Oh, John, he told me such a sad, yitiful tale about his poor wife who was a widow with six little children."—*Baltimore American.*

"Why don't you advise your boy to give up his football ambitions" "I have advised him," replied Farmer Corntossel. "I've almost prayed with him about it. He's the worst football player I ever saw." —*Washington Star.*

Minard's Liniment Cures Garget in Cows

WHAT MAKES A STATE?

WHAT constitutes a State?
Not high-raised battlements of labored mound,
Thick wall or gate;
Not cities proud with spires and turrets crowned;
Not bays and broad-armed ports,
Where, laughing at the storm, rich navies ride;
Not starred and spangled courts,
Where low-browed Baseness wafts perfume to Pride;
No; men, high minded men—
Men who their duties know,
But know their rights, and knowing, dare maintain;
Prevent the long-armed blow
And crush the tyrant while they rend the chain,—
These constitute a State.

SIR WILLIAM JONES
(1746-1794)

NOT gold, but only men, can make
A people great and strong—
Men who for truth and honor's sake
Stand fast and suffer long;
Brave men who work while others sleep,
Who dare when others fly—
They build a nation's pillars deep,
And lift them to the sky.

RALPH WALDO EMERSON
(1803-1882)

GOD give us men. The time demands
Strong minds, great hearts, true faith and willing hands;
Men whom the lust of office does not kill;
Men whom the spoils of office cannot buy;
Men who possess opinions and a will;
Men who have honor; men who will not lie;
Men who can stand before a demagogue
And dam his treacherous flatteries without winking;
Tall men, sun crowned, who live above the fog
In public duty and in private thinking.

JOSIAH GILBERT HOLLAND
(1819-1881)

LETTERS RECEIVED CONCERNING THE DEATH OF H. M. TINCER, KILLED IN ACTION

C. Coy.
25, 5, '17.

To S. Tinker, Esq.,
Wilson's Beach,
Char. Co., N. B.

Dear Sir:

It is with deep regret that I am writing to you to-day to offer my sincere sympathy to you over the loss of your son, H. M. Tinker, 709694, of the 5th C. M. Rs., who was killed in action yesterday. Before this reaches you, I am sure that you will have had the official wire from Ottawa, but as his Company commander I feel that I must let you know how much we shall all miss your son. There never was a better nor braver soldier than he and without exception, both officers and men thought the, world of him. His death occured on Vimy Ridge, being caused by German shell fire, while he was on a working party. Your son was killed at once and I am sure died without suffering pain.

Any small personal belongings that he may have will be collected and sent to you in due course of time. His body is to be buried this afternoon and for this will be taken back behind the lines.

On behalf of all his comrades may I extend to you and all his relatives our sympathy, and may God make his noble sacrifice as easy as possible for you to bear.

I Remain,
Yours Sincerely,
G. T. PEARKES,
Major, 5 C. M. Rs.

4th C. M. Rs.,
B. E. F., France.
May 31st, 1917.

Dear Mr. Tinker:—

You will by this time have received intelligence of the death of your brave son, Pte. H. M. Tinker. As the Chaplain who buried him I write these few lines to assure you of my sincere sympathy with you in the loss of your brave son.

Not being attached to the 5th I did not know your son. But as far as I can gather his death was instantaneous, so that your boy was saved much pain and suffering. This I know will be a great comfort to you, so many of our brave fellows suffer so much. I am also glad to be able to tell you that the body was recovered and now rests in the little British Military Cemetery at Ecoivres, near St. Eloy. I was present and read our burial service so full of comfort and resurrection hope. Your loss is indeed a heavy one. May I in closing commend to you the God of all comfort, who through Christ alone can bring to us comfort in our sorrow and enable us to carry our burdens. After all these separations are only for a time, soon shall come the joy of reunion for all who love the Savior.

If you should desire a photo of your boy's grave you will write to the Grave Registration and Inquirers War Office, Winchester House, St. James Sqr., London, S. W., England.

Yours Sincerely,
(Capt.) W. H. DAVIS,
Chaplain, C. of E.

ROLLING DAM, N. B.

July12

Mr. and Mrs. Lemuel McCrum, of Aroostook, Me., are visiting Mr. and Mrs. C. E. Mc Crum and other friends.

Mr. and Mrs. Arthur Thompson and Mr. and Mrs. Bruce Thompson all of Waltham, Mass., have been visiting W. S. Thompson and daughter.

George McShane and Earle McGuire have each purchased a new automobile.

Mr. and Mrs. T. A. Reed passed through here in their automobile recently on their way to Clarence Ridge they were accompanied by Mr. and Mrs. Alfred Mitchell.

We understand that Ernest McLaskey has sold his farm and personal property to Sedgefield McCrum.

Mrs. James McCrum does not improve in health as much as her friends would wish.

BEAVER HARBOR, N. B.

July 10.

Mr. and Mrs. Jesse W. Holmes, of Beaver Harbor, announce the engagement of their daughter, Gladys H., to W. Hazen Carson, of Welshpool, the marriage to take place in July.

An entertainment in aid of the Red Cross Society was held in the hall on Wednesday evening last. Miss Lavers, of Portland, Me., recited some very nice selections, a local choir sang patriotic songs, and the programme was much appreciated.

Miss Millie Wright is spending a few days in St. John.

Sydney Munro attended the District Meetings at North Head, Grand Manan.

Mrs. Wm. Robinson and Miss Lena Cossaboom, of White Head, spent the week as guests of Mr. and Mrs. Thomas Holmes.

Mrs. Roy Eldridge and baby, Glendon, have gone for an extended visit with Rev. and Mrs. Mortimer at Fort Kent, Me.

Miss Winnie Hawkins, who has been teaching at Chance Harbor, is spending her vacation with her parents, Mr. and Mrs. Ira Hawkins. Miss Eula Hawkins is also home for vacation.

Mrs. Kelson and Mrs. Olsen have returned to St. John, after a brief visit here.

Hilton Outhouse, who has been attending school in St. John, has now returned home.

J. Colby McNichol made a business trip to St. Stephen last week.

Eldred, the little son of Mr. and Mrs. Hayward Sparks, fell with a tin horn in his mouth, and the roof of his mouth was cut badly by the sharp edge of the horn. The cut is healing quite well.

An aged resident, Philip Tatton, living about a mile from here, died very suddenly on Saturday morning. The funeral services were held from the Baptist Church at Pennfield on Sunday afternoon, and were conducted by the pastor, Mr. Greenwood. Mr. Tatton was a much respected, kindly gentleman. He leaves a widow and one daughter.

Charles Wadlin is seriously ill from measles.

Mr. Rudolph, of Shelburne, N. S., is visiting his sister, Mrs. Jesse Wright.

Mr. and Mrs. Neil Cross and children have returned from a pleasant visit at North Head. Grand Manan.

LORD'S COVE, D.

July 8.

Mrs. Fred Richardson, of Richardson, visited Mrs. G. H. Smith on Wednesday.

Frank Holmes injured his hand quite badly between two boats in Stuart's Cove last week.

Carroll Barker injured his hand quite badly in the hoisting gear on the public wharf on Thursday afternoon.

Harry Simpson took our band boys to Calais on the 4th of July and a pleasant holiday was enjoyed.

Mrs. Sumner Hartford visited her mother, Mrs. Simon Butler, of Richarlson, on Thursday.

Work has begun on the cellar of Austin Parker's new cottage.

Mrs. Austin Parker and Miss Freda Calder visited Mr. and Mrs. Scott Stuart in St. Andrews on Thursday.

Mr. and Mrs. Alver Ellis, of Mace's Bay, visited Mr. and Mrs. George Gowan on Saturday afternoon and returned Sunday morning.

Mrs. Frank Cook and children, of Lubec, Me., are visiting Mrs. Simeon Lord.

Mrs. Herbert Stuart, of Lambert's Cove, visited Mrs. James S. Stuart on Sunday.

Miss Verna Barker is camping this week on Hogg Island with Mrs. A. Parker and Mrs. G. Stuart.

Mrs. Wesley Lambert visited friends in Black's Harbor on Sunday.

Mrs. G. W. Lambert and Mrs. Everett Stuart are visiting the former's son, Mr. G. Hall, in St. John this week.

Mrs. I. G. Sirles is expected home from New York in a few days.

Mrs. Will Lord and children spent last week with her husband on St. Andrews Island.

Dr. and Mrs. A. Murray spent Monday afternoon in Leonardville.

The *Connors Bros.* discharged a large freight here on Monday morning.

A large number from here expects to go to the celebration of the twelfth at Wilson's Beach.

Mrs. Mariner Barker and children are making an extended visit with her mother, Mrs. Morgan, at Lubec.

King Simpson and Gifford Haddon are at present employed at Chamcook.

On the evening of July 17th a demonstration on Table-setting will be given at Lords Cove Women,s Institute by Miss Saunders. All members requested to attend. Members of the Lord's Cove W. I. wish to thank the boys of The Ancient Order of The Knights of Chivalry for their donation of nineteen dollars ($19.) for patriotic purposes. At the June meeting the year's report was given, and the sum of $183.88 was taken for patrioitic purposes.

MRS. THOS. TRECARTEN, Secretary

MENTHOLATUM

With the Kiddies

the time to apply **Mentholatum** is when the cold, cough, sore throat or croup is first noticed.

A Healing Salve

which quickly relieves the ailments as well as sunburn or chapped skin etc.

Always keep a jar handy.

Mentholatum

Is sold and recommended by the leading druggists throughout the Maritime Provinces.

2 sizes—25c and 50c

Send 3c in stamps for generous size sample.

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Be Safe!

Don't take too many chances with spavin, splint, curb, ringbone, bony growths, swellings and of lameness. Use the old reliable remedy—

KENDALL'S Spavin Cure

In the hands of horsemen, veterinarians and farmers for 35 years it has proved its worth in hundreds of thousands of cases.

ST. FERIOLE, Dec. 4th, 1915.

Will you please mail to my address a copy of your *Treatise on the Horse*. I have been using your valuable remedies for some time, and found them *safe* and reliable.

JOSEPH L. BATZINGER.

$1 a bottle—6 for $5, at druggists—or write for copy of our book "Treatise on the Horse" free.

Dr. B. J. KENDALL COMPANY
Enosburg Falls, Vermont, U.S.A. 118

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That some will buy their Boots, Shoes and Rubbers from some particular Store, and pay high prices when, if they would only look around a bit, and before buying call and look my stock over, they would be surprised to find that they could buy the very latest styles in Ladies' High Cut Shoes (all best colors). Also the very Latest Styles in Dress Shoes for Men, Women and Boys, including the new Chocolate Brown, in Neolin Sole and Leather Soles. Work Shoes. Also Scout Shoes for men and boys. Old Elm, Red and Black, Goodrich Hipress Rubber Boots, and the famous Gilt-Edge Boots for men and boys. Rubber Boots for women and children.

I pay no rent, and in these times of high prices, I can afford to sell at lower prices. Call and I will prove it.

NEW SHOE STORE OF
EDGAR HOLMES
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131 WATER STREET, North End
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Two Washboards FOR The Price of One

Both sides of of EDDY'S Twin Beaver Washboards can be used—giving double service for the price of one. Made of

Indurated Fibreware

(Which is really Pulp hardened and baked by a special process)

it cannot splinter or fall apart. Won't hurt your fingers or tear your clothes. Double value for your money—almost life lasting. Don't do another washing until you get one.

Ask Your Dealer.

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Limited
Hull, - Canada.

Make All Your Preserves with Lantic Sugar

"Pure and Unadulterated"

PRESERVING LABELS FREE
Send red ball trade-mark cut from a bag or carton to
Atlantic Sugar Refineries Limited
MONTREAL

Pure Cane. Fine Granulation. Order *by name* from your grocer.
10, 20 & 100-lb. sacks—2 & 5-lb. cartons
137

No Dentist
In Saint Andrews During Winter Months

DR. WORRELL has decided to close his office in Saint Andrews on or about October 1st, probably until about May 1st, 1918.

He therefore invites all his patients who have not been recently attended to, to come in at the earliest opportunity and have their teeth examined and attended to if necessary, in order to avoid suffering or inconvenience during his absence.

Do not wait until the last week in September and then expect to get fixed up, but come in while the coming is good.

J. F. WORRELL, D.D.S.
Office in Residence
Montague and Princess Royal Streets
TELEPHONE 33-11

KENNEDY'S HOTEL
St. Andrews, N. B.
A. KENNEDY & SON, PROPRIETORS
Beautifully Situated on Water Front. Near Trains and Steamboats.
All Rooms Steam Heated and supplied with Hot and Cold Running Water.
RATES—$2.00 to $2.50 per day. Special rates by the week.

THE ROYAL HOTEL
LEADING HOTEL AT
ST. JOHN, N. B.
Conducted on European Plan in Most Modern and Approved Manner
NEW GARDEN RESTAURANT
200 Rooms - 75 With Bath
THE RAYMOND & DOHERTY CO., PROP.

Auto Repair Tools and Sundry Supplies

GET YOUR AUTO IN GOOD SHAPE FOR SPRING

WE HAVE IN STOCK:

Weed Chains.
Rid-o-Skid Chains.
Auto Wrenches, all kinds.
Spark Plugs.
Puncture Plugs.
Self-cementing Patches.
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Dry Batteries.
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Magneto Files.
Graphite Lubricant.
Cup Grease.
Grease Guns.
Auto Socket Sets and Extra Sockets for Socket Sets.
Tire Pumps.
Auto Tap and Die Sets, A. L. M. thread, 1-4 in. to 3-4 in.
Adamson's Vulcanizers.
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Finished Hex. Blank Nuts.
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