

THE DAILY MAIL

NEW BRUNSWICK'S ONLY HOME COMMUNITY PAPER

THE MAIL PUBLISHING COMPANY — J. L. NEVILLE, Managing Editor.

Published every afternoon (except Sunday) at 327-329 Queen Street
Fredericton, N. B.

FREDERICTON, NEW BRUNSWICK, DECEMBER 1, 1937

ICE HAZARDS CAN BE CONTROLLED

DANGER LURKS on slippery steps and walks during the winter months and icy driveways are a constant threat to the safety of cars and delivery trucks. Coarse salt is one of the handiest and most efficient remedies for ice control around the home. By observing the following instructions the prudent householder may avoid many nasty accidents both to his family and to visitors.

STEPS AND WALKS: Sprinkle salt uniformly over the icy surface, using one pound (2 cups) per square yard. Sweep clean as soon as the ice or hard packed snow is sufficiently loosened.

Sweep the surfaces clean. This will prevent salt being tracked into dwellings, and in the case of metal steps, will reduce the chances of corrosion. Don't sweep the salty slush on lawns or flower-beds, as repeated sweepings may contain enough salt to affect next season's plant growth.

GARAGE DOORS: Sprinkle salt along the lower edges of garage doors to prevent them freezing overnight or in the event of a storm. One pound of salt is enough for a single treatment for a one-car garage.

DRAINS: To clear a channel through ice or hard packed snow to drains, apply salt along the desired line of flow. Use salt freely to cut the channel quickly.

When drains are completely frozen over, spread salt generously on top of the icy covering.

To clear frozen drains, pour down a few handfuls of salt and let water drip slowly. The strong brine thus formed will rapidly eat its way through the icy obstruction.

DRIVEWAYS: Mix salt with the sand or cinders that are spread on the driveway, using a handful of salt per shovelful of gritty material. This will embed the latter in the ice and give better traction.

If it is desired to clear the driveway completely of ice, sprinkle salt freely over the entire surface, sweep clean after the icy coating has been loosened.

Salt melts ice effectively at temperatures higher than 6 degrees below zero. It works fastest a few degrees below freezing and more slowly as the temperature gets down toward zero. Therefore, in zero weather, it takes more salt for the same results as in milder weather. The above directions apply when the temperature is about 15 degrees above zero and for an ice coating about 1/4 inch thick. Use more salt in colder weather and less when the weather is milder. Your own experience, after a few applications, will be your best guide.

Remember to sweep salt treated surfaces clean after melting takes place to prevent tracking salt into the house.

OUR RADIUM

THE ROMANTIC STORY of mining radium ore from the Sub-Arctic Canada and the elaborate processes by which the precious element is separated and prepared for surgical uses is told in "Canada's Weekly" published in London.

"Probably no other process in the world involves so many stages, each necessitating a high degree of accuracy as the production of Canadian radium. To win the ore from the Sub-Arctic rock and soil into which the winter frosts penetrate to a depth of 30 feet, and in conditions which compel the community to be completely self supporting and then to transport it nearly 4,000 miles southward, is a feat romantic enough even if this were the end of the story. But it is merely the conclusion of the opening chapter of the long task that must be completed before the precious radium is available to British hospitals, laboratories and factories.

"The pitchblende concentrates received at the refinery are crushed and then roasted to remove sulphur and carbon-dioxide, after which the material is ready for chemical treatment with hot sulphuric acid, soda ash and other agents to precipitate the desired elements or to remove impurities. Gradually the original pitchblende, looking rather like dull anthracite, is reduced in bulk and the residue either discarded or further treated for valuable by-products such as uranium compounds and silver, until after many days of continuous processing all that remains of a ton is a quantity of white crystals (radium bromide), that could be placed inside a hollowed out match stem.

"For surgical purposes the radium is enclosed in cells usually of iridium-platinum alloy, shaped like a small cartridge. After filling, a cap of similar metal is gold-soldered on the open end and the cell is then ready for loading into the sheath or needle of similar metal in which it is again hermetically sealed. The cells vary from 5-20 millimetres in length so that variable strength of radiation as required can be obtained by adjusting the quantity loaded into the needle. In addition to the metal mentioned, cells are also made of pure and carat gold, silver, gold-platinum alloys and monel metal, all of which absorb in varying degree the unwanted alpha and beta rays and some of the gamma rays from which the tissues of the flesh need some protection. Platinum alloy is most used for the reason that its greater screening power allows of thinner and therefore smaller diameter cells and needles.

"The process of preparing the radium and filling the cells is complicated and calls for great skill and care on the part of the operator, who is protected by methods previously described. Radium from the Canadian refinery is received in the form of radium bromide of about 95 per cent. purity. After dissolving in water, which is heated, radium sulphate is precipitated and this is the actual material required for the treatment of malignant growths. It is not used in this highly concentrated form, but is diluted with magnesium oxide to any desired extent. Thorough mixing is of the greatest importance in order that even radiation from the whole of the cell may be obtained. The method employed is to grind the two substances together in an agate mortar. Then, after careful weighing, the exact quantity is conveyed to its container by means of a platinised funnel over the open end of the cell.

"Having transferred the radium to its container which may be either in the form of a tube or flat plaque, careful tests are carried out to ensure that the sealing is complete and no radon gas is escaping. For this test the container is enclosed in cotton wool and sealed in a glass casing for 24 hours, after which the wool is tested for traces of radon gas. Next the container is placed in contact with a photographic plate on which it makes an impression by its own radiation and which shows if the mixing with the magnesium oxide has been complete and even throughout the whole of the actual portion of the container. The final stage is the measurement of the content of radium in each container. This is done by comparing its gamma ray activity with that of a known quantity of radium.

"The final problem to be evolved was one of storage. Quantities of 100 milligrammes can now be kept in special safes lined with several inches of protective material. Larger quantities are stored in underground chambers surrounded by lead blocks, giving a protective shield at least six inches thick in every direction."

SNAP SHOTS

In view of the numerous breaks within the vicinity of the police station, another of which took place last night, it is understood that the matter of moving the police station out of the danger zone is being considered.

Why is it that the only place in the city where a man cannot get a receipt for money paid is at the Police Headquarters? Time and time again citizens who have occasion to pay cash into police headquarters are refused a receipt. The officers of the law take the money and refuse to give a receipt for the money paid in.

Hedley looked real cute last night in his new white headgear.

Jim Douglas, Jim Thorburn and the Stanley lads are good sports. They came to the St. Andrew's dinner early and stayed until the last minute.

You have to hand it to men of the St. Andrew's Society. They know how to put on a successful function.

What are the citizens going to do about it? Are they going to let things slide in regard to police conditions in the same way that they did the matter of the subway?

A stranger would think that we would put up with anything. Could you blame him?

Aged Lady Passed
Away Last Evening
In This City

Miss Jane Robinson, one of the oldest residents of Fredericton and a member of one of Fredericton's oldest families passed away last evening at her home, 723 George Street from the infirmities of old age. The late Miss Robinson was a daughter of William H. Robertson in his day one of Fredericton's leading business men. She was born in this city and lived here all her life. The late Miss Robinson is one of the last survivors of her generation of the Robinson family. She is survived by one sister Miss Mary Robinson.

The late Miss Robinson was a prominent member of Christchurch Parish Church and during her active years took a prominent part in the congregational activities of that church. She will be remembered for her charitable works and her good deeds.

The funeral will take place on Friday afternoon with prayers at the home at 2.10 o'clock by Ven. Archdeacon Grey after which the remains will be taken to Christchurch Cathedral where a funeral service will be conducted at 2.30 by Rev. Dean W. H. Moorhead, assisted by Archdeacon Grey of the Parish Church. The interment will be made in the Robinson family plot in the Old Burying Ground.

DIED

MINUE—Passed away at the Victoria Public Hospital, Fredericton, N. B., Nov. 30, 1937, Genevieve Gertrude Minue, wife of Percy W. Minue. The funeral will take place Thursday afternoon from her late home, 640 Aberdeen Street. Service at the home at 2 o'clock. Rev. Steadman Smith will officiate. Interment will be made at the Rural Cemetery Extension.

THOMPSON—Passed away at Fredericton, N. B., Nov. 30, 1937, Miss Emily J. Thompson. The funeral will take place Thursday afternoon Dec. 2, with service at the home of Mr. and Mrs. A. C. Fleming, 379 Charlotte Street. Rev. Geo. Telford will conduct the service. Interment will be made at the Rural Cemetery.

ROBINSON—Passed away at Fredericton, N. B., Nov. 30, 1937, Miss Jane Robinson. The funeral will take place Friday afternoon with prayers at the home, 723 George Street, at 2.10 o'clock by Ven. Archdeacon Spencer L. Gray. Service at the Christchurch Cathedral at 2.30. Very Rev. Dean W. H. Moorhead will officiate. Interment will be made at the Old Burying Ground.

COLD STORAGE

(Continued from Page One)

ties as well as the people whom they represent should feel that it was in their own interests and in their own protection in regard to health to have these abattoirs established.

The matter of establishing an abattoir in this section was brought up several months ago but whether the matter was not handled properly or whether the public was not sufficiently educated up to the importance of having in their midst a proper abattoir and a proper inspection of all meats, the matter fell through. No person would like to feel that he is DAY AFTER DAY EATING QUANTITIES OF MEAT CONTAINING THE GERMS OF DISEASE. AT THE SAME TIME THIS IS JUST WHAT IS LIABLE TO HAPPEN WHEN DEALERS GO ABOUT THE COUNTRY PURCHASING CATTLE AND WHEN THE CATTLE ARE KILLED AND DISTRIBUTED WITHOUT ANY PROPER INSPECTION. This is something that is worthy of careful consideration not only on the part of the health authorities but upon the part of every person in the community.

SAINT ANDREW'S

(Continued from Page One)
that always brings us sadness—when we think of the members of the society who have passed on since the last Saint Andrew's Day celebration." In solemn order, he read off the names—George Ross, James Cunningham, R. N. Lyons, John Douglas, Dr. W. C. Crockett.

"I now ask you to drink a silent toast to their memories" Mr. MacKenzie said. At the conclusion of the toast the Pipe Band played "Lord Lovat's Lament" in honor of the departed comrades.

One of the highlights of the evening was the president's address. Mr. MacKenzie, much to the delight of the gathering, read an account of the first St. Andrew's Society dinner in this city in 1826. The old account taken from the Dec. 5 issue of the Royal Gazette, gave a detailed description of the dinner and the monstrous bill-of-fare. The copy of the Gazette was available through the courtesy of Mr. Justice O. S. Crockett.

The first dinner was held in the Miller Hotel, with the band of the 51st Regiment in attendance.

Started Kirk

This later dinner was held in the Golden Ball, where the house of Arthur Gibson, Waterloo Row, is now situated. The president stated that it was following this dinner that a meeting was held in the "Tank House" where City Hall is now situated and plans laid for the erection of the first Kirk.

The Taylor family was very instrumental in the erection of the Kirk, the president stated, donating money to the cause. President MacKenzie stated that the present members should be proud of these first members of the society for the benefactors to the church and community that they were.

Following the address of the president, a letter was read from Angus Campbell, now in British Columbia, and a former president of the society. Mr. MacKenzie stated that a piece of the Haggis would be sent to Mr. Campbell. He pointed out that Mr. Campbell joined the society in 1881 and has been a member for 56 years.

The president gave a report on the activities of the Visiting committee, composed of himself, K. C. Bishop, and Alderman F. S. Mundle. First visit was paid to Past President E. W. Elliott. He stated that they found Mr. Elliott much improved but that he had remained home on his doctor's advice. Other members visited were Johnston MacKenzie, one of the oldest members, William Boreland, Marshall of the society, "Davey" McDonald, Wm. Thurott and Mrs. Adam Cameron. He stated that he was happy to see that both Mr. McDonald and Mr. Boreland were present.

Mr. MacKenzie expressed the thanks of the society as a whole to the three parties who donated the heather. Mrs. Adam Cameron, widow of the late Dr. Cameron, a past president, E. W. Elliott, and the Bebbington Gardens.

Mr. MacKenzie offered appreciation to the Social and Literary committee for arranging such a splendid program. He also mentioned the plans outlined at the annual meeting a short while ago concerning the Burns Night celebrations.

A vote was taken to decide whether to make the affair a mixed or exclusively male observation and the vote in favor of an "un-mixed" evening was unanimous.

In his closing remarks Mr. MacKenzie thanked all those present for their attendance. "We are entering a new year" he stated, "and with the co-operation of you all, 1938 should be a banner year."

The pipe band was again called upon, rendering the number "Cock O' The North."

A toast to the Queen was proposed by the president and responded to by Rev. Dr. Geo. E. Ross.

"There are no hearts so loyal and true as a Scottish heart" he said, "and may we remember that our good and gracious Queen is a direct descendant of King Robert Bruce."

A spontaneous burst of applause ordered an encore which the band rendered with "Bonnets of Bonnie Dundee."

A letter from D. J. MacLeod, Cambridge, England, a former president,

was next read by Arthur McF. Limerick. The letter expressed the regrets of the writer that he could not be present in person but assured the Society that he was there in spirit. The writer told of a recent trip to Scotland and a meeting with Walter Aikenhead, a member of the society and former resident of this city. The pipe band was again called on rendering the number "Hot Toddy."

The toast to the day, proposed by the president, was responded to by Rev. Donald Campbell of Stanley who stole the show of the evening with countless hits of Scotch humor at its best. The gathering roared with laughter, many times preventing the speaker from going on. The greatest treat of the evening, general comment attributed him with being the "best yet" of any Saint Andrew's celebration.

Veering from humor, Rev. Mr. Campbell referred to the Patron Saint of the Society, Saint Andrew.

He spoke of the spirit of fraternity symbolized by Saint Andrew and later the grit of the Saint as emblematic of the grit of Scotsmen the world over.

Following the response by Rev. Mr. Campbell K. C. Bishop arose and offered on behalf of the society the thanks for such an inspiring address by Rev. Mr. Campbell. "We have never listened to as enjoyable a toast" he stated, "and I believe the society should offer thanks to Rev. Mr. Campbell for his co-operation in making the evening the success it seems to be." The gathering heartily endorsed its applause expressive of concurrence with Mr. Bishop.

The greetings from other Scotsmen and Scottish societies in other parts of the world were read, which was followed by a vocal solo by Charles Johnston. The band was again called to service, offering the number "The Campbells are Comin'."

One of the outstanding features of the evening was "The Piping In of The Haggis," the traditional and age-old custom of the Saint Andrew's Day celebrations. William Boreland, one of the oldest members of the society, was Marshall of the procession.

The "Ode to The Haggis" was given this year by Allan Dunn. Robyn C. Bayley won hearty applause by his humorous reading of a skit on a "Simple Romance."

The toast to old members was offered by Dr. H. Miller and responded to by Major James Pringle. Following which Robyn C. Bayley gave a humorous and interesting reading. The pipe band rendered two numbers, "The Barren Rocks of Aden" and "The Campbell's Farewell to Redcastle," being greeted with applause each time.

Alderman F. S. Mundle proposed the toast to new members while Horace Hawkins briefly responded. The gathering was next delighted by a vocal solo by W. Hedley Wilson.

President MacKenzie referred to the fact that three brothers of the Crockett family Mr. Justice O. S. Crockett, Dr. A. P. Crockett and the late Dr. W. C. Crockett had at different times been President of St. Andrews Society. The president suggested that Harry C. Moore, the son-in-law of the late James H. Crockett address the Society. Mr. Moore made a brief and appropriate reply.

Following these ceremonies James G. Douglas of Stanley, took the floor and held the gathering enraptured with the charm of quaint Scottish ballads. Mr. Douglas was called back again and again, finally ending his portion of the ceremonies with the song "The Ayershire Coo."

A toast to the Press was next proposed, following which the President suggested a toast to the Social Committee. C. Hedley Forbes was called upon to speak and brought roars of mirth from the party in his response

Capitol
NOW PLAYINGA FAMILY
AFFAIR

WITH

Lionel Barrymore

Cecilia PARKER - Eric LIN-
DEN - Mickey Rooney - Charley
Grapewin

Directed by George B. Seltz

Produced by Lucien Hubbard
and Samuel Marx

Also NEWS COMEDY

Here THURS., FRI., and SAT.

"Hopalong Cassidy
Rides Again"

With WILLIAM BOYD

ADDED ATTRACTION

"ARMORED CAR"

With Robert Wilcox and Judith
Barrett

on behalf of the committee.

The President next arose and mentioned the large numbers present from Stanley and surrounding districts and proposed a toast to the members from that locality. This toast was also generously responded to.

The pipe band again came into play and then the gathering developed into a sing-song as the members, in friendly circle and arms on shoulders, offered such songs as "Auld Lang Syne," "Annie Laurie," and "Wee Doch an' Doris."

The festivities of the evening came to a close with a parade to the skirling of the pipes, and marching in columns of two, up Brunswick St., out York and down Queen to Regent Street, the procession came to a halt in front of the Waverley Hotel. The band paraded back and forth between the two lines in customary fashion. Another sing-song developed as individual single and double quartettes formed and offered Scotch ballads to the heavens through which the streaks of dawn were threatening to thrust their way. The town clock struck three and the glorious day came to an end. In twos and threes they moved away until finally the only music was that of a basso and a tenor, trying to get together on "Where The River Shannon Flows." Then they observed that they did not have a complete harmony quartette and were furthermore alone on a deserted street and they sadly moved along a happy evening ended.

The happy function was pronounced one of the most successful in recent years.

It was announced by President MacKenzie that Mrs. Charles McLean had presented the Society yesterday with a handsome portrait of Mrs. McLean's father, the late George Ross. Mr. Ross, who passed away a few months ago in his 90th year, was shortly before his death, made a life member of the Society. On his last appearance at the annual

GAIETY
NOW PLAYINGLOOK!
THESE FAMOUS FOUR
TOGETHER!JANET
GAYNOR
LORETTA
YOUNG
CONSTANCE
BENNETTin Ladies
in Lovewith
SIMONE
SIMONand
DON AMECHE
PAUL LUKAS
TYRONE POWER, Jr.Based on the play by
Ludwig Bus-Felke

Also Technicolor Cartoon

HERE FRIDAY and SATURDAY

Fred MacMurray
Frances Farmer
Charlie Ruggles

—IN—

"EXCLUSIVE"



function of the Society. Mr. Ross sang in a good voice "The Barin' O' the Door" and in response to an encore sang "I'm ninety in the morning but eighty-nine tonight."



Victims of the plane crash at Ostend the Grand Duke George and the Grand Duchess von Hesse, (above) who were instantly killed, along with their two children. The Duchess was the former Princess Cecile of Greece and Denmark, and a first cousin of the Duchess of Kent. The Dowager Grand Duchess, mother of Grand Duke George and of today's bridegroom, was also a victim.