



**DEFENCE RESEARCH HAS CIVILIAN APPLICATION**

Dr. Peter A. Forsyth, LEFT, Ottawa and Saskatoon, adjusts research equipment which played a major role in the development of the dramatic new communications technique known as "Janet". This method employs meteor trails to transmit radio messages over long distances.

TOP RIGHT—Dr. J.T. N. Atkinson, Halifax and Toronto, tests the adhesive characteristics of a wider use of aluminum in the electrical field.

BOTTOM RIGHT—Dr. Carl Brynko, Portage la Prairie and Toronto, left, and Dr. W.R. Smithies, Toronto, press frozen steaks on to the aluminum spikes of a dehydration apparatus developed by the Board. This new technique lessens materially to the processing time required by conventional methods for meat, poultry and fish. After rehydration and normal cooking the products are both tasty and tender.

National Defence Photos

**Alberta Restores The Oldest Hand-Hewn Church In North**

DUNVEGAN, Alta. (CP)—A Roman Catholic mission at Dunvegan Crossing, 300 miles north-west of Edmonton, is being restored as a monument to earlier days in Alberta. Work on the mission began in 1883 and historians say it is "the oldest hand-hewn church in the north."

The Alberta government pledged \$500 towards repairs to the abandoned log church's roof, doors and windows, and interested parties in this Peace River country are attempting to get the work done. Perched on the north bank of the Peace River, the dilapidated shell of the once-sturdy house of worship stands with its doors open, its roof sagging, an eerie reminder of Dunvegan's past as a main outpost of the North West Company's fur-trading route to the north.

**HISTORIC SITE**

Not far from the church, which served northern Beaver Indians from 1885 to 1903, explorer Alexander Mackenzie paused on his journey into the northwest. A cairn now marks the valley look-out where the adventurer stopped. Bishop Grouard, one of Northern Alberta's pioneer missionaries, decorated the church with paintings, including one he did himself on a large moose skin. When the mission was closed in 1919 because of the dwindling Indian population in the area, the moose skin painting was removed to the town of Peace River. It was later lost in a fire.

Today, all that decorates the old structure are names and addresses from almost every province of Canada and many parts of the United States, inscribed by visitors on the rough walls and pillars. One of the pencilled markings, which date back to 1935, is by a visitor from India.

After it was abandoned as a mission, the church served for several years as a house, a granary and a gas station.

The church site, along with five acres surrounding the mission, later was turned over to the government by church authorities in the hope that restoration work would be carried out and the area around the church designated as a provincial park.

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**10 Student Nurses Suffer Poisoning**

ST. JOHNS, Nfld. (CP)—Ten student nurses at the General Hospital here are recovering from food poisoning after feasting on contaminated moose meat.

The Health Department said one girl's mother, living in an outpost, sent her daughter a jar of preserved moose meat for a treat. The daughter called nine of her friends together Saturday night and they ate the contents of the jar without noticing any unusual taste.

As the students began to fall ill, hospital authorities called all the moose eaters in for a check. Each showed symptoms of food poisoning. However, they are all expected to be back to their studies in a day or two.

The Health Department said the incident didn't necessarily reflect on the cooking skill of the young nurse's mother. The moose meat may have become contaminated during shipment.

**OCEAN DEPTHS**

About 70 per cent of the world's surface is covered by oceans, with an average depth of two miles.

**TIMELY NOTES ON FUR TOPICS**

There were 19 exhibitors at the annual mink show of the Nova Scotia Mink Breeders Association which was held at Littlebrook Hall, N.S. Cecil Johnstone of Montreal was the judge and at a banquet held after the show he told those present that this was a very difficult period for mink breeders and they would have to figure on lowering the cost of production. Mink ranching has expanded greatly in recent years and this has caused an almost saturation point in the fur market. Other causes combined to make the present time look "not too bright." He was glad to note the improvements made in preparing mink pelts for the market. This would save the ranchers many dollars. Buyers demand that pelts must be properly handled and packaged and every precaution should be taken to present the furs in good condition so that they may reach the maximum price.

Mr. Johnstone told the breeders not to pin their hopes altogether on new types of mink because if they couldn't show a profit on the present types it was not likely they could show profit on new types. He advised fur ranchers to sell all their furs and budge carefully for the coming season. He also advised them to hold their mink show earlier when the mink had reached its prime. In a late show such as they were having the mink had lost part of their best appearance, particularly their sheen. The speaker stated that Nova Scotia mink ranchers will put over 30,000 pelts on the market this year and he estimated that Canada's production of mink pelts would reach 1,000,000,000 and that the United States Production would be in the vicinity of 4,000,000. He praised the mink breeders for the improvements they had made and for the fine show of mink at the Exhibition.

**WANT THE BEST**

An estimated 60 per cent of the mutation mink catalogue was sold at American Fur Auctions last week. Better goods continued to draw the best interest. The standard ranch collection of mid-Western mink breeders was 85 per cent sold. High prices reported included the following: EMBA Desert Gold males, \$33, females \$15; Cerulean males, \$24, females \$12.50; Pastel males, \$27.50, females \$12.50; Silverblue males, \$23.50, females \$11.25.

All the auctions are showing large quantities of furs to be sold this month and next month. The Western Canadian Raw Fur Auction Sales, Ltd. at Vancouver will commence Thursday, January 17. There are 125,000 rank mink catalogued, 40,000 of them are Canada Majestic dark, 20,000 Autumn Haze, 12,000 Cerulean, 10,000 Argenta. These are all EMBA and will be offered under special catalogue sections. . . . The Dominion Fur Auction Sales, Ltd. of Winnipeg, auction started last Monday, January 14, 55,000 ranch mink were catalogued, also 100,000 muskrat.

**WINNERS**

The winners were: Champion male of the show: a Sapphire Breath of Spring mink owned by Louis Logan, Musquodoboit, Reserve Champion, Male, Silver Blue Breath of Spring, owned by John McInnis, Breton Cove. Best Champion Female, Standard Dark, owned by John McInnis, Breton Cove. Reserve Champion, female, Royal Pastel, owned by Grant Sabine, Southville, Grand Champion of the Show, Sapphire Breath of Spring Mink, owned by Louis Logan, Musquodoboit. Reserve Grand Champion, Standard Dark Mink, owned by John McInnis, Breton Cove. Best trio, 1 male, 2 females, Dark Mink, owned by John McInnis, Breton Cove. High point winners: 1, John McInnis, Breton Cove, 2, Donald Urquhart, West Bay, C.B., 3, Grant Sabine, Southville, 4, Donald Mullen, Havelock, 5, Charles Wright, Truro.

Austin Mullen of Havelock, N.S. was elected president of the N.S. Mink Breeders Association.

**Head Of Nfld. Lumbermen Not Alarmed By Union**

ST. JOHN'S, Nfld. (CP)—J.J. Thompson of Grand Falls, Nfld., head of the Newfoundland Lumbermen's Association, said Tuesday he is not worried by attempts of an international union to recruit his members.

Mr. Thompson, who founded the Independent Lumbermen's Association 20 years ago and now claims 8,000 members, was in St. John's for a regular meeting of the Newfoundland Woods Labor Board, a government agency before which labor and management plead their positions.

The International Woodworkers of America (IWA) which has organizers active in Central Newfoundland, is not represented on the Woods Labor Board. The IWA claims it has met with unexpected success in a membership drive aimed at present NLA members and based on promises of improved camp conditions.

Mr. Thompson said the IWA 'claims 100 per cent in some camps, but the percentage is more like 10 or less. I don't think they will succeed but they will perhaps cause some trouble which we will have to overcome.

Meanwhile, Pierce Fudge of Currier Brook, head of the Newfoundland Laborers Union, an independent loggers organization of about 5,000 members, said he takes exception to the stand of the Newfoundland Federation of Labor (N.F.L.) that the international trade union movement would give Newfoundland workers the best deal.

He said federation president Frank Chafe was "prejudiced against local unions — we are aware Mr. Chafe does not recognize any unions other than those affiliated with international unions."

Mr. Fudge was also in St. John's to attend the Woods Labor Board meeting.

**Sweeping Changes Proposed In Senate Divorce Procedure**

OTTAWA (CP) — Sweeping changes are proposed in the Senate's divorce rules to bring them into line with modern court procedure and eliminate what Senator Arthur Roebuck describes as "atrocious" wide-open pleadings.

Main commendation in a report tabled Thursday in the Upper House by the Ontario Liberal Party is that persons seeking parliamentary divorces must name co-respondents in their petitions. They also would have to state the time and place the alleged adultery was committed by the respondent.

The report was prepared by J. F. MacNeill, Senate clerk, E. Russell Hopkins, law clerk, and Harvey Armstrong, chief clerk of Senate committees.

They were instructed to study the rules, virtually unchanged in the last 50 years, after Senator Roebuck protested last session that the rules were old-fashioned and needed to be streamlined.

The changes recommended were approved Tuesday by the Senate divorce committee, which hears cases from Quebec and Newfoundland, only provinces without divorce courts. The report will be considered next Thursday by the Senate.

The practice of Parliament is to grant divorces only when adultery is proved. Divorce petitions from the two provinces run about 400 annually.

**DEAL FAIRLY**

Senator Roebuck said the main effect of the rule changes, which would be effective Sept. 1, would be that a person named in a divorce petition as a co-respondent would have an opportunity to defend his or her reputation. All co-respondents would receive papers notifying them of the accusation.

He said under the present rules the petitioner is not required to name the co-respondent and may make vague allegations of adultery being committed at "divers

times and places."

Under the new proposal the petitioner would be permitted to file a divorce application if the name of the co-respondent was unknown. However, the petitioner would have to satisfy the divorce committee that every effort had been made to learn the name and address of the co-respondent.

Senator Roebuck said the Senate committee's plan at the next session of Parliament would be to ask all petitioners who have not named co-respondents or given details of acts of adultery to explain why. The committee then would exercise its good judgment to determine what should be done.

**New Mayor For Fredericton, N.B.**

FREDERICTON (CP) — The new mayor of Fredericton, William T. Walker, will be sworn into office in the council chamber at city hall today, two days after his election by a substantial number of votes over the previous incumbent, Dr. H.S. Wright.

Elected by acclamation when no persons opposed them when nominations closed Dec. 28 were five aldermen. Three were members of the City Council last year and two are newcomers. Those re-elected were Aldermen J. Ernest Anderson, J. Walter Whittingham, and Charles E. Weyman, while those elected for the first time were Dr. W. Blake O'Brien, and Robert S. Myles.

**EIGHT REBELS KILLED**

HAVANA, Cuba (AP) — Eight rebels were killed and two members of the armed forces suffered fatal wounds in a clash in Oriente province, the army general staff announced Friday. Three members of a mixed army and navy detachment suffered non-fatal wounds.

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