

# AGRICULTURAL NEWS

P. E. I. Department of Agriculture

## NEW LABORATORY

A modern Animal Pathology Laboratory containing the latest equipment for the study of diseases of livestock, poultry and wildlife in the Atlantic provinces will be officially opened on Friday, January 6th, on the campus of Mount Allison University.

The new Laboratory will be operated by the Animal Pathology Division of the Federal Department of Agriculture. The building was constructed by the M. F. Schurman Company of Summerside, P. E. I., and designed by E. A. Gardner, Chief Architect, Canada Department of Public Works, to fit in with the architecture of the surrounding buildings on the University campus, where it is situated on the quadrangle occupied by the Memorial Library, Centennial Hall and Science Building. The construction was carried out under the supervision of the Canada Department of Public Works.

One of the important features of the building will be a virus section which will be the only one of its kind in this area. It will be equipped with air tight cages which will permit the study of several virus diseases at the same time. Air will be drawn out of the cages in such a way that there will be no chance of the infection being transmitted to humans working with these diseases. This will also serve to prevent transmission of disease from one cage to another, so enabling a number of tests to be conducted at one time.

In addition to the virus section, the building contains three laboratories, an auditorium, a post mortem room, a library, a preparation room and an animal room.

The laboratory is part of a chain of laboratories operated by the Animal Pathology Division which consists of a headquarters at the Animal Diseases Research Institute at Hull, Quebec, and other branch laboratories at the University of British Columbia, Vancouver; Macdonald College, St. Ann De Bellevue, Quebec; and Lethbridge, Alberta.

## NATAL PATHOLOGY DIVISION

Like several other Government organizations, the Animal Pathology Division of the Dominion Department of Agriculture has its origin outside of the Research Institute. In 1876, Dr. William Oeler, later Sir William, had not then devoted himself to clinical medicine but was pathologist to McGill University, teaching in the medical and veterinary school.

It became apparent that many problems in animal pathology in Canada required solution not only because of the economic interests involved but also because many disease conditions of animals are transferable to man. The Head of the Veterinary School of McGill was also engaged as the Chief Veterinary Officer of the Dominion Government. Consequently, work in animal pathology was initiated and carried on by Oeler until he left Montreal. His successor, Dr. George Adams, was engaged by the Dominion Government as part-time animal pathologist and a station was established in Outremont, Montreal, for the study of animal diseases.

When the Dominion Department of Agriculture was reorganized in 1902 this laboratory was transferred to Ottawa. A period of slow growth followed during which time a Division was organized and finally the large Animal Diseases Research Institute was established at Hull, P. Q. This is the headquarters of the Division. In 1943, a vigorous programme was established. The central Institute in Hull was strengthened and three new branch laboratories organized.

It was at this time that a survey of the conditions of the various branch laboratories led to the choice of Sackville as a desirable site to establish a Maritime Area Branch. Temporary arrangements were made with Mount Allison University to supply quarters to carry on the work. Dr. J. F. Frank was transferred from Hull to this newly established laboratory and work commenced. It was soon clear that certain local problems in the Maritimes required careful study. Within a few years it was demonstrated that the work had far outgrown the accommodation, also that certain problems could not be attacked because of the lack of proper facilities. When this was brought to the attention of the administration, it acted immediately and funds were made available for the construction of a modern laboratory which should serve the needs of the Maritimes for many years to come. Mount Allison University gave its full cooperation and supplied a site for the new building. The Department and the University are to be commended for their far-sighted policy which is bound to lead to an improvement in economic conditions in the Maritime Provinces.

## TURKEY LEFT-OVERS

**CASSEROLE DISHES:** Combine sliced, diced or chunks of turkey with eggs, cheese or vegetables. Use turkey gravy or any of a variety of sauces. Kernel corn and sliced turkey with a rich cheese sauce season with a hint of onion juice makes an excellent combination. This may be varied by adding a cup of tomato soup heated with a small chopped onion, a

touch of garlic, a small bay leaf and two whole cloves. Remove the bay leaf and cloves before combining with the other ingredients.

**TURKEY PIE** is always attractive and good. Combine turkey, vegetables and gravy in a shallow baking dish or individual casseroles and heat in a hot oven. Cut pastry topping in circles or designs and bake on a baking sheet...place on the pie just before serving. An attractive topping may be made by rolling biscuit dough about 1/4 inch thick, spreading with a mixture of shredded carrots and chopped parsley, rolling and cutting pinwheel fashion. The pie may also be topped with a ring of seasoned mashed potatoes, added before baking.

**BAKED TURKEY HASH** is another excellent dish. Combine equal parts of ground cooked turkey and ground or finely chopped potatoes. 2 tablespoons chopped green pepper, 1/4 cups of finely chopped onion and 1/2 cup of turkey broth. Season with salt and pepper. Potato can be substituted for green pepper or it can be left out if not available. Place in a greased baking dish and bake in a moderate oven about one hour. Remove cover during the last half hour for browning.

**TURKEY DUMPLINGS** are different and delicious. Use your favorite dumpling recipe, adding minced turkey to the dry ingredients. Cook in turkey gravy or turkey broth.

## DIGESTION IN ANIMALS

There are three types of animals in regard to their digestive systems.

1. Herbivorous (herbivorous) or grain and grass eating animals, such as the horse, cattle, sheep, goats and rabbits.

2. Carnivorous (carnivorous), or meat eating animals, such as the dog, cat, and many wild animals.

3. Omnivorous (omnivorous), or eating anything, such as man, the hog and poultry.

Each type of animal is specially treated to handle certain foods, and while digestion is basically the same in all animals, the exact manner may be quite different.

The horse, pig, dog and cat have but one stomach, while cattle, sheep and goats have four stomachs.

## DIGESTION IN POULTRY

The food is picked up by the beak, and it then passes to the crop which is merely a reservoir for soft food, much like the paunch in cattle.

As needed, the crop squeezes out a little food into a sort of gullet which runs to the gizzard. Here, it is ground fine, and it then passes into the bowels, where bile and the other digestive juices are mixed with it, and absorption of the nutrient takes place.

After being thoroughly digested, the intestinal contents pass into a common outlet for both the lower bowel and bladder, called the cloaca.

## Enjoyable Social Function Held At Harrington Hall

The December meeting of the United Church Men's Association of York was held recently in the Harrington Hall, when seventy-five men who sat down to a chicken supper with all the trimmings, provided by the ladies of Brackley W.M.S. The winter weather and clogged roads were not able to prevent a record attendance to date.

The president, Wylie Gibson, presided and called upon Keith Cudmore, Brackley, to give the blessing. At the close of the meal the thanks of the association were tendered to the ladies by Ivan Bryenton, Brackley.

A sing-song of familiar Christmas carols followed, with Tom Vessey, York at the piano, was led by Rev. J. M. Spry who also conducted the devotional period. Regrets were voiced by Wylie Gibson that Mr. Angus MacLean, M.P. was unable to attend the meeting, due to road conditions near his home. Honoured guests were Mr. Neil Matheson, M. P., and Mrs. Matheson. Mr. Matheson introduced by Guy Rodd, Brackley, gave an interesting address on certain phases of legislation and on the numerous calls a member receives both of a personal and human interest nature.

The vice-president, Leith Brown, York, extended the thanks of the gathering to the speaker for his interesting address, and for his songs rendered in both Gaelic and English, also to Mrs. Matheson for her assistance at the piano.

Those with December birthdays were saluted, and a cordial welcome was extended to those attending for the first time. Special mention was made of an absent member, Roy Keizer, Grand Tracadie, who is at present undergoing treatment in the Provincial Sanatorium. The meeting closed with the "Queen" and pronouncing of the benediction.

## STOP HEADACHE

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## CLEARANCE

There are still a few re-dented Machines left from our January Clearance Sale. BUT call Now or you'll miss your chance.

**SINGER SEWING MACHINE CENTRE**  
164 Gt. Geo. St.



**PROMOTED TO GROUP CAPTAIN**—One of the RCAF's top fighter pilots in the Second World War, Wing Commander R. W. (Buck) McNair, has been promoted to Group Captain. For gallantry on operations he was awarded the DSO and DFC with two bars. Group Captain McNair, of Springfield, N.S., and North Battleford, Sask., was transferred to Air Defence Command in 1953. He previously served as commanding officer of R. C. A. F. Station Lachine, P. Q., and as air advisor to the Canadian ambassador in Japan (National Defence Photo).

## WHEATLEY RIVER W.M.S.

The December meeting of the Wheatley River W.M.S. met at the home of Mrs. Harry Ling on Thursday evening, Dec. 15, with nine members and two visitors present.

The Christmas program as outlined in the Monthly was presented. What Child is This? with Mrs. Leonard Ling leader, and all members present, assisting in Scripture Passages and joining in the singing of Christmas Carols.

The business period was conducted by the President, Mrs. Cora Ling.

Minutes of the November meeting and minutes of last year annual meetings were read and approved.

Roll call was answered by members reading in turn from the 19th chapter of the Gospel of St. Mark. Nine sums were realized from the opening of Mite Boxes and sale of cards.

The treasurer gave an encouraging report. One thank-you card was read. Twelve calls were reported and four cards sent.

Mrs. Fred MacRae invited the members for their next meeting, when the leader will be Mrs. Harry Ling.

Circle of Prayer followed by dedication of Mite Box by singing. We give thee but thine own. The president thanked the members for their splendid cooperation during the past year.

The following slate of officers were elected for the coming year: President, Mrs. Cora Ling.

# City and Central

**DIES IN BOSTON**—Word has been received from Boston, Mass., of the death there of Mrs. J. P. Matheson, the former Bell MacKinnon. Mrs. Matheson was in her 95th year. Her sister, Mrs. Angus N. MacLeod, and two brothers, Finley and John, predeceased her some years ago.

**Funeral at Pleasant Valley:** The funeral of Linda Georgina Pound, infant daughter of Mr. and Mrs. George Pound was held from Pleasant Valley Church on Sunday afternoon January 1st. The service at the church and grave was conducted by Rev. Mr. Raynor. The pallbearers were: Donnie Pound, Gordon Hanson, Karl Hanson and Heath Stevenson. Burial was in the church cemetery.

**FUNERAL AT FAIRVIEW**—The funeral of Mrs. Archibald Macdonald of Glasgow Road, was held from the Fairview Baptist Church on Thursday afternoon, December 29th. The services at the church and grave were conducted by Rev. Owen Cockran. The pallbearers were: Messrs. Art Ford, Parker Ford, Douglas Macdonald, Hubert Oatway, Leonard Roberts and J. Dan MacLeod. The interment was in the church cemetery.

## Personals

Mrs. Bernice Chappell, Kensington, is visiting with her friend, Mrs. P. N. Manuel, Charlottetown.

Mr. Arnold Ford left on return to Toronto after spending the holiday season with his parents, Mr. and Mrs. Elby Ford, Eden Street.

The Misses June, Shirley and Helen Rose Eikhoud, returned to Saint John, N.B., and Hamilton, Ont., by plane after spending Christmas with their parents in Wheatley River.

daughter Gail Summerside, were weekend guests of Mrs. Grant's mother, Mrs. Helen Carmody, 17 Spring Street, Charlottetown. They left Tuesday afternoon to return to their residence at 173 Cambridge Street in Summerside.

**Vice-President, Mrs. Preston Rackham.**

**Secretary, Mrs. Reagh Barrett.** Treasurer, Mrs. Gordon Andrews. Christian Stewardship, Mrs. Leonard Ling. Literature Secretary, Mrs. Harold Buntain.

**Missionary Monthly, Mrs. Harry Ling.** Christian Citizenship, Mrs. Robert Sellar.

**Friendship Secretary, Mrs. Harold Chandler.** Press Secretary, Mrs. Reagh Barrett.

**Supply Secretary, Mrs. Gordon Andrews.** A vote of thanks was extended to the officers for their good work in the past year.

A lovely lunch was served by the hostess.

## WE TREAT THE SICK WELL

Giggey's Pharmacy open 8 a.m. to 8 p.m.

**REGULAR THURSDAY** night dance Canadian Legion Home-entertainment. Music by Erwin Jeighan and Sunshine Boys. Admission 50 cents.

**HOYT'S BEAUTY** Salon Specials on Creme Cold Permanent Waves and Machineless Creme Permanent Waves. All experienced operators. Dial 6311, 153 Queen Street.

## IN MEMORIAM

In loving memory of our dear father Capt. Melton J. Chapman who passed away Jan. 4, 1956. As Angels keep their watch up there

Oh God please let him know That we down here do not forget We love and miss him so. Ever remembered by wife and family.

## New Honor For Churchill

**LONDON (Reuters)**—The Hudson's Bay Company announced Monday night that Sir Winston Churchill has accepted an honorary appointment specially created for him. He is to be the company's grand seigneur.

Sir Winston's full title, linking him with some of the greatest pioneers and explorers in Canadian history, will be "grand seigneur of the Company of Adventurers of England Trading Into Hudson's Bay." This is a reminder of the full name of the company, under which it was incorporated in 1670 by royal charter of King Charles II.

In their announcement the governor and committee of the company said: "This office has been created by the board of the Hudson's Bay Company in order to do honor to the greatest living statesman and to renew the company's link with the illustrious name of Churchill."

The statement recalled that Sir Winston's ancestor, John Churchill later first duke of Marlborough, became the third governor of the company in 1685, holding the post for seven years.

The fur post of Churchill, earlier named for Prince of Wales, was renamed in his honor and is now the flourishing port and terminus of the Hudson's Bay Railroad in Manitoba.

## CLERIC STILL HELD?

**VATICAN CITY (AP)**—L'Observatore Romano says Stefan Cardinal Wyszyński, Roman Catholic primate of Poland, is still a prisoner. A Warsaw dispatch published in New York recently said the cardinal had been released from internment and was living in a monastery in southeast Poland. The Vatican newspaper says: "In reality there has been no liberation..."

# Montreal Airman Cited In Queen's Honors List

**LONDON (AP)**—Queen Elizabeth Monday honored ballerina Margot Fonteyn, mystery writer Agatha Christie and Rudolf Bing, manager of New York's Metropolitan Opera, for spreading British artistic accomplishments to all parts of the world.

The 29-year-old Queen also gave recognition to Sir Osbert Sitwell, member of the world-famed literary family, Shakespearean actor Paul Scofield, and historian Miss Cicely Veronica Wedgwood in her New Year's honors list.

She created four new barons and handed out a host of knighthoods and lesser accolades for services in a wide field of endeavor. The honors reflected the Queen's great interest in encouraging the arts, science and sports.

Dr. Lawrence Plewes, formerly of Toronto and now consulting orthopedic surgeon at Luton and Dunstable Hospital, England, was named a commander of the British Empire.

## MONTREAL MAN

The Queen's commendation for valuable service in the air went to Ft. Lt. Gordon Price of Montreal.

Gordon Bowen, senior United Kingdom trade commissioner in Ottawa, received the Companionship of the Order of Saint Michael and Saint George.

Outstanding among honors conferred upon women was that of a Dame Commander of the Order of the British Empire—equivalent to knighthood—to 36-year-old Miss Fonteyn. She is the wife of Dr. Robert Arias, Panama ambassador to London, and prima ballerina of the Sadler's Wells Company.

Bing, artistic director of the Edinburgh Festival and general manager of the Glyndebourne Opera here before going to New York in 1950, became a Commander of the Order of the British Empire "for services to music."

## SIMILAR AWARDS

Similar awards went to Miss Christie, Miss Wedgwood, Sir Osbert, 63-year-old poet, essayist, novelist and short story writer, and Scofield, 33, who recently played Hamlet with a British company in Moscow.

Harry Hopman, manager of Australia's Davis Cup tennis team, also received a CBE. Two other Australians, cricketers Ian Johnson, 37, and Keith Miller, 36, were each named a member of the Order of the British Empire.

Dr. Cyril Garbett, Anglican primate of England and Archbishop of York, was raised to the peerage, but he died Saturday before the honors list became public. He was told a week earlier that he was to become a baron but his death nullifies the appointment.

Three others made baron were: Col. John Jacob Astor, 69, chairman of The Times of London and member of the famed Anglo-American Astor family.

Sir Francis Raymond Evered, 56, member of the permanent court of arbitration at The Hague. Sir Frederick Godber, 67, chairman and managing director of the Shell Transport and Trading Co. Ltd.

Group Capt. Douglas Bader, legless hero of the Second World War, was awarded the CBE for inspiring other handicapped persons to overcome their disabilities.

Three new Companions of Honor were appointed: The prime minister of Ceylon, Sir John Kotelawala; Viscount Cecil of Chelwood, winner of the Woodrow Wilson peace prize in 1924 and the Nobel peace prize in 1937; and Arthur David Waley, translator and poet for his "services to the study of Chinese literature."

Charles Howard, an ex-merchant navy radio operator who allowed himself to be bitten 770 times by infected mosquitoes during three days in malaria research, became a member of the Order of the British Empire.

## HAMILTON W.I.

Mr. and Mrs. George Crozier and Mr. and Mrs. Wendell Crozier opened their spacious home to the members of the Hamilton W. I. and their husbands on the evening of Dec. 1st.

The occasion was a Hot Pot Luck Dinner prepared by the lunch committee of the Women's Institute. The dinner was much enjoyed by all and Mr. Lloyd Lockerby on behalf of the gentlemen present thanked the ladies for the delicious dinner and the Crozier family for their hospitality.

The Ladies' held their regular Institute meeting, opening with "Silent Night," and repeating the "Collect." Roll call was answered by an exchange of Christmas gifts.

Seventeen members were present and four visitors. Correspondence was read and discussed. On motion it was decided we choose our appeals the first of the year. The Protestant Orphanage, C.A.R.E. Institute for the Blind were selected. Nine members subscribed to Institute News. It was decided to remember shut-ins at Christmas.

It was moved by Mrs. Wendell Crozier, seconded by Mrs. Heber Pickering that meetings start on time (8 p.m.) and business period not to exceed 1-2 hours. Hall committee reported buying a piano lamp for the hall. Collection \$1.95. Meeting adjourned.



**PROMOTED** - Flying Officer Donald E. MacLean, DFC, 33, of Summerside and Charlottetown, who has been promoted to the rank of flight lieutenant, effective January 1, it has been announced by Air Force Headquarters. A native of Summerside, he is employed as a construction engineer in the Directorate of Construction Engineering and Design at Air Force Headquarters. (National Defence Photo).

## Kelvin Grove Couple Honored

A pleasant evening was spent at the home of Mr. and Mrs. Percy MacMurdo, Kelvin Grove, when a large gathering of friends and neighbors came to honor their son, Ian, and his bride, Mrs. Ralph Mose. Mr. Mose had the role of chairman and after a few congratulatory remarks called on Allison MacMurdo who read a nicely worded address, conveying good wishes along with some good advice to the newlyweds. Messrs. George Caseley and Wilfred Waugh presented them with a chair and a mirror on behalf of the community.

The many gifts presented by others were opened by Mrs. Douglas Webster, the accompanying verses read by Mrs. George Caseley and presented by Mrs. Eric MacMurdo.

Ian responded thanking all for their lovely gifts and extended a hearty invitation to all to visit them in their new home. "For They Are Jolly Good Fellows" was then sung.

The remainder of the evening was spent in social chat and games. Piano duets by Misses Erma Reeves and Roberta Hogg, were much enjoyed.

# New Way Relieves Arthritic, Rheumatic Pain Without Pills

Greaseless, odorless cream penetrates deep, speeds flow of fresh, rich blood into sore areas, helps drive away pain-causing pressure.

Toronto, Ont. (Special)—Science has now developed an odorless, greaseless cream that acts in a new way to bring hours and hours of relief from pains of arthritis and rheumatism—without the need of taking pills and other medicines that may upset the system.

Rubbed gently into painful areas, the cream penetrates so deep it actually vanishes into the skin. It speeds the flow of fresh, rich blood into sore muscles, joints. Actually helps drive away pain-causing pressure and congestion.

Used by doctors in England, France and the U.S.A., this remarkable cream is now available without prescription at drug stores everywhere. Ask for Infrarub. Only \$1.39 a large tube. Infrarub is guaranteed to give comforting relief from arthritis-rheumatic pains or your money back. \*Reg. T.M.

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