

## Tuxis Column

### Material Supplied by Members of the Local Square

#### WHAT IS A TUXIS BOY?

During our bond selling campaign we have been several times asked: "What is a Tuxis Boy?" We have tried to explain in a few words the answer to the very frequent question. After reading the following lines, I am sure our citizens of Athens will not hesitate in helping the Tuxis Boys of our town in raising their general work force.

For a number of years, through the Canadian Standard Efficiency Training, thousands of the keenest of Canadian older boys have been developing into citizens who will some day lead the business men, professional men and statesmen of our land.

When a trainer takes charge of an athlete who is to be a high jumper, he has in mind a picture of the form he wants his man to show as he goes over the bar. So it is with the men who have been working out this course of training for older boys. They have a clear picture of the type of young manhood it should produce.

The Tuxis Boy will be strong physically. In all probability he will be an athlete, for he will have followed a scientific course of training in physical development. The Tuxis Boy will be strong intellectually. When given an opportunity, he will be able to face an audience and express his thoughts convincingly, because on many occasions he will have done the same thing before the little group of fellows who are members of his Tuxis Square. He will thus have made trips to places of historical and industrial interest. He will thus have an opportunity to learn the various ways in which men make their living. This will help him in the choice of life work.

Another feature of the Tuxis Boys' programme is camping and woodcraft. What a joy it is to the camp director to see a boy make himself as much at home and comfortable in the backwoods as if he was at home on a spring mattress. Tuxis Boys will be experienced campers. Those who have access to the water will be perfect swimmers and life savers.

Tuxis Boys will be strong socially. They will make their leisure time profitable. There will be plenty of fun and good time. Above all, a Tuxis Boy will not be lopsided. They stand four square. The Tuxis Boy will find many new interests which centre around his home. As he follows from week to week the suggestions outlined by his mentor he will acquire a great strength of personality.

The Tuxis Boy will be developed religiously. His church and Sunday school will take on a new meaning. In fact, the inspiration for his entire life will centre around his Tuxis Square, which will meet not only as his Sunday school class, but also one evening during the week. It is said that the Tuxis programme is a training in Canadian citizenship. It is that and more. It is a training in Canadian Christian citizenship. The entire programme is Christ centred. It is based on the Biblical record of the growth and development of Jesus Christ, of whom, when He was the age of Tuxis Boys, Luke, the physician, tells us "increased in wisdom and stature and in favor with God and man."

## Third Meeting Literary Society

The third open meeting of the Athens High School Literary Society was held in the auditorium of the new High School on Tuesday evening, Feb. 3rd. The meeting was the first social event in the new High School and was under the direction of the Second Form.

Eight o'clock found the auditorium packed to the doors, and soon after the hour the meeting was opened with the Schol Song. This was followed by a short address by the chairman, Mr. S. Hollingsworth, Jr., after which the business was dealt with.

A solo by Miss Beth Seed, which was followed by an interesting debate, on the subject "Resolved that Men Spend More Time and Money on Pleasure than do Women," with First Form taking the Affirmative, and Second Form the Negative. The decision of the judges was in favour of the affirmative side, composed of Gordon Ireland, Polly Algure and Jack Hollingsworth. The speakers for the negative were John Frye, Kathleen Stacey and Sinclair Peat.

The audience then participated in community singing, which was followed by three numbers by the Jazz Orchestra composed of second form boys. A number of the pupils were then called on for stump speeches and songs, which was followed by a well rendered instrumental duet by Mildred Coon and Murray Curtis.

The last two items on the program were the reading of the school paper by Marion Earl, and some fine gymnastic stunts by the Second Form boys. The meeting then closed with the report of the critic, Mr. Jos. Thompson, and God Save the King.

## Athens Wins First Game Semi-Finals

### Delta Defeated at Home 6-3 on Wednesday

#### RETURN GAME HERE SAT

The first game of the semi-finals in Leeds County Hockey League was played in Delta this Wednesday when Athens won by 6 goals to 3. As total goals count in the play-off this gives Athens a three goal lead for Saturday's game here.

Half of the first period had gone, with Delta playing in Athens territory most of the time, when C. Lang broke away, fooled the defence, and put the puck past Dugall for the initial tally. C. Lang then again got the puck from the face-off and worked his way through the Delta puck chasers for number two. But this was all the scoring Athens could accomplish in this period. Chisholm of Delta soon got the puck and beat Yates for a goal, and in a few moments Delta scored again. This tally was disputed, but allowed, the goal judge being changed. The first period ended two all, with no penalties.

The second frame opened with fast hockey, and after five minutes of play Delta scored. Athens did not even the count till near the last of the period, when C. Lang again fooled Dugall. The second period also ended a tie the score being three all, with penalties having been given to R. Layng, Russell and Chisholm.

Athens did not take long to break the tie in the third. J. Scott skated down through the middle of the ice, evaded the defence, and scored. R. Lang making 5-3 shortly after. Near the last of the period L. Johnston again fooled Dugall, the period game ending 6-3. In this frame R. Layng, Chisholm, Elliott and Haskins drew penalties.

R. Taylor showed the best stick handling and checking of anyone on the ice, but lost track of the goal at critical moments.

Delta are coming down here Saturday determined to overcome their lead, and win the group honours. Come out and root for our boys; you'll get your money's worth.

The teams were composed as follows: Athens, goal Yates, defence L. Taylor, J. Scott, centre R. Lang, wings C. Layng, R. Taylor, subs. L. Johnston, G. Purcell.

Delta, goal F. Dugall, defence A. Haskins, R. Halliday, centre J. Greenham, wings D. Elliott, F. Chisholm, subs. H. Russel, G. Snyder.

In the semi-final game in Division 1, on Wednesday, Newboro secured a two goal lead over Westport, the score being 4-2. The return game will be played on Saturday. The winners of the two groups will play off for the Stewart Cup.

The last two scheduled games played on Saturday, Jan. 31, resulted in Elgin being defeated at home, 6-2, by Newboro; and Delta defeating Lyndhurst on the latter's ice 2-1, eliminating Elgin and Lyndhurst in the race for group honours in Divisions 1 and 2 respectively.

At the end of the schedule, the group standing is as follows:—

## SOUTH AUGUSTA

South Augusta, Jan. 30.—Miss Lela Baker has returned from a visit to friends in Prescott.

Mrs. John Kelly is visiting friends in Brockville.

R. S. Crummy has returned from Toledo where he attended the funeral of his nephew, Clifford Crummy. William Easton was a recent guest of his son, Sidney Easton, Athens.

Mrs. Albert White spent a few days this week with her daughter, Mrs. Horton Easton.

Mrs. George Gardiner was renewing old acquaintances here last week.

Mrs. Ransom Ferguson is visiting her parents in Rockport.

Miss Lena Knapp is visiting at her home here.

William Cole is spending a few days at Horton Easton's.

Mrs. Jessie Easton is feeling much improved after her recent illness.

Arnold Robinson was a caller here one day this week.

A number of the young people are enjoying skating parties at B. Watson's.

The Women's Institute purpose holding its monthly meeting at the home of Mrs. W. C. Read on Wednesday.

Thomas Gilpin spent Sunday at John S. Beattie's.

Mr. and Mrs. Clifford Sargent and family have moved to Algonquin this week.

## Annual Report Presented to Counties Council by E. F. Neff

### Many Branches of Work Carried Out During Year

Home Garden Contests—Live Stock Judging Competitions—Ten School Fairs Re-organized.

Following is a copy of the report A silver cup, presented by the Canadian Bank of Commerce, for the young man securing the highest number of points in all classes was won by Arthur Horton, Lansdowne, one of the members of last year's short course, held here.

In September, at the Canadian National Exhibition at Toronto, five junior farmers took part in the stock judging competitions and a team of three young ladies, members of last year's winter class in sewing at Lansdowne, were entered in an inter-township household science judging competition in which 53 teams from various parts of the province were entered. Our team stood second place and two members of the team won prize money in a very keenly contested competition.

At the Central Canada Exhibition in September at Ottawa five junior farmers from Lansdowne took part in the live stock judging competition and each contestant won prize money in one of the classes which he entered.

Farm Labor and Immigration.

The local office of the Department of Agriculture is used as a clearing house for farm help. During the past year 31 single men, 8 married men and their wives and children were placed on farms in the county. Most of these were placed in co-operation with the Colonization's Branch at Toronto, although we also send applications to the Salvation Army office at Smith's Falls where a representative was stationed for the allocation of immigrants through that organization.

In addition to this, information is given on properties for sale in Leeds County. I feel that the Counties Council might well look into the matter of providing some money for advertising Leeds County as a district where good dairy cattle could be secured. A booklet could be published setting forth the resources of the county and encouraging settlers from the old provinces to settle in the counties bordering the great St. Lawrence, and so closely connected with the Thousand Islands, which have, and should have, a world wide reputation.

Drainage Surveys.

Many applications for farm drainage surveys are received each year through our office, and the smaller jobs, which include mostly taking levels on open ditches, etc., are done by the representative. Applications for surveys for larger areas are sent to the Physics Department at Guelph and Mr. C. A. Warren, of the Mechanics Department, Kemptville Agricultural School, is advised of the work, makes a complete survey at no cost to the farmer, has a blue print made of the drains required, and this plan is sent to the farmer for use when drains are being put in or for future reference. This service, while not being used as much as it might be, is being appreciated and made use of more each year. Three surveys and plans were supplied last year covering an area of 430 acres.

Wool Marketing.

It has been the policy of the Department of Agriculture to assist farmers in marketing their wool through the Canadian Co-operative Wool Growers, Limited. Last year 31 men marketed their wool through this organization with a total of over 700 fleeces. Prices received by farmers through marketing wool through this organization have averaged over six cents per pound more than that paid by dealers who have gathered up wool through the county. The fact that the wool shipped to the Canadian Co-operative Wool Growers, Limited, is sold on a graded basis, has had a great deal to do with improving the quality of wool produced, not only in Leeds County but in Ontario generally.

In co-operation with the Live Stock Branch, Ottawa, we have encouraged dipping of ewes and lambs, and this has had a decidedly beneficial effect upon the quality of the wool produced. We helped to install five cement dipping tanks and arranged for four dipping demonstrations, when more than 500 sheep were dipped, valuable assistance also being rendered by the Dominion Live Stock Branch. In addition to this, four days was spent in various parts of the county with demonstrations on docking and castrating lambs, some 425 being treated in this way. This means an increase in value of male lambs at least of \$2 per head, as this is the cut received on ram lambs after July 15th at the live stock yards.

Poultry Culling Work.

Our nine poultry breeding station flocks are culled each year by a member of the staff of the poultry department, O.A.C., Guelph, which department also supplies pedigreed cockerels for mating with the pens each year from which eggs are produced each year for school fair purposes. This culling work is usually done in July, and this year we took the opportunity of putting on several poultry

## Changes in Mail Service

On Monday last a change took place in the manner of despatching mails on B. & W. Branch of the C. N. R. The Railway Post Office has been removed and a through baggage service installed, so that now mails can be sent from Athens Post Office twice daily to Brockville and all points east and west on the main line of the C. N. R. and also the C. P. R.

Mail despatch on the afternoon train now consists of a mail to Delta, Lyndhurst and Westport only. Mail to and from other points along this line than those mentioned will be sent to Brockville and despatched from there.

In conversation with our Postmaster, he thinks that, so far as Athens Post Office and its patrons is concerned, that this is a splendid arrangement and should give general satisfaction.

## LARGE PROPERTY TRANSACTIONS IN OTTAWA COMPLETED.

Eight properties, including three apartment houses containing 26 apartments, a triplex apartment, two rows of houses and two single residences, the whole valued at around \$150,000, were sold at the week-end.

The largest transaction was a deal involving the Alden Apartment, 200-211 O'Connor street; the Walton Apartment, 205 O'Connor street, and the Rutland Apartment, 264 Lisgar street, which were formerly owned by Mr. H. Taplin and which have been purchased by Mr. W. Cochrane, well known Ottawa business man, for \$70,000.

The three apartment houses which contain 25 apartments in all, are situated on property at the southeast corner of Lisgar and O'Connor streets, and are on a lot which has dimensions of 66 by 99 feet.

In addition to the sale of the apartment houses, Mr. Taplin purchased from Mr. Cochrane an eight-door row of houses at from 85 to 99 Florence street, another row at 837-843 Somerset street east, and a residence at 149 Powell avenue, for \$51,600.

## CHARLESTON

Charleston, Feb. 2.—Mr. and Mrs. Ford Moulton, Jones' Falls, are spending a few days at the latter's old home here.

L. Slack spent a few days last week at Portland with his cousins, Mr. and Mrs. T. Twohey.

A blizzard raged here on Saturday afternoon which left the roads almost impassable.

Mills Howard, who was so seriously ill, is improving nicely.

Mrs. Fortune, of Athens, is now at the home of her daughter, Mrs. Whaley.

W. Crozier and son Herchel have purchased a lot from B. Williamson and are busily engaged preparing to build a fine residence in the spring.

Mr. and Mrs. S. W. Kelsey attended the funeral of Miss Violet Jones at Delta on Thursday.

M. J. Kavanagh has installed a radiophone.

try culling demonstrations in various parts of the county at which instructions were given in culling. By this means many learned how to cull their own flocks at home.

We also culled 24 flocks ranging from 30-130 at this time, and in one district we culled in one day 9 flocks composed of 650 birds, showing how much more can be accomplished where all the people in a community co-operate in a matter of this kind. If sufficient hens could be culled in a neighborhood at one time, it would be an easy matter to market a carload, putting them on one of the best markets for live poultry at a time when the price was sufficient to make it worth while to cull out all the boarders.

Fertilizer and Lime Tests.

In co-operation with the Chemistry Department of the Kemptville Agricultural School we have, during the past two years, laid down some lime and fertilizer plots to determine the benefits to be derived from the use of lime on some soils where clovers and alfalfa are not being grown with profit. Tests with crops such as mangels, corn, potatoes, and celery have also been conducted, using various combinations of nitrate of soda, phosphates and potash. Some excellent results were obtained from the use of lime where clover was seeded and the fertilizer tests have shown that an economic return can be secured from their use on such crops as potatoes, corn and mangels.

A two days' special course on fruit and vegetable growing was held at Brockville during the past spring when special speakers were secured from the Ontario Agricultural College and the Central Experimental Farm. This was attended by 25 or more fruit and vegetable growers and farmers in the Brockville district.

I have not attempted in this report to give all the details of my work but simply wish to bring to your attention the more important matters under our supervision.

Respectfully submitted,  
E. F. NEFF,  
Agricultural Representative.

## Spring Flower Exhibit

A spring flower exhibit will be held under the auspices of the Horticultural Society of Athens district, in the Women's Institute room, in the Town Hall, Athens, on Saturday, February 28th, at 3.30 p.m., at which the following classes will be exhibited:—

- Class 1—Bulbs—Purchased through the Horticultural Society.
- Sec. 1—Hyacinths—White or Cream . . . . . \$ .40
  - 2—Hyacinths—Purple—Light or dark . . . . . " .20
  - 3—Hyacinths—Red—Light or dark . . . . . " .40
  - 4—Hyacinths—Collection—Mixed . . . . . " .20
  - 5—Daffodils—Single . . . . . " .40
  - 6—Daffodils—Double . . . . . " .20
  - 7—Daffodils—Collection . . . . . " .20
  - 8—Tulips—Single . . . . . " .40
  - 9—Tulips—Double . . . . . " .20
  - 10—Tulips—Collection . . . . . " .20
- Class 2—Bulbs—Purchased outside the Horticultural Society.
- Sec. 1—Hyacinths—White or Cream . . . . . \$ .40
  - 2—Hyacinths—Purple—Light or dark . . . . . " .20
  - 3—Hyacinths—Red—Light or dark . . . . . " .40
  - 4—Hyacinths—Collection—Mixed . . . . . " .20
  - 5—Daffodils—Single . . . . . " .40
  - 6—Daffodils—Collection . . . . . " .20
  - 7—Tulips—Single . . . . . " .40
  - 8—Tulips—Double . . . . . " .20
- Class 3—House Plants.
- Sec. 1—Primula . . . . . \$ .40
  - 2—Primrose . . . . . " .20
  - 3—Rose . . . . . " .40
  - 4—Geranium—Any color . . . . . " .20
  - 5—Sword Fern . . . . . " .40
  - 6—Asparagus—Plumosis Fern . . . . . " .20
  - 7—Plant—Any other variety . . . . . " .40
- Entries for above to be obtained from the Secretary on Friday, February 27th, at 8 p.m. in the Agricultural Office.
- All exhibits to be in place at 10.30 a.m. Saturday, February 28th. Members only to be permitted to exhibit.
- Each member is requested to bring as many exhibits as possible so as to advertise and promote the interests of the Society.
- No entry fee. No admission fee.
- MRS. W. D. THOMAS,  
Secretary-Treasurer.

## To Hold Nomination Meeting

### TO FILL VACANCIES CAUSED BY RESIGNATIONS.

Vacancies having been created in the village council by the resignation of Messrs. W. H. Jacob and A. M. Eaton from that body, a nomination meeting will be held on Monday evening next in the town hall. Candidates will be received for the vacant offices, and if an election be necessary it will be held a week later. It seems to be the general opinion that it would be advisable to agree on two nominees and thus save the expense of an election.

## Inter-County Live Stock Judging Competition.

A team of three junior farmers was entered in the inter-county live stock judging competition in connection with the Royal Winter Fair at Toronto and the Winter Fair at Ottawa.

Besides these competitions, for which we spent several days in training a team, we entered a team in the inter-counties competition for Eastern Ontario and Quebec at Sherbrooke in August. There were only five counties competing, but our team came third place and secured enough prize money to pay their expenses, which were considerable.

At the Brockville fair we conducted a counties' live stock judging competition for junior farmers under 26 years of age, resident in Leeds and Grenville. Nineteen competitors entered and \$60 in prize money was offered in three classes of live stock—dairy cattle, swine, and heavy horses.

# Efficient Farming

## CARE FOR THE COLT TO MAKE THE HORSE.

The time to commence the proper production of a draft horse is before he is born. Not only in the selection of his sire and dam but in the care and management of the dam while pregnant. Strong, healthy foals can best be produced from healthy mares which are fed nutritious foods and given plenty of exercise, running in fields or paddocks or doing light work. It is difficult on many farms to find desirable work for brood mares, particularly in the winter, but when spring work commences there is no difficulty, and any mare is better working, provided care is exercised in seeing that she is not put in slippery places, not unduly crowded, not worked with too short a whiffletree, or overworked. Many foals have their chances ruined when their dams are overfed and under-exercised during the winter season.

In view of the fact that a horse attains at least half his weight by the time he is a year old, care must be exercised to see that he is given the best possible chance. Many spring-born foals do well for the first six months of their lives and then owing to lack of proper attention and feeding during the winter months do not mature to the size they should.

**Feeding**—The mother's milk and pasture grass afford excellent foods to start with. By feeding the dam a little grain in a low manger, either in the barn or on pasture, the foal soon is found eating concentrates. Then a creep may be erected in a corner of the pasture field and the foal will get grain in this manner. He should be provided with a shelter from heat and flies and if the mother must be worked, the foal should be kept in a strong loose box or paddock and given a suck in the middle of each half day. At first the milk should be drawn from the mare, particularly if she is warm, as a preventive against digestive trouble.

**Weaning**—If the mother is a poor milker the colt will be better weaned at five months, while if she is a good

milker this may be postponed till six or even seven months. If the foal has been feeding well, the weaning is a simple matter, better results being secured if more than one foal is being reared, for a group of foals will not worry so much as a single one. They should be given plenty of exercise with fresh water before them at all times and good bone and muscle building food. From three to five pounds of grain may be fed per day during the winter months; this would be composed of two parts oats and one part bran with a little oilcake added. The grain is best fed mixed with cut timothy and clover hay, slightly dampened. This adds bulk to the ration and prevents the foal bolting his grain, and assists digestion as the grain cannot form in doughy lumps in the stomach. A few roots (carrots, mangels or turnips) should also be provided and plenty of good quality clean hay, mixed timothy and clover, or alfalfa, an excellent bone and muscle builder. Salt should be given regularly. The colt should be kept in a thrifty, active condition; a little thin rather than too fat. His bones and joints must be developed simultaneously with the rest of his body or injury will result. He should have the run of a field or paddock in the daytime during favorable weather and a dry, rooey stall in a well-ventilated and moderately warm barn at night.

The colt may be halter-broken with less difficulty before weaning and a little labor at this time also in handling the colt's feet is well expended. The feet should be picked up occasionally and later on pared. Keep the foot large, round and level, cut away the toe, keeping the foot wide at the heel and quarters. Do not cut the bar of the foot or the frog. A good blister applied to a small young foot will frequently stimulate growth. Too much emphasis cannot be laid on the care of the feet, exercise and good common sense feeding during the first year of the colt's life. Unless the colt weighs 1,100 pounds or more on his first birthday there is little chance of his ever making a ton horse.

In other words, poultry litter at all times should be coarse, deep, clean and dry.

Do not forget the value of sunlight, not only as a germ destroyer, but as an invigorator and carrier of health-giving properties to the birds. Be sure that the front of the house is so arranged that the direct rays of the sunlight can come in and sweep over the floor of the house during the day, allowing the birds to lie in the direct rays of the sun. By direct rays we mean, not those which have been filtered through glass, but those rays which reach the birds direct.

Birds have a high body temperature. They give off in process of respiration large quantities of carbon dioxide and they must have more oxygen than any other animal. These factors simply mean that the quarters in midwinter should be fully ventilated.

Fresh air, even if cold, is far to be preferred over warm air which has moisture in it. Combs will freeze and birds will suffer in a moist atmosphere, even if it is but a few degrees below the freezing point; whereas they will show no ill effects from a temperature around zero, if the atmosphere within the house is free from moisture and is fresh pure air.

The hired man came home from the barber shop all excited. He said that Jim Robinson had eaten some spoiled oysters and had an awful case of pantomime poisoning.

[Out of the discussion of farm problems and the farmer, this one thought is being generally crystallized in the minds of the public that the farmer is, and of necessity must be, an all-around business man.

## PREPARE A PLANTING PLAN

A bare unattractive house brings no credit to its occupant. If all homes were like those occasionally seen both in town and country places we would be compelled to hang our heads in the presence of visitors from other lands.

Why should any home with a bit of ground present a stark uninviting appearance? Few countries can boast of as wide a range of hardy planting material, and where can helpful information and co-operative assistance more easily be obtained? Our experimental farms and agricultural colleges exist to discover for the citizen reliable information on plants and cultural methods, and the horticultural societies stand ready at all times to help those who desire to improve their home surroundings.

One has only to attack the problem of beautifying his place to find assistance on every side, and when once commenced the way opens for proceeding with the undertaking. Whether it be the planting of a hedge, a clump of shrubbery, a hardy border, or a few vines, some thought must be given beforehand, and this is the reason for making the necessary plans.

It should be borne in mind that sunshine is necessary for luxuriant growth. No plant can flourish in the shade of huge trees. Not even grass will thrive in soil filled with the roots of old elms and other trees that use

up the plant nourishment and shut out the sun. If one would plant his grounds with fine ornamentals some thinning out of old trees may be necessary. Trees have their place in grounds that are roomy, but other things cannot prosper when trees monopolize the whole space. On the other hand, where tree planting has been neglected and there is space for both trees and smaller ornamentals, some carefully selected varieties should be chosen. Of these there are many kinds not commonly grown, that when used give distinction to the home, particularly when so placed as to screen unsightly views. A full planting plan needs to make provision for suitable kinds of trees and shrubs and herbaceous perennials as well as their location according to the size of the property and the style and position of the house. A simple, rather than a complex arrangement is to be preferred, not only because it is less expensive, but as a rule more pleasing. It is now regarded as a mistake to break up the lawn with flower beds or even shrubs. These had better occupy positions skirting the walk or embellishing a corner, or screening abrupt angles of the dwelling. What is known as foundation planting has become popular. It is done with low shrubs and vines and should be so placed as to appear to tie the dwelling to its surrounding grounds.



Edson Marshall, who divides his time between big game hunting and writing novels, is shown with a bear he killed in the Canadian Rockies and which he refers to as a small one.

## Experiments With Lime Phosphate.

The lime phosphate experiments now being conducted by the Dept. of Chemistry of the O.A.C. have given interesting results and show without doubt that lime may be applied with profit for clover on the older soils of Ontario, and that acid phosphate may be used with profit on wheat. The average increase in yield of clover on the lime plots was 40 per cent., for the lime and phosphate 60 per cent. The average increase in wheat yields on the lime phosphate plots was in 1923, 54 per cent., in 1924, 45 per cent.

This work has now been extended to three farms in each of eighteen counties. The plots are one-half acre in size.

## Feed Turnips After Milking.

Root crops, particularly turnips, often impart undesirable flavors to milk and cream from dairy cows fed this form of valuable succulence. The Department of Agriculture has car-

ried on experiments to determine methods of avoiding this.

The results indicate that feeding turnips at the rate of fifteen pounds one hour before milking produces bad flavors and odors in the milk. Increasing this feeding to thirty pounds causes an increased intensity of these off flavors.

On the other hand, feeding at the rate of thirty pounds immediately after milking has practically no effect on flavor or odor of milk or cream.

## If the Well Freezes.

It was a tubular well, equipped with the usual petcock vent which persisted in causing trouble in freezing weather. It was always necessary to dig down to it when the ground was frozen. Finally a pit was dug and the sides walled with concrete. Now, when the vent refuses to work as it should, it can be reached without digging in frozen ground. This pit also makes a fine cool place for cream and butter in the summer time.

## FOR HOME AND COUNTRY

### The Next Step in Child Welfare.

Dr. Helen MacMurphy, Chief of the Division of Child Welfare, Dept. of Health, Ottawa, in making an earnest plea for adequate provision for the mother, especially the expectant mother and the mother with small children, referred to the loss of 1,236 mothers in Canada during the year, largely because of lack of adequate advice and proper care.

The death rate among infants of one year is 42 per thousand in New Zealand, 77 in England and Wales, and 100 in Canada. By far the greater number of deaths take place before the baby is a month old. "What does this mean? Take care of the mother, and she will make Canada safe for the baby. She will live and not die."

"We always know that the deaths from any cause are not half of the story. For every mother that dies in childbirth, probably five, perhaps ten, are never so well and strong again, if they are not properly cared for when the baby comes. If they are properly cared for they will be as well or better than ever before in their lives.

How shall we make Canada safe for the mother? There are two chief answers to that question. First: Give every Canadian mother the proper medical and nursing care. Dr. J. W. S. McCullough, Chief Medical Officer of Health for Ontario, at the meeting of the Essex Medical Society, held at Windsor, June 10th, 1923, says: "By far the most valuable asset of any country, particularly of a young country like ours, is the conservation of its native-born children. Yet it is a curious fact that up to the present time, while the Government of Canada had for years had a Department the business of which was to look after the calves, the lambs and the colts, it has given not one cent for the protection of the babies of the country. You cannot have a healthy baby without healthy parents, and of the two parents the more important is the mother. Mothers without number have lost their lives, as every doctor knows, because certain conditions in their pregnancy were not appreciated and they failed to secure treatment. Many a woman has headache, a puffy face or swollen ankles or occasional vomiting during pregnancy which, if called to the attention of her doctor, would have received treatment which would in nine cases out of ten saved them from convulsions and the death of herself or her baby or both. There should be the most skillful medical assistance and clean lying-in facilities, for many women die of puerperal fever. It is a disgrace to our intelligence as physicians that they should die of such a malady. In 1882, Duxiaux, the great pupil of Pasteur, lost his wife from this affection. He wrote a book on 'Ferments and Maladies,' which he dedicated to his wife in the following words: To you, the innocent victim of the infinitely little, I dedicate this book in which I have attempted to popularize their history. May it, slight as it is, serve to hasten a little the day wherein the accom-

plishment of her sacred mission will no longer cause the wife to fall her husband, and the mother the newborn child." The mother must be supervised during pregnancy. Too many mothers in Canada are not having that care.

The second chief answer is: Every body help the mother. We need small hospitals, especially for maternity cases. We need nursing and medical care more readily available. District organizations and county organizations of Ontario Women's Institutes, send some one to see Dr. McCullough and ask him how many mothers died in your county in 1922, and how you can help to save their lives. Strengthen the hands of the Chief Provincial Medical Officer of Health, and tell him what the mothers need. You know more about that than he does. We need the leadership of the mother. The mother has too much to do and too little help. "We mothers are always tired," said one of them.

"The saddest part of it was that she did not want to live. She was just tired out," said somebody of one of these 1,236 mothers who died in Canada in 1922.

The sum of it all is: Too much work—too little help. There are many and great voices in this world. Influential is the sound of a voice. But the most influential is "the sound of a voice that is still." The voice of silence is the greatest voice of all in the world.

There was a Khaki Convocation at the Provincial University of Ontario, the University of Toronto, in the first year of the war. Even the examinations had to be hurried out of their time at the call to arms and these new graduates were in uniform when the president read out their names and they came up to receive their degrees. Fit to fight and ready to die, they went down from the University platform to go overseas.

At the next Convocation, the president of the University, Sir Robert Falconer, read to the whole silent assembly of Convocation, as they rose to hear, the list of the names of the fallen. Some of them graduated at that Khaki Convocation.

"They rose in reverence. Yea: But those who lie Far on the Flanders field to-day Had not an answering word to say, Their silence thundered their reply. They gave their lives away."

"And us they trusted: We the task inherited, The unfinished task for which their lives were spent, But leaving us a portion of their spirit, They gave their witness and they died content."

What can we do for our country? Do something for the mothers. Listen to the silent voices of these 1,236 Canadian mothers: "They gave their lives away."

It is the mothers who can lead us to do for the other mothers. They know how.

# The Sunday School Lesson

FEBRUARY 8.

Christ's Intercessory Prayer, John 17: 1-26. Golden Text—Holy Father, keep through thine own name those whom thou hast given me, that they may be one, as we are.—John 17: 11.

**ANALYSIS.**  
I. JESUS SURRENDERS HIMSELF TO GOD, 1-5.  
II. HE INTERCEDES FOR THE DISCIPLES, 6-17.

**INTRODUCTION**—The discourse of Jesus in the upper room concludes with a great act of prayer in which he commits himself, the apostles, and the whole future Church to God. He has spoken to the disciples of the great assurances which, as they go out to serve in the world, will be theirs: the assurance of the love of God, the assurance of Christ's abiding presence, the assurance of the Spirit's coming. What more is left to do now except to commend them to the eternal care of the Father in heaven? Here, then, we have Jesus as the great High Priest of his Church, interceding for his followers, both those who are already his and those who shall afterwards be gathered in. Our lesson today shows how he thought of these followers and what he sought for them.

It will be instructive and helpful while we study the great Intercessory prayer an expression of the Father's prayer which Jesus taught his disciples and which we call the Lord's Prayer. Three is a very marked resemblance between the spirit of the one prayer and the spirit of the other. Both begin with petitions for the hallowing of God's "name." Both lead up to petitions for the deliverance of the disciples from the evil that is in the world. It will help the teacher of this lesson, therefore, if, in conjunction with the Intercessory Prayer, he will keep in mind the brief, but infinitely comprehensive accents of "Our Father which art in heaven."

**I. JESUS SURRENDERS HIMSELF TO GOD, 1-5.**  
V. 1. The opening words of the prayer are an expression of the "Father's full and free acceptance of the hour" appointed by the Father in heaven. Jesus had often spoken of the hour when he must yield his life in sacrifice, and now when it has come he prays that God will "glorify" him; that is, not only support him, but reveal him in the true light of his divine character and mission on the Cross. Men have been blind to God's purpose in the life of Christ. They had not acknowledged the divine purpose of his coming. Jesus prays that his going, his death, may open their eyes, and make the purpose of God plain.

V. 2. What was the divine purpose expressed in Jesus' life? This, that he should have "authority over all flesh," that is, that he should rule the human heart as Lord, and bestow eternal life on all whom God should give to him. We may here compare the great words in Matthew 28:18-19: "All power is given to me in heaven and on earth. Go, therefore, and make disciples of all nations, etc."

V. 3. When "eternal life" is spoken of, we should not think of everlastingness, but rather of full, perfect, untruncated life, the life from which God is no longer hidden, but to which he stands immediately revealed. Jesus explains this here, when he says that eternal life consists in knowing God, and in acknowledging himself, God's messenger, as the true Messiah. Eternal life is thus a spiritual experience: it has to do with the quality of existence, not with its duration.

Vs. 4-5. Jesus has "glorified" God on earth; that is, he has revealed God's true character and attributes. He has finished the work which God committed to him, namely, to reconcile men to God, as far as that can be done in his life. Now he prays that, as he bows his head in death, the Father will give the world some glimpse of that eternal majesty which he enjoyed with God before the world began. In other words, Jesus prays that the Cross may convince and convert the world, by showing men that he is the Son of the Father.

**II. JESUS INTERCEDES FOR THE DISCIPLES, 6-17.**  
V. 6. Jesus on earth has made the

"name" of God plain to the disciples: that is, he has given them a new consciousness and a new experience of God's holy character and will. So long as Jesus has been with them in the world, they have been quite sure of God, and have kept his word.

Vs. 7-8. As the result of living in Jesus' presence, the disciples have confessed that all his deeds and words have been inspired divinely. They have been led to spiritual thoughts both as to his origin and as to his mission. Here we have plainly a reference back to what the disciples said in Chap. 16, verses 29, 30. But Jesus knows the perils which their untried faith will encounter when he himself is gone.

Vs. 9-11. Therefore, he commits the disciples very solemnly and earnestly to God. He puts the world altogether from his thoughts, and concentrates all his mind on the future of these loved ones. They are his own, specially given to him by God, as the witnesses of his glory. Their need is very great because they are being left in a world which does not acknowledge them or their Master. The only secure confidence which Jesus has of their continuance in faith consists in their being held securely in God's almighty hand, and so he prays: "Holy Father, keep in thy name those whom thou hast given me." That is, keep them in that holy secret of the divine knowledge, which I received from Thee, and imparted in turn to them.

Vs. 12-14. This safe-keeping of the disciples in the holy knowledge of God has been possible while Jesus was on earth. So carefully has he guarded their understanding in all matters pertaining to God that only one, the apostate Judas, the "son of perdition" (that is, one doomed to perdition), has fallen to Satan, and even that apostasy was foretold in Scripture. But the rest of the disciples, though loyal, have to face the world's hatred, just as Jesus has, because like Jesus they do not belong to the world, but to God.

V. 15-17. Jesus does not ask, however, that the disciples should be removed from the world, but only that they should be saved from the evil one. As we see by Chap. 16, verse 33, their task is not to quit, but to overcome. We may recall here again the petition of the other prayer: "Lead us not into temptation, but deliver us from evil." It is easy to turn one's back on life, and go into a cloister; it is hard to fight the good fight in a world of severe temptation. But this is what Jesus asks for his followers. He prays that God may "sanctify" them, make and keep them holy through the knowledge of the truth.

### Application.

**INTERCESSION**—Of all the types of prayer, this ranks highest. Abraham yearning over the righteous who may be found in the wicked city, Moses pleading with God on behalf of the people, Hezekiah praying for a revival of religion, Nehemiah brooding over a great task and making supplication for the future of his race; these are types of men of faith whose prayers were for others.

There is pathos in the lesson picture before us. It is the eve of a long farewell. The morrow will bring its tragedy, and beyond that the scattering of the flock. Intimate personal relations are to be severed. Henceforth they will journey without their leader. Jesus commits them to the care and guidance of God.

Such critical moments constantly occur in life. It is a great day full of solemn import, when a little lad sets out into a big new world, for his first day at school. Mother watches him as far as she can go off without her. She will do well to pray with and for him at such a time. Family worship has a solemn hush upon the eve of long separations. "Men must work and women must weep," and mutual intercession for dear ones, near and far, is ever an appropriate expression of vital faith. Those whom we love may be far from us, over land or sea, but they are never far from God. "Though sundered far, by faith they meet."

## The Manuring of Farm Crops.

Although everyone who attempts to farm knows that manure has value, many do not fully realize the extent to which the manure when properly saved and applied increases the farm income. During the past twelve years comparisons have been made between barnyard manure and commercial fertilizers at the Central Experimental Farm at Ottawa. Mr. E. S. Hopkins, Dominion Field Husbandman, in his report for 1923, which is now being distributed by the Publications Branch of the Department, states that the comparisons were made on a four-year rotation, which included mangels, oats, clover hay and timothy hay.

Farm manure was applied to the mangel crop at the rate of 15 tons per acre. Commercial fertilizers were applied on another portion of the land under experiment in the following manner: The mangel ground received a dressing of 100 pounds of nitrate of soda, 300 pounds of superphosphate and 75 pounds of muriate of potash per acre. To each of the other crops in the rotation there was applied 100 pounds of nitrate of soda to the acre. A third area received farm manure supplemented with commercial fertilizers. The mangel crop received 7½ tons of manure and one-half the quantity of fertilizers which were used in the area that received commercial fertilizers alone, while the oats and two hay crops areas in this rotation each received 100 pounds of nitrate of soda.

The fourth area did not receive any manure or commercial fertilizer throughout the entire period of 12 years.

The outstanding points brought out in the tables published in the report show that both barnyard manure and commercial fertilizers considerably increased the yields of mangels and hay but that neither have increased very materially the yield of oats. With respect to the results with the oats, it is explained in the report that the crop on the manured land was so heavy that it lodged, which prevented proper filing. The unmanured crop being lighter in the straw stood up and filed better.

The lesson is drawn from this experiment that in farm practice the application of manure or commercial fertilizers should go to root crops, or other intertilled crops, or to hay. In the matter of profit, the report shows that the cost of commercial fertilizers for the four crops in the rotation was \$20.59 per acre while the value of the increased crop over that taken from the unmanured land was \$50.16 per acre. Some experience, it is pointed out, is needed in order to get the most profitable results from the use of commercial fertilizers. For this reason a beginner should use it on a small area at first, learning from his experience. Beginners are invited to write to the Dominion Husbandman for guidance in the use of commercial fertilizers for the various kinds of crops.

## DECLINE IN PRICE OF WHEAT AT WINNIPEG WIPES OUT PAPER FORTUNES

A despatch from Winnipeg says: Pandemonium reigned in the Grain Exchange corridors among the horde of men and women when wheat crashed off ten cents on Thursday, wiping out paper fortunes by the hundreds. It was the most spectacular condition ever witnessed on the local market, and the victims were almost wholly people who are not engaged in the grain industry other than many farmers who have been taking a fling and making easy money out of the spectacular rise in the option market. And it was as sudden as it was unexpected, following the steady advances since harvest, but the dealers advanced their margin charge to 25 cents in the hope of discouraging further speculation on the part of the speculators. No shoestring options are now possible, and as a further precaution all houses refuse to guarantee stop loss orders, for they cannot be executed fast enough.

At the opening thousands of orders given the day before and thousands of wires had not been delivered. It was a physical impossibility. One man who saw a fortune built up on a shoestring disappearing on the drop unless he provided more margins, collapsed when he discovered his inability to protect his paper fortune, which meant \$25,000 since Monday. In spite of the danger signals and the drop, the small hamlets over the prairies and Ontario simply swamped dealers with further orders to buy. Apparently plenty are to be found to take the pieces of those who lost all on the decline. The business of buying and exporting actual grain has been paralyzed by option gamblers, and the regular trade is standing back waiting until the public clamor for more options subsides. Meantime, flour has been advanced 40 cents a barrel, and if these advances are sustained it will be advanced another dollar.

## LACK OF ANTI-TOXIN AT NOME, ALASKA

### Supply Sent by Dog Team Cannot Reach Diphtheria Patients for Three Weeks.

A despatch from Nome, Alaska, says:—The diphtheria situation is serious here on account of the lack of anti-toxin. But a supply is now en route. Three hundred thousands units from Anchorage left Nenana on Thursday by relay dog team for Nome, a distance of 800 miles.



Hon. Sir Willoughby Dickinson, K.B.E., member of His Majesty's privy council and president of the Union of Nations of the League of Nations Societies, recently discussed the world peace movement with President Coolidge.

Dog teams are starting from both ends. The Nome team has already set out, Leonard Seppala, all-Alaska Sweepstakes winner, driving twenty Siberian wolf dog racers. He is travelling light, will meet the relay team in the vicinity of Ruby, and retrace his track post haste with the serum.

The weather is mild, ranging from zero to 20 below. There has been little snow, but the trails are good, which should allow the dog teams to arrive in Nome in three weeks.

Another shipment of anti-toxin from Seattle arrives in Nenana next Tuesday, and an attempt is being made by Delegate Dan Sutherland at Washington to have the anti-toxin transported to Nome by an airplane of the Fairbanks Aero Corporation with a volunteer pilot, Detective Darling. Arrangements have not yet been completed for the flight, which by air would be less than 600 miles and take about four hours.

Meanwhile the Nome Health Board, under Mayor Maynard, Dr. Curtis Welch, and the public nurse, are making the rounds. Several deaths have been reported, and more cases of sore throats appear daily, especially among the Eskimos, although a dozen whites are afflicted. Among them is Prof. Rynning, superintendent of the High School, and other adults.

Dr. Welch is the only physician at Nome and is badly overworked. Schools, churches and all public gatherings are barred, and local travel is discouraged. The Eskimos are frightened and stay at home.

## League of Nations Prohibits Night Work of Women

Figures issued by the international labor office of the League of Nations show that thirteen nations have ratified the convention prohibiting the night work of women and minors.

## Canada from Coast to Coast

Summerside, P.E.I.—What is claimed to be the most valuable shipment of fur-bearing animals ever made left Prince Edward Island recently for Oregon. The shipment consisted of 100 black and silver foxes, all purchased by one company which is operating a large fur farm in the state mentioned. The value of the shipment was estimated at \$100,000.

Halifax, N.S.—It is estimated that over 100,000 tourists entered the Province of Nova Scotia during 1924, spending approximately \$7,684,000. This is considerably more than in 1923 and is due to the aggressive campaign undertaken in Upper Canada and the United States by the Nova Scotia Publicity Bureau to make better known the attractions of this province.

Fredericton, N.B.—New Brunswick's potato crop for 1924 is estimated at 7,203,000 cwt., according to a statement issued by the Provincial Dept. of Agriculture. Of this quantity approximately 6,122,500 cwt. are available for export, the estimated value of which amounts to \$4,987,550.

Quebec, Que.—The number of motor cars entering this province from the United States during the past year was 188,392, an increase of around 60,000 compared with the previous year, while from other provinces the estimated arrivals were 40,000. Averaging three and a half individuals to a car, this represented 840,000 visitors, of whom at least 500,000 visited Montreal.

Fort William, Ont.—Receipts of the five principal grains—wheat, oats, barley, flax and rye—at the head of the Lakes during 1924 totalled 280,106,341 bushels, and shipments to 286,330,004 bushels, according to a statement issued by the statistician of the

## Wheat in England Soars Continental Demand

A despatch from London says:—Keen continental demand has forced up the price of wheat in England and the upward movement still continues. All classes of wheat are affected. Seventy-eight shillings per quarter, for instance, is now quoted for No. 1 Northern Manitoba. The increase is most notable, however, in the price of Australian wheat, the price of which to-day advanced a shilling to 70 shillings per quarter. Argentine wheat advanced a shilling and three pence to 72 shillings a quarter. The great size of the Argentine wheat accounts for its cheapness compared to the Canadian and other varieties.

## Vancouver is Busy Port.

Vancouver is assured of shipping in the present crop season, at least 18,000,000 bushels of grain, and prospects are considered to be good for moving a total between 20,000,000 and 25,000,000 bushels, it was learned at the Vancouver Merchants' Exchange recently. About 13,000,000 bushels have been shipped from Vancouver to date since the beginning of the present crop year. Bookings are on the "boards" for between four and five million bushels to be moved in the next two months.

Board of Grain Commissioners. Of the total received during 1924, wheat amounted to 187,901,375 bushels; oats, 51,609,803; barley, 27,353,245; flax, 6,247,468, and rye, 6,994,450.

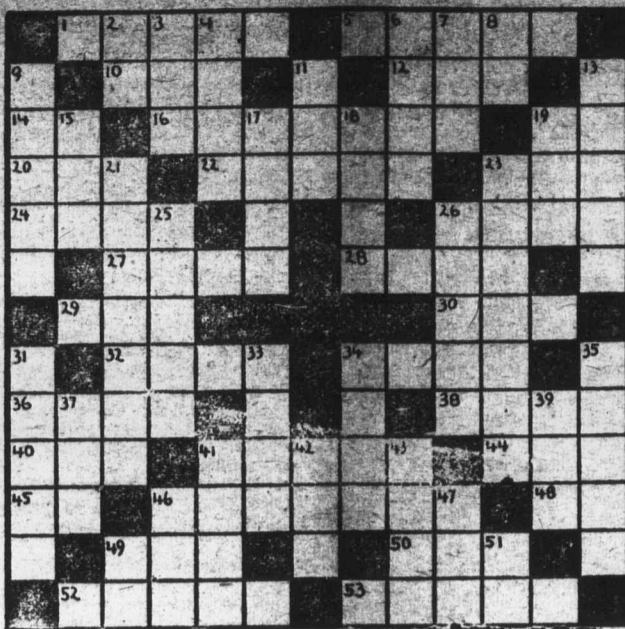
Winnipeg, Man.—An indication of the importance of Manitoba's fishing industry is given in a recent statement to the effect that close to 500,000 pounds of Manitoba whitefish are being shipped weekly to New York and Boston. The fish are caught in lakes Winnipeg and Winnipegosis, and since being introduced to the markets of New York and Boston some years ago, the demand has increased steadily.

Regina, Sask.—Fifty-two grain elevators were constructed last year by the Saskatchewan Co-operative Elevator Co., a farmers' organization, making a total of 435 elevators in Saskatchewan owned and operated by the company. The latest returns show that there are 2,433 country grain elevators in the province; 948 in Alberta; 684 in Manitoba; five in British Columbia; and one in Ontario, making a total of 4,071 country elevators in Canada. In addition there are large terminal elevators in Regina, making the grand total of elevators 4,169.

Edmonton, Alta.—It is estimated by the Provincial Dept. of Agriculture that there are now 160 beekeepers in Alberta and that the production of the past season was 55,200 lbs., valued at about \$13,000.

Vancouver, B.C.—A further order for 8,000,000 feet of railway ties or sleepers has been received by British Columbia sawmills from buyers in the British Isles. At the present time sawmills in the province have on order 20,000,000 feet of railway ties to be delivered by the end of March.

## CROSS-WORD PUZZLE



Each square in this puzzle represents one letter only. The first horizontal word begins in the square numbered "1," the second horizontal word in "5" and the third vertical word in "2" and so on. All words must interlock—that is if you correctly fill "1" and "5" horizontal, the second letters of each will prove right for the start of "2" and "6" vertical. Horizontal and verticals are thus a check on one another and you may write in a word that has the right number of letters and the right meaning yet find that it does not "key" within the words going in the other directions. Then you must find another word that does. For this reason it is well to do all the first work lightly in pencil.

There will be another puzzle next week. Also the answer to this, so that you can see if your solution was correct.—The Editor.

- | HORIZONTAL                            | VERTICAL                        |
|---------------------------------------|---------------------------------|
| 1—A country of Europe                 | 2—Toward                        |
| 5—A country of Asia                   | 3—Buetic                        |
| 10—A short poem                       | 4—Allows                        |
| 12—Moved swiftly                      | 6—Native of North Africa        |
| 14—Near                               | 7—Cooking utensil               |
| 16—A Turk                             | 8—Article                       |
| 19—Upon                               | 9—Cries                         |
| 20—A compound of atoms with electrons | 11—Bohemia (abbr.)              |
| 22—A title used in India              | 13—A country of Asia            |
| 23—Conjunction                        | 14—Likewise                     |
| 24—A weaving machine                  | 15—To gain possession           |
| 26—Prefix meaning opposed to          | 16—Possessive pronoun           |
| 27—A garden implement                 | 19—A division of Canada (abbr.) |
| 28—An organ of the body (pl.)         | 21—Natives of Normandy (pl.)    |
| 29—An Australian bird                 | 22—Responses (pl.)              |
| 30—Possess                            | 23—Abuses                       |
| 32—Below                              | 24—Odor                         |
| 34—A farce                            | 31—European country             |
| 36—Pegs                               | 32—Have on                      |
| 38—Portion of a surface               | 34—A glove                      |
| 40—Reply (abbr.)                      | 35—A Mediterranean island       |
| 41—Portions                           | 37—Tavern                       |
| 44—The sun                            | 39—Eternity                     |
| 45—Amidst                             | 41—Scrutinize                   |
| 46—Soiled                             | 42—A piece of cloth             |
| 48—Part of Bible (abbr.)              | 43—To wither                    |
| 49—Part of the body                   | 44—A large serpent              |
| 50—A color                            | 47—Lair                         |
| 52—Hogs (male)                        | 49—Toward                       |
| 53—A pitch (musical)                  | 51—Perform                      |

## Ancient Courtesy to Medical Profession in Paris Theatres

Paris physicians have been in danger of losing one of the perquisites of their profession—a free orchestra stall at the theatre. Police regulations require every theatre to have a medical man on service at each performance, for whom a seat is reserved. Often enough the doctor sends a friend to replace him, but always arranges so that the theatre can find him rapidly in case of need. Theatre managers recently started agitation to obtain freedom from this tax, arguing it was unfair, unnecessary and not known in other countries, like the United States and England. They seemed to be winning their point, with special medical service at the nearest police station as a substitute, when within one week two theatre patrons died while witnessing performances—one at the opera and the other in a playhouse—and the managers decided to let the question drop.

"Hire purchase" as a means of buying furniture is now 100 years old. It started in France after the chaos of the Revolution and the Napoleonic wars.

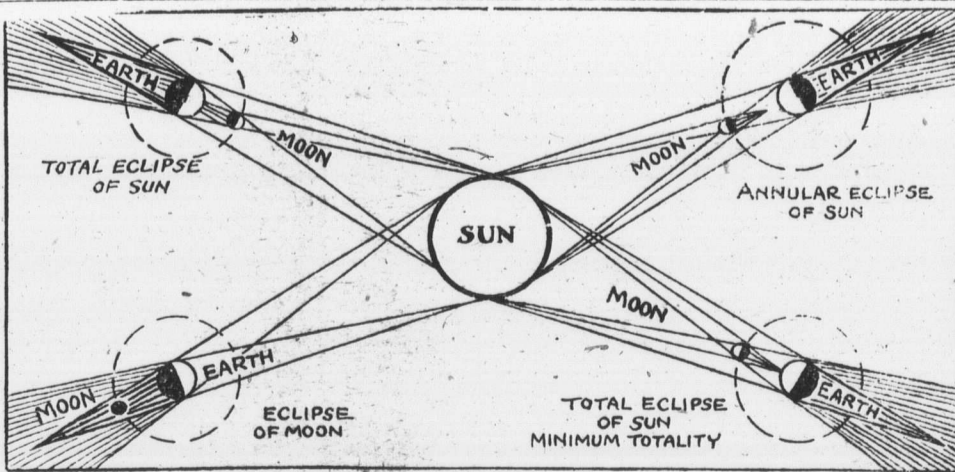
## Animal Believed to be Extinct Reappears in California

The California grizzly bear, supposed extinct, has appeared after a lapse of forty years in the Sequoia National Forest, according to a reliable report from San Francisco.

At one time the California grizzly ranged the Sierra Nevada and Coast ranges in such large numbers that he was made the official emblem of the state and still graces the state flag. He is considerably larger than the Rocky Mountain grizzly, is of a grayish tinge and has a distinct hump on top of his shoulders. As a fighter he was feared by all other animals of the early California days. Yet he was not considered by men a dangerous animal, and he usually took to flight on man's approach.

It takes 2,300 cocoons to produce one pound of silk. No wonder our girls' dresses are shorter and tighter.

In India, where 72 per cent. of the people depend on agriculture, it is said that 40,000,000 persons never know what it is to have hunger entirely satisfied, and countless thousands of persons die from famine every decade. The reason? Improper and antiquated methods of farming.



HOW VARIOUS ECLIPSES OF SUN AND MOON OCCUR

A brief study of the above will show the principle that governs all eclipses of the sun, and of the moon, and will explain how various forms of sun's eclipses occur, and why they happen that way. The sun is shown in the center of the diagram, while eclipses of the sun are shown in the top and the right bottom corners of the drawing. Top left shows how, when the moon is near the earth there is a broad path of totality, while at the bottom

right is shown an eclipse where the moon is farther away from the earth, but still blots out its light, the shadow path being narrower. This is an illustration of the eclipse of Jan. 24. Top right explains an annular eclipse of the sun, where the moon appears as a black shadow on the face of the sun, but a distinct rim or edge of the sun is visible all round. The moon here is so far away that the conical shadow cast by the sun does not reach the

## The Week's Markets

**TORONTO.**

Man. wheat—No. 1 North, \$2.83 1/4; No. 2 North, \$2.27 1/4; No. 3 North, \$2.22 1/4; No. 4 wheat, \$2.13 1/4.

Man. oats—No. 2 CW, 76c; No. 3 CW, 73 1/4c; extra No. 1 feed, 74c; No. 1 feed, 72c; No. 2 feed, 69c.

All the above c.i.f. bay ports.

Am. corn, track, Toronto—No. 2 yellow, \$1.44.

Millfeed—Del. Montreal freights, bags included: Bran, per ton, \$36; shorts, per ton, \$38; middlings, \$43; Good feed flour, per bag, \$2.75.

Ont. oats—No. 2 white, 56 to 58c.

Ontario wheat—No. 2 winter, \$1.71 to \$1.75; No. 3 winter, \$1.68 to \$1.73; No. 1 commercial, \$1.68 to \$1.72, f.o.b. shipping points, according to freights.

Barley—Malting, 90 to 84c.

Buckwheat—No. 2, 86 to 90c.

Rye—No. 2, \$1.35 to \$1.43.

Man. flour, first pat., \$11.40, Toronto, do, second pat., \$10.90, Toronto.

Ont. flour—90 per cent. pat., nominal, in bags, Montreal or Toronto; do, export, nominal, cotton bags, c.i.f.

Hay—No. 2 timothy, per ton, track, Toronto, \$14.50; No. 3, \$12.50.

Straw—Carlota, per ton, \$9.

Screenings—Standard, re-cleaned, f. o. b. bay ports, per ton, \$23.

Cheese—New York, 22c; twins, 22 1/4c; triplets, 22c; Stiltons, 24c. Old, large, 24 to 25c; twins, 25 to 26c; triplets, 26 to 27c.

Butter—Finest creamery prints, 36 to 38c; No. 1 creamery, 34 to 36c; No. 2, 32 1/2 to 34c. Dairy prints, 26 to 28c.

Eggs—Fresh extras, in cartons, 67 to 68c; loose, 65c; storage, extras, in cartons, 58 to 60c; loose, 56 to 57c; storage, firsts, 54 to 55c; storage seconds, 47 to 48c.

Live poultry—Hens, over 5 lbs., 24c; do, 4 to 5 lbs., 18c; do, 3 to 4 lbs., 13c; spring chickens, 2 lbs. and over, 29c; roosters, 12c; ducklings, 5 lbs. and up, 18c.

Dressed poultry—Hens, over 5 lbs., 23c; do, 4 to 5 lbs., 22c; do, 3 to 4 lbs., 16c; spring chickens, 2 lbs. and over, 30c; roosters, 18c; ducklings, 6 lbs. and up, 25c; turkeys, 35c.

Beans—Can. hand-picked, lb., 6 1/2c; primes, 6c.

Maple products—Syrup, per imp. gal., \$2.40; per 5-gal. tin, \$2.30 per gal.; maple sugar, lb., 25 to 26c.

Honey—60-lb. tins, 13 1/4c per lb.; 10-lb. tins, 13 1/2c; 5-lb. tins, 14c; 2 1/2-lb. tins, 15 1/2 to 16c.

Smoked meats—Hams, med., 25 to 26c; cooked hams, 27 to 28c; smoked rolls, 18 to 20c; cottage rolls, 21 to

22c; breakfast bacon, 28 to 27c; special brand breakfast bacon, 29 to 31c; backs, boneless, 29 to 30c.

Cured meats—Long clear bacon, 50 to 70 lbs., \$17.50; 70 to 90 lbs., \$18.00; 90 lbs. and up, \$18.50; lightweight rolls, in barrels, \$33; heavy-weight rolls, \$27.

Lard—Pure, tierces, 18 to 18 1/4c; tubs, 18 1/4 to 19c; pails, 18 1/2 to 19 1/4c; prints, 21 to 22c; shortening, tierces, 15 to 15 1/4c; tubs, 15 1/4 to 15 1/2c; pails, 16 to 16 1/4c; prints, 17 1/2 to 18c.

Choice heavy steers, \$7.75 to \$8.25; butcher steers, choice, \$7 to \$7.50; do, good, \$6.25 to \$7; do, med., \$5.25 to \$6; do, com., \$4.25 to \$4.75; butcher heifers, choice, \$6.75 to \$7.25; do, good, \$6 to \$6.50; do, med., \$4.75 to \$5.50; do, com., \$4 to \$4.50; butcher cows, choice, \$4.25 to \$4.75; do, fair to good, \$3.50 to \$4; canners and cutters, \$1.50 to \$2.50; butcher bulls, good, \$4.60 to \$5; do, fair, \$3.75 to \$4; bologna \$2.50 to \$3.25; feeding steers, good, \$5 to \$5.50; do, fair, \$4 to \$5; stockers, good, \$4 to \$4.75; do, fair, \$3.50 to \$4; calves, choice, \$11 to \$13; do, med., \$6 to \$9; do, grassers, \$3 to \$4; milk cows, choice, \$80 to \$85; fair cows, \$40 to \$50; springers, choice, \$70 to \$90; good light sheep, \$7 to \$8; heavies and bucks, \$4.50 to \$6.25; culls, \$3 to \$4; good ewe lambs, \$15 to \$16; bucks, \$13 to \$14; do, med., \$10 to \$12; do, culls, \$8 to \$9; dogs, thick smooths, red and watered, \$11.10; do, f.o.b., \$10.50; do, country points, \$10.20; do, off cars, \$11.50; select premium, \$2.17.

**MONTREAL.**

Oats, Can. west, No. 2, 82c; do, No. 3, 78c; do, extra No. 1 feed, 76c. Flour, Man. spring wheat, 1st, \$11.70; do, 2nd, \$11.20; do, strong bakers, \$11; winter pats., choice, \$8.75 to \$8.85. Rolled oats, bag 90 lbs., \$4.10. Bran, \$3.25. Shorts, \$3.25. Middlings, \$4.25. Hay, No. 2, per ton, car lots, \$14 to \$15.

Butter, No. 1 pasteurized, 31 to 31 1/4c; No. 1 creamery, 30 to 30 1/4c; seconds, 29 to 29 1/4c. Eggs, storage extras, 57c; storage firsts, 58c; storage seconds, 46c; fresh extras, 70c; fresh firsts, 60c. Potatoes, per bag, car lots, \$1.06 to \$1.10.

Canners and cutters, \$2 to \$2.50; cows, fair, \$3 to \$4; veals, best lots, \$10; do, poorer lots, \$9 to \$9.50; good lambs, \$18; sheep \$6.50 to \$7; hogs, fair quality and good weight, \$11.75 to \$12.

## EXTREME DISTRESS IN WEST OF IRELAND

### Bad Harvests for Past Two Years, Failure of Potato Crop and Lack of Turf.

A despatch from Dublin says:—The distress in the West of Ireland is causing anxiety to the Free State Government. There have been very bad harvests for the past two years, and this year the potato crop failed over a large and poverty-stricken area, and for the first time in many years there is almost a complete lack of turf.

As a result of the failure of the turf supply, the distress which is chronic in places like Connemara, West Mayo and parts of Donegal has been intensified this year, and real privation is being experienced. Cattle prices have been very low, the customary earnings of migratory laborers have been reduced to the minimum, and, generally, matters are in a bad way west of the Shannon.

The lack of turf has created a situation which is extremely difficult to handle. Various people have been organizing supplies of coal, and three banks—the Bank of Ireland, the National Bank, and the Provincial Bank of Ireland—have given donations of 2,000 guineas, 2,000 guineas, and 500 guineas, respectively. In many affected districts, however, coal is useless because it will not burn on the peat hearths.

The Free State Government is doing its best to cope with the situation, and is providing some 18,000 free meals daily, but its hands are largely tied as a result of the breakdown of the old Local Government Board machinery, which used to deal with distress in the West.

There are nearly 2,000 stitches in a pair of handsewn boots.

## Natural Resources Bulletin.

The Natural Resources Intelligence Service of the Department of the Interior at Ottawa says:

Canada's dairy products are making a name for themselves in many countries and are meeting world competition with increasing success. During the twelve months ending November last, Canada increased her exports of dairy products in nearly all lines. This was especially the case with butter, milk powder, and cream. To the supply of butter for outside markets Canada contributed 21,676,038 pounds the past twelve months, as against 12,935,279 pounds a year ago. This butter, than which no better is made, was supplied to twenty countries. The United Kingdom is, of course, the largest consumer, while Germany, Belgium and Newfoundland are heavy purchasers. It is of interest to note that China and Japan are in the market for Canadian butter, talking between them over 100,000 pounds in November.

Milk powder is another of our rapidly growing exports having as its primary source the dairy farm. In the above twelve months' period 7,717,576 pounds of milk powder was exported, as compared with 3,981,502 pounds a year ago. The amount of condensed milk exported increased from 87,059,600 pounds last year to 43,736,000 pounds this year. During the same period, also, our cheese exports increased from 116,982,600 pounds in 1923 to 120,116,200 pounds in 1924.

The United States takes practically our entire exports of cream, notwithstanding the increased tariff. The twelve months ending November, 1924, showed deliveries of 3,287,452 gallons across the line, compared with 2,555,758 gallons in 1923.

Dairying is closely allied with development of the land. Raising the feed, feeding it to live stock, and using the resultant fertilizer upon the land is a conservation measure that will ensure the continuous productivity of Canada's greatest natural resource—her agricultural lands.

## Rapid Home-Finding.

Through the energy of a Children's Aid Officer, writes J. J. Keiso, ten homeless children were placed in splendid homes within two months, and all within a radius of twenty or thirty miles. The Society received an application for a child and as the recommendations were satisfactory the Secretary decided to go himself to the home with the youngster. He was hospitably received and in chatting at the supper table he was told of a neighbor who had been talking of applying for a little boy. He went right over, found the people delighted with the prospect, and within a week placement number two had been brought about. These people mentioned relatives who had often talked of taking a child, and another trip resulted in placements three and four. And so it went on extending from one home to another until the supply of that particular Shelter was exhausted. Members of Women's Institutes could help the Society by looking up homes for children among their friends and neighbors.

The Athens Reporter

ISSUED WEEKLY
SUBSCRIPTION RATES
\$1.50 per year strictly in advance to any address in Canada; \$2.00 when not so paid.

Organization Meeting of Athens High School Board

At the statutory meeting of the Athens High School Board held on Wednesday evening, the following members being present; Messrs. H. H. Arnold, Dr. C. M. Bracken, G. E. Judson, Dr. M. H. Moore, W. G. Parish, W. C. Smith and A. E. Watt, business transacted as follows.

ABOUT SWEET CLOVER

Hints Regarding the Cutting, Curing and Siloing.

Should Be Cut Before Blooming—In Filling the Silo Tramp Well—Some Farmers Recommend the Use of Salt—Old Dobbin Steals a March on the Tractor.

Sweet clover should be cut for hay in the green sappy state just before blooming. If cut for hay, great care should be taken to properly cure it.

When to Cut for Silage. Sweet clover for silage should be cut at the same time as for hay, i.e., just before blooming.

Clover Should Be Carefully Tramped. One of the most important steps in the making of good silage is to be sure that it is spread evenly and tramped thoroughly in the silo.

Some Farmers Recommend the Use of Salt. The use of salt either in curing the hay or in the silo is strongly recommended by some farmers.

Old Dobbin Steals March on Tractor. Tractor manufacturers and horse breeders associations may urge the relative merits of tractors and horses as sources of farm power.

VERMIN IN LIVE STOCK

Much Injury Done by Lice to Farm Animals

Vermin Multiply Rapidly—Treatment for Cattle, Horse and Hog Lice—The Louse a Robber of Profits—Soft Bacon.

Thousands of dollars are lost each year by stock owners neglecting to take the necessary measures to destroy the lice that infest the stock.

Lice Multiply Rapidly. Lice multiply most rapidly in dry, cold weather, and are found in greatest abundance on long-haired, old and poorly cared for stock during March and April.

Treatment for Cattle Lice. All animals should be given a good grooming with brush and curry comb to remove scurf, loose hair, and any vermin that may be off guard.

Treatment for Horse Lice. If the weather is warm enough so that it is safe to wash a horse, the kerosene emulsion given for cattle is very effective.

Treatment for Pig Lice. Raw linseed oil applied with a brush to all parts of the body is very effective. The formulae for kerosene emulsion can also be used to advantage.

Soft Bacon. Experimental work at the Ontario Agricultural College has proven that soft bacon comes from pigs that have been fed heavily during early life on fattening feeds.

THE STANDARD BANK OF CANADA
A Joint Savings Account Is a Real Convenience
PARTICULARLY as a matter of family convenience does the joint account demonstrate its value.

Women's Institute Notes

Notwithstanding the inclement weather twenty-eight ladies attended the January meeting of the Women's Institute, held in the Agricultural rooms on Saturday p.m. last.

The meeting opened by singing the much favored song, "The Institute Carol," after which the minutes of the December meeting and the financial report were read.

At the December meeting it was decided to make four special efforts during the next four months to raise funds for Institute work.

On January 30th group one held a bake sale and a "tea" in the home of Mrs. P. Alford and in the rest room adjacent. \$25 was cleared.

Group two plans serving buns, hot-dogs and coffee after the hockey match on Saturday, February 7th.

This group also plans a bake sale, afternoon tea and supper served cafeteria style, March 17th.

Group 3 will hold a box social, euchre and dance on February 19th.

Group 4 has been fortunate in securing the famous film, "The Life of Christ from the Manger to the Cross," to be presented in the town hall on April 22nd.

After these reports the regular business proceeded, with the result that a summer speaker be secured; that the W. I. room in the town hall be re-decorated, and that the Institute move back home for its February meeting, after a nomadic existence since the burning of the A.H.S., when the room was given over for school purposes.

The Secretary-treasurer was authorized to pay monthly the salaries of teachers and janitor as they come due, without recourse to the board.

Minutes of last meeting read and adopted. N. A. Hagerman's work acct. for \$40.15 was ordered paid.

The Village officer was appointed school attendance officer. A deputation of the Alumni Association consisting of the President, J. D. Johnston, Vice President, M. Arnold, and secretary, S. C. A. Lamb and Principal Campbell were introduced and spoke regarding what they intended to do and asking the board's co-operation.

Mr. Donald Fraser was appointed janitor at a salary of \$65.00 per month, duties to begin Feb. 1st.

An account for desks from the Canada Foundries and Forgings Co. amounting to \$225.30 less 2 per cent. was ordered paid out of Permanent Improvement funds.

Annual Vestry Meeting, Oak Leaf Church

Allan H. Ralph and Jesse Webster Re-Elected Wardens. Oak Leaf, Jan. 29.—The annual vestry meeting of Trinity church was held at Jesse Webster's on Wednesday, January 21, at 8 p.m.

The following advisory committee was appointed: Hermon Pierce, William Halliday, R. J. Green, W. F. Warren, C. W. Murphy, James Ferguson, W. B. Beale, George E. Godkin, M. J. Johnson, Manford Webster and the wardens.

The following sidesmen were elected: Harry Webster, Wallace Johnson, Bryce and Lloyd Warren, William A. Green, Lloyd Green, Carl Williamson, Roy Williamson and Harry Botsford.

After the vestry meeting a very delightful social evening was held, at the close of which delicious refreshments were served.

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Licensed Auctioneer for the County of Leeds

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Genuine Ford and Chevrolet PARTS
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Athens Reporter
A good Advertising Medium
The Main Street Blacksmith Shop
Horse Shoeing given Special Attention.
Repairing of all kinds quickly and neatly done.
We Specialize in all kinds of Rubber Tire work. Steel Tired Wheels made into Rubber Tired.
We are agents for George White & Sons Threshing Machinery.
WHITMORE & HUDSON PROPRIETORS

LOOK For These WEEKLY ARTICLES
In The Inside Pages of the Reporter
The Week's Markets—Health Education—Canada from Coast to Coast—The Sunday School Lesson—Serial Story—Efficient Farming—Woman's Realm CROSS WORD PUZZLE
And For These SPECIAL FEATURES
In the Inside Pages of This Week's Issue
Fortunes Wiped Out by Wheat Price Decline... For Home and Country—Prepare a Planting Plan

QUABBIN
Quabbin, Jan. 31.—Mrs. Robert Edgley has returned after having spent a few days with her aunt, Mrs. John Edgley, Andressburg.
Charles Rath, Lansdowne, was the guest of his daughter, Mrs. Norman Hutchison, for the past week.
Mr. and Mrs. Fred Grothier attended the Oddfellows' at home in Lansdowne on Friday evening last.
John Ashley intends holding an auction sale of farm stock and implements on Tuesday, February 3rd.
Miss Doolan, Miss Fenton and Miss Vickery, of the Malorytown Consolidated School, were the guests of Mrs. E. Hagerman on Tuesday last.
Mrs. Agnes Latimer, R.N., who has been spending some time with her niece, Mrs. Fred Graham, Junetown, has returned home.
Mrs. Robert Edgley is spending a few days with her sister, Mrs. Arthur McReady, Lansdowne.
Despite the extreme cold and stormy weather the school van has made its regular trips.
E. W. Grothier went to Lansdowne on Friday night to assist in the programme of the Oddfellows' at home.
J. G. Ruttle has purchased a new driving horse.

Phillipsville Church has 51st Anniversary

Rev. Thomas Scott, of Prescott, is Special Preacher.

NEWS NOTES OF DISTRICT

Phillipsville Young People Present Play Most Acceptably at Elgin.

Phillipsville, Jan. 27.—The congregation of the Methodist church celebrated its fifty-first anniversary on Sunday last with Rev. Thomas Scott, of Prescott, as the special preacher.

The Women's Missionary Circle of the Baptist church met at the home of Mrs. Walter Haskins on Thursday afternoon, the 16th inst.

Among those who came from outside points to be present at the anniversary services of the Methodist church were R. W. Elliott and H. A. Laforty, of Brockville; J. H. Willows, Lynn; Mrs. Harmon Lawson, Purvis Street; Mrs. William Baker and Miss Winnie Halladay, Rosedale, all spending the time with friends and relatives.

DELTA

Delta, Jan. 29.—On Monday morning at 3 o'clock the death occurred of Violet Ione Jones, youngest daughter of Mr. and Mrs. Thomas Jones.

On Tuesday a social evening was held for the members of the courses now being held in Delta, over 80 being present.

Delta, Jan. 31.—Mr. and Mrs. Allan (formerly Miss Agatha Sawyer), of Cleveland, Ohio, and Mrs. Matraw (formerly Miss Frankie Sawyer), of Plasco, N.Y., visited their father, Moses Sawyer, and sisters here.

Delta and Lyndhurst hockey teams played a game at Lyndhurst on Saturday afternoon resulting in a victory for Delta by 2-1.

On Wednesday afternoon a hockey match will be played at Delta between Delta and Athens.

Service was withdrawn in St. Paul's church on Sunday owing to the condition of the roads.

On Thursday evening, February 5, a banquet will be held in the town hall by the Short Course classes which have been held in Delta for the past four weeks.

Lansdowne Purchases Chemical Engine

John B. Wilson is Re-Appointed Salesman for Factory.

NEWS OF THE DISTRICT

Women's Institutes Throughout the District Continue to be Active.

Lansdowne, Jan. 28.—A chemical fire engine has been purchased by subscriptions for Lansdowne. Ladders and pails are to be added to the equipment.

John B. Wilson was re-appointed salesman for the Lansdowne Creamery Co. factory at the annual meeting which was held on the 17th inst.

John Donovan is attending the January session of the council of Leeds and Grenville, which opened in the council chamber, Brockville, on Tuesday afternoon.

James Fodey, who has been visiting at the home of his mother, Mrs. M. Fodey, will leave this week for his home in Saskatchewan.

Miss Lizzie Warren, Rockfield, is visiting for a few days at the home of her sisters, Mrs. Warren and Mrs. Bradley.

The W.C.T.U. met on Tuesday evening at the home of Mrs. Hagerman. C. Rath, Tilley, is visiting at the home of his daughter, Mrs. Frank Warren.

Mrs. Bland Webster, Warburton, attended the funeral of her aunt, Mrs. Byron Leverette, Brockville.

Michael McDonald, Kingston, was in the village for a couple of days last week.

The Women's Institute met on the 21st at the home of Mrs. Fred McConnell.

Urban Warren held a private sale on Saturday of the household furniture of the late Mrs. E. B. Warren.

Stanley Besauw, Howe Island, has purchased Mrs. Bowen's residence.

MAYNARD

Maynard, Jan. 26.—Sacramental services will be held in the Methodist church here on Sunday next.

The Ladies' Aid held its monthly meeting at the home of Mrs. Asa F. Bagg with a good attendance.

Mr. and Mrs. Will Throop, of Algonquin, accompanied by a friend from New York, were guests of Mrs. Kate Halfpenny on Sunday.

The officers of the Maynard cemetery held their annual meeting on the 21st at the home of J. C. Whitney.

The Women's Institute held its regular monthly meeting on the 21st at the home of Mrs. J. Holt Murray.

STRIKE AT TOLEDO FOR SHORTER HOURS AND RECEIVE THEM

Telephone Staff Now Leaves Duty at Nine O'clock.

Toledo, Jan. 29.—What would have been the nucleus of a strike of widespread proportions in a larger place, took place at Toledo recently, when the members of the Rural Telephone staff struck for shorter hours.

In the Young People's Inter-League series of debates being held in the Brockville district this winter, it was arranged for the winners in group C in a previous debate to meet on Friday night, the 30th inst., at Athens.

The ice harvest is in full swing, the ice being of excellent quality. Joseph Carr, of Frankville, is a busy man this winter, moving his effects to his new home in Toledo, purchased recently from Mrs. G. Pepper.

Several from here attended the funeral of Clifford E. Crummy, held at his home near Lake Eloida on Sunday afternoon.

Saturday night saw a large and merry crowd at the rink. Messrs. Mott and Gray are giving the young people a good opportunity this winter to enjoy the skating to the full.

The sale of merchandise held in Toledo on Saturday afternoon did not attract a very large crowd.

ADDISON

Addison, Feb. 3.—Miss Mildred Howe, Kingston, is at present spending a few days at her home here.

Mr. and Mrs. Edward Kinch, Newbliss, spent the week-end with their daughter, Mrs. V. Moulton.

W. Polley, Easton's Corners, was a recent visitor at the home of George Millar.

R. Patterson spent a few days at the home of his sister, Mrs. George Taplin.

Mrs. Thomas Brown spent the week-end with friends in Brockville.

Mrs. Church was a recent visitor to Brockville to be with her daughter, Clara, who is suffering from pneumonia and who is a patient in the General Hospital.

The Women's Institute held its January meeting at the parsonage on Friday afternoon. Despite the fact that both roads and weather were very unfavorable, a good crowd was present.

Mrs. Lawson, Pakenham, is a guest at the home of Mr. and Mrs. G. Mott.

Miss Seamore, Toledo, is working at the telephone in the absence of Miss Church and Miss Bessie Willis, who are absent through illness but are recovering.

ELGIN

Elgin, Jan. 27.—A miscellaneous shower was held last Saturday evening at the home of Mr. and Mrs. Walter Powers in honor of the bride of last week, Mrs. "Teddy" George (nee Miss Muriel Powers).

Several from here attended the anniversary services at Phillipsville on Sunday last.

When laden tables challenge

Wherever the neighbourhood gathers to eat—church socials, anniversary suppers, picnics—is yours the baking people ask for? Are you proud of it? Bake with Quaker Flour—and your bread, cakes and pastry will always bring you fame among the cooks of your community.

Quaker Flour Always the Same—Always the Best

Deal with the dealer who sells Quaker Flour. If you do not know his name, write us and we will direct you.

LYN

Lyn, Jan. 26.—Mr. and Mrs. Lindsay Brown have returned from their wedding trip.

Mr. and Mrs. George N. Jarvis are in Alexandria Bay, called there by the death of Mr. Jarvis' brother.

Mr. and Mrs. B. M. Stewart, of Chicago, were week-end guests of Mr. Stewart's mother, Mrs. Alex. Stewart.

Miss Idal Woods, Ogdensburg, and Mrs. Walter Booth are caring for Mrs. Hannah Booth, who suffered a stroke of paralysis last week.

Miss Geraldine Cornell, R.N., Clifton Springs, N.Y., is visiting her cousin, Miss Muriel Cornell.

Miss Bertha Billings, Chemical road, called on friends here last week.

Under the direction of Rev. Walter McCree, the Young People's Guild of the Presbyterian church, is preparing a play to be presented in the near future.

Mr. and Mrs. Halliday, of Delta, have moved into the village. Mr. Halliday has taken over the bakery business.

Owing to ill-health, Miss Louise Coleman has retired from the position of organist in the Methodist church. Her place is being taken by Miss Louise Booth.

Frank Stafford and Miss Julia Stafford entertained a number of their friends last Friday evening.

Rev. F. W. A. Meyer, of Brockville, was a visitor in Lyn last week.

On Wednesday morning Lyn enjoyed 32 below zero.

NEWBLISS

Newbliss, Jan. 29.—Service was held in St. Paul's church on Sunday by Rural Dean Davis, of Brockville.

Delbert Bowman, of Bellamy's, is visiting at the home of Mr. and Mrs. Charles Pryce and also at the home of Mr. and Mrs. Jonas Bruce.

Mr. and Mrs. Will Bruce are moving into the Cornell place, Mr. Bruce having purchased the cheese factory.

THE CROSS WORD PUZZLE CRAZE Has taken the country by storm. Look for a puzzle every week on an inside page

We are quoting extra Low Prices on Team and Single Harness and parts. In fact, we can save you money on everything we handle. Call in and inspect our stock and get our prices, and be convinced. A. Taylor & Son

Special Sale Of Radios and Supplies 300C Ohm Guaranteed Head Phones, per pair \$3.78. Radiola Receiving Sets, Model III, \$45.00 Complete. Model III-A, \$80.00, Complete. Tresco 3 Tube Radio Receiver, \$55.00 Tresco 1 Tube Receiver, \$23.00. Radio Tubes, W. D. 11, \$4.48, W. D. 12, \$4.48. Northern Electric Peanut Tube, \$2.98. Radio Tube U. V. 199, \$4.48. Our stock of A, B and C Radio Batteries, is large and complete and prices very low. Come in and get our prices, they are the lowest in town. GUY E. PURCELL.

## Young Tender Leaves

# "SALADA"

**GREEN TEA**  
are sealed in air-tight aluminum foil. Their fresh flavor is finer than any Japan or Gunpowder. Try SALADA.

## Woman's Realm

### MIXING FOODS WITH BRAINS.

The housewife who thinks of food in groups and can classify the groups, has solved an important problem. Every food can be put in one of five groups, and each of these groups contains some substance necessary for the nourishment of the body. Some food from each of the five groups should be included in the daily diet, breakfast, dinner and luncheon or supper affording opportunities for using foods from the various groups.

Group I includes foods containing mineral substances and organic acids. In this group are spinach, lettuce, peas, string beans, tomatoes, turnips, carrots, cabbage, onions, and other vegetables, apples, pears, oranges, grapefruit, berries, other fruit, and fruit gelatin.

Group II includes foods which contain protein. Lean meats, poultry, fish, oysters, milk, cheese, eggs, dried legumes (beans, lentils and peas), nuts, cocoa, custards and ice cream belong in this group.

Group III is made up of the foods which contain starch, such as flour or meal mixtures, bread, crackers, macaroni, rice, tapioca, cereal breakfast foods, other cereal food and potatoes.

Group IV includes the foods containing sugar. In this list we find syrup, honey, preserves, jellies, dried fruits, candy, sugar and frozen fruits or water-ices.

Group V includes the foods containing fats; these are butter, cream, lard, salt pork, bacon, chocolate and vegetable oils.

### THE BEVERAGES.

Tea and coffee are classified as beverages and are not necessary for our well-being. We do require water and should take not less than six glasses a day, in addition to watery foods, such as fruit (which provides water in its purest form), succulent vegetables and soups. A certain amount of bulky food is necessary in order to provide the roughage without which elimination is difficult and constipation follows. The fuel foods include cereals, sugar and fat. Tissue-building foods are found in Group III. Variety tempts the appetite and can easily be obtained by changing the method of preparation or by a change in the combinations with other foods. It is unnecessary to serve so many dishes at one meal. The ideal meal consists of a few well-chosen foods perfectly cooked and properly served.

### PLANNING THE MEAL.

The following food combinations are suggested: With meats and fish, serve one starchy vegetable and one green vegetable; the latter is often served in the form of salad. Bread in some form is also required.

With roast beef serve macaroni, or potatoes browned with the meat, mashed or scalloped, and any of the following vegetables: eggplant, cauliflower, Brussels sprouts, tomatoes (stewed or scalloped), onions, squash, green corn, beet greens, new beets, peas, or saffron. Brown gravy and horseradish quite properly accompany roast beef.

If a salad is served, choose endive, cress, celery or lettuce with French dressing, or serve cole-slaw. The dessert should be a light one such as pineapple sponge, Spanish cream, custards or baked apples with cream.

With beefsteak or lamb chops serve potatoes baked, French fried, German fried or creamed, or sweet potatoes baked or browned; the other

vegetables should be the same as for roast beef. Suggested desserts include cottage pudding, prune whip, Dutch apple cake, canned fruit and oatmeal cookies.

With stewed or braised beef serve boiled potatoes, parsnips, turnips, carrots, onions, peas or beans and horseradish. For dessert serve apple, prune or cranberry pie, gingerbread or chocolate cake with whipped cream.

With boiled mutton serve caper sauce, and with mutton or lamb stew serve boiled potatoes, turnips, saffron, onions, carrots, cauliflower, Brussels sprouts or string beans. Suggested desserts include rice pudding, baked tapioca pudding or fruit shortcake.

With roast lamb serve mint sauce or mint jelly, potatoes and green peas, string beans, spinach, beet greens, summer squash, new turnips or asparagus. Select dessert from custard pie, rhubarb pie, chocolate eclairs, brown Betty made with rhubarb, spongecake with strawberries or a fruit roly-poly (baked).

With roast mutton choose from the same vegetables as for roast beef; serve also red currant jelly, baked bananas, or banana or pineapple fritters. Instead of dessert serve toasted crackers, cheese and celery.

With roast chicken or turkey serve mashed white potatoes, browned or candied sweet potatoes, hominy, rice, squash, onions, celery (raw or creamed), sweet pickles, jelly or cranberry sauce. For dessert serve ice cream sherbet, pumpkin pie or steamed pudding.

With roast pork serve white or sweet potatoes, squash, onions, spinach, creamed cabbage, scalloped tomatoes or parsnips, and apple sauce. For dessert serve baked Indian pudding, bread pudding with jelly and meringue, ginger ice cream, pumpkin pie, or steamed fig pudding with lemon sauce.

With baked fish, serve Hollandaise sauce, or drawn butter, sliced tomatoes or cole-slaw, mashed potatoes and peas. Cheese soufflé, crackers and celery may follow. With creamed fish, serve hot crisp rolls and olives or meringue. For dessert serve sliced pineapple and a simple cake. With creamed salt cod-fish, serve baked or boiled potatoes and buttered beets; follow with toasted crackers, cheese and lettuce salad with French dressing. With soup for the first course, bread, butter and a well-chosen dessert, you have a perfect dinner.

### BREAKFAST AND LUNCHEON.

Breakfast should include fresh or stewed fruit, a cereal, eggs alone, or bacon and eggs, or some other meat dish (not too heavy), bread, rolls, toast or muffins. If grownups demand coffee, make cocoa for the children.

What to serve for luncheon or supper depends upon the season. Thick soups and soups made with milk are good in cold weather, while salads are more appetizing in warm weather. Cold meats, baked beans, dishes made from left overs, eggs in various ways, scalloped dishes, chowders and milk toast are excellent. Strive for variety in bread, serving rye, brown or entire wheat bread, nut or raisin bread frequently, and occasionally serve rolls of various kinds and muffins.

### Justice Must Decide if Woman is "Person."

Is a woman a person? This question is now engaging the attention of the Department of Justice.

A short time ago W. W. Hay of Vancouver, who has been operating a small vessel for five years in British Columbia waters, wrote to the Department of Marine and Fisheries appealing for the right of his wife to take examinations which would qualify her for the position of captain of their boat. Mr. Hay added that his wife had assisted him in the operation of the boat for some years, and that the reason she sought captain's papers was that his eyesight was defective.

The question of her application was referred to the Department of Justice because a point of law was raised. The statute on this matter says: "Examinations may be conducted for British subjects, or for persons domiciled in Canada at least three years, who intend to become masters or mates." Under the meaning of the law, is Mrs. Hay a person? Also, if mistress is the feminine of mate, what is the feminine of captain?

Antelopes will not eat clover hay which has the least mold about it.

## "DIAMOND DYE" IT A BEAUTIFUL COLOR



Perfect home dyeing and tinting is guaranteed with Diamond Dyes. Just dip in cold water to tint soft, delicate shades, or boil to dye rich, permanent colors. Each 15-cent package contains directions so simple any woman can dye or tint lingerie, silks, ribbons, skirts, waists, dresses, coats, stockings, sweaters, draperies, coverings, hangings, everything new.

Buy "Diamond Dyes"—no other kind—and tell your druggist whether the material you wish to color is wool or silk, or whether it is linen, cotton, or mixed goods.

## Love Gives Itself

### THE STORY OF A BLOOD FEUD

BY ANNIE S. SWAN.

"Love gives itself and is not bought."—Langfellow.

### CHAPTER VI—(Cont'd.)

"You mean well. You're making a mistake, Bobbie, as blundering folk like you so often do," observed Peter Garvock with the resigned air of a man who suffers fools—but not gladly. "I have no intention of telling you what happened between Stair and me to-day. You'll hear it in good enough time in common with the rest of the world. Now, will you go, or stop to a bite of supper with us? My mother and sister would be pleased."

"I couldn't eat—with that face glowering at me," answered Sander-son in his blithe manner. "So I'll say good night."

Peter Garvock repeated him somewhat of his ungraciousness as he accompanied his old friend to the door. Bobbie never knew how near he had been to receiving a full confidence, which would have astonished him not a little.

His face was rather rueful as he rode away down the drive, exulting in the smooth, delicious surface which The Lees handyman had to keep up to high-water mark. He was not very fond of Peter Garvock, but he never joined in the jibes against him, partly because his sunny nature preferred silence where only blame was possible, and partly because he had had some special facilities for learning that the Laird of The Lees had another side to his nature.

Not a word had the two ladies of the household heard concerning the most unusual event of the afternoon, and when Ramsay announced that supper was served, and they found Peter in the dining-room, their surprise was great.

Peter's mother was one of those small, doll-like women with a pink-and-white face, soft blue eyes, and a pretty, appealing smile. Yet she had held old Peter Garvock in the hollow of her hand; had been able to twist and turn his nature as she willed; and had never had to ask twice for anything on which she had set her heart.

Her daughter resembled her in looks and, considerably, in nature. Sweet and yielding to outward seeming, and fair to look upon, Lucy Garvock had a full share of the family docility, and, on occasion, her tongue could be dipped in gall.

Mrs. Garvock had dearly loved her grim, masterful husband, which was the secret of her own power over him, and never was man more sincerely mourned than he had been, and was, by his widow. She still wore the widow's bands at neck and throat, and the tiny cap on her soft hair; all of which became her immensely.

She started with genuine surprise at sight of her son.

"Why are you here, dear? Lucy and I are so accustomed to eat alone that we were surprised. Is anything wrong at the Clock House?"

"I'll tell you later, mother," answered Peter, with a warning glance at Ramsay's back.

These words naturally caused some slight feeling of consternation and strain. As in most households, the Sunday evening meal at The Lees was less formal than on other evenings, and after Ramsay had carved at the sideboard he left the room.

Something about these two quiet women, waiting on the information he had to impart, and inwardly speculating regarding it, had a curious, expectant effect on Peter Garvock, and presently, laying down the knife and fork with which he was merely playing, having no appetite for his food, he said, with some abruptness:

"I have two things to say to you, mother and Lucy. The first is that my marriage with Miss Carlyon will not take place, and the second, that I have quarrelled with Alan, and that, so far as I am concerned, there can be no further comings and goings between the two houses."

He spoke quite quietly, and with an assumption of indifference which did not in the least deceive his mother.

"Are we to ask no further questions, Peter?"

"You may ask them, but I have no information to impart."

"May I not even ask whether there is any connection between the two extraordinary pieces of news you have just imparted to us?"

"The facts must suffice," he said; and, for the first time, his voice sounded a little less steady. "I dare say you will hear a highly-colored version of it from someone before long."

But, surely, you don't mean that I am not to go to Stair, Peter!" put in Lucy's hard, piping little voice. "I promised Alan yesterday to go to tea to-morrow, to see his Indian things."

"You won't go, Lucy," answered Peter, with his most autocratic air.

Lucy would have argued the point, but her mother's eyes restrained her. "You put rather a severe strain on us, my son," said Mrs. Garvock, laying her knife and fork side by side on her plate beside the morsel to which she had been helped. "I am sure that, when you come to reflect, you will perceive that it will be wiser to throw a little more light on these matters. Otherwise we shall probably make the most hopeless blunders."

How are we to avoid it? Did Miss Carlyon break the engagement?"

"Yes."

Mrs. Garvock waited a moment, pondering how far it would be safe to go. Peter did not appear angry, but rather, like a man weary of discussion or of thought. But, having lived for thirty years with another temper as difficult to handle, she had become very wary.

She smiled across at his gloomy face.

"About the first item—you can't expect us to be sorry, my dear, because—well—because—but we needn't go over all the old ground, need we?"

"Certainly not."

"But why quarrel with Alan? Quarrels are stupid things. It took me nearly twenty years to convince your father of their futility and disaster. But, once convinced, he often thanked me. Quarrels take money out of 'the pocket, Peter."

"This particular one is more likely to put money in mine," was Peter's grim retort.

"I suppose it was about the mortgages you quarrelled. I warned you to be careful. Alan has a high and proud spirit, and you would have gained your end, whatever it was, quite as successfully by conciliating him a little. I suppose he would not listen to your suggestion to let Stair?"

"He will have no chance now," answered Peter shortly. Then, although he had eaten very little, he pushed back his chair and rose. "If you'll excuse me, I'll leave you. I have some things to write, and I have no appetite."

He stalked out of the room, and mother and daughter regarded one another in open consternation.

"They got on very well together, on the whole, but none of the family ties at The Lees were ideal. There was a coldness and aloofness in the Garvock blood which all the Stair folks had felt but could never understand nor explain. The atmosphere of the two houses was different. There was no more to be said."

Perhaps the money-ense had always predominated too much, and the cult of self and selfish ends been permitted to over-ride everything else.

Even Peter's mother, though she had loved her husband dearly, had been one with him in his desire to make money, because she came from a family who believed that money could buy everything!

"It's very strange—isn't it, mother?" asked Lucy, with her elbows on the table and her clear eyes looking across the flowers at her mother's face.

"Very strange indeed. Do you think there can possibly be any connection between the broken engagement and the quarrel with Alan?"

"I don't see how there can be," was Lucy's answer, and perhaps the wish was father to the thought. "Alan has only seen her once."

"You are quite right. It is impossible."

At the moment Ramsay returned to change the plates, and seemed surprised to find that his master had left the table.

(To be continued.)

### One Dollar a Pound for Tea Predicted Before Long

The tremendous increase in the popularity of tea as a beverage has been such that the producing countries have been unable to satisfy the demand. The price of tea has been steadily increasing for a number of years. Since, however, you can make from 250 to 300 cups of tea to the pound, even at the price of \$1.00 the cost per cup is only one-third of a cent.

Put hot cookies or doughnuts in a crock with the skin of an orange or lemon. It gives a very delicate flavor.

### The Sun as Your Doctor.

Have you noticed how the weather affects your health?

Doctors are realizing more and more that changes of weather cause changes in the human body. They say that sunshine and rain, cold and heat, are important factors in our health. The study of the relations between health and weather has become a new science, which is called "climatology."

Different kinds of weather affect different people in different ways, but as a rule we feel better when the sun is shining. Damp is an enemy of health; a cool, bracing day a friend. Doctors frequently order their patients a "change of scene," and they are now learning that the benefits of such a change are greater even than they had thought, because a change of scene usually means a change of climate as well. Temperature, the amount of moisture in the air, the height above sea-level—all these things can affect our health.

Not only has weather a direct influence on our health, but an indirect one also. Our lives are arranged to suit the weather and climate. Bad weather keeps us indoors, and consequently, in winter, when darkness hampers our movements in the open air, many of us lead unhealthy lives.

Another discovery made by "climatologists" is that sunshine has a wonderful healing effect in such diseases as tuberculosis and rickets. The direct rays of the sun on our bodies forms a treatment which is being given more frequently every year.

In the same way, the study of weather reports has become of increasing importance in deciding the situation of hospitals, sanatoria and convalescent homes.

### A PRACTICAL SHIRT MODEL.



5001. Linen, cambric, percale as well as silk, madras and flannel may be used for this design.

The Pattern is cut in 11 sizes: 13½, 14, 14½, 15, 15½, 16, 16½, 17, 17½, 18 and 18½ inches neck measure. To make the shirt for a 15-inch size, with long sleeves will require 3 yards of 36-inch material. With short sleeves 2½ yards will be required.

Pattern mailed to any address on receipt of 15c in silver, by the Wilson Publishing Co., 78 West Adelaide St., Toronto. Allow two-weeks for receipt of pattern.

Send 15c in silver for our up-to-date Fall and Winter 1924-1925 Book of Fashions.

### The Hypnotic Tongue.

The extraordinary tongue of a South American snake was described to the Fellows of the Zoological Society by Miss Joan Proctor, F.Z.S., Curator of Reptiles at the London Zoo.

The tongue has three colors, which correspond with the reptile's forehead, cheeks, and under-jaw. The result is that when the snake puts out its tongue the effect is as if the pointed snout itself had suddenly shot out into a strange and wriggling point.

From the snake's point of view the result is all that could be desired. Lizards see their foe suddenly making the most remarkable grimaces and remain rooted to the spot.

This uncanny fascination holds the lizard enthralled for the remainder of its life—usually a matter of seconds.

The average Angora goat will produce about 6 to 8 pounds of mohair.

## RADIO

A 5-Tube Radio Set Complete and ready for the air as follows:

**\$150**

- 1 5-Tube Brumer Tully Set
  - 5 Radiotron Tubes
  - 1 80-Amp. Storage Batteries
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  - 1 Ground Equipment
- Regularly \$225. Our Price \$150 Send for our Price List. Reference—Imperial Bank of Canada. SHERBOURNE RADIO EQUIPMENT & SUPPLIES 514 Yonge St. Toronto, Ont.

### Our Unknown Heroes.

We are a forgetful people, and our greatest men often have no memorial. For instance, where are the statues to the following heroes of humble life?

James Smithson, the man who fearlessly admitted before his friends that he hadn't got a wireless set and never intended to have one.

Robert Brown, the staunch patriot who sent in his income-tax on the first demand, and refused to dispute the amount.

Thomas Jones, the only British citizen who is known to have hit his thumb, missed his train, and lost his collar-stud without uttering a word.

Richard Pype, a simple, honest plumber who attended a job without forgetting a single one of his tools, and afterwards suffered unbold torture from his indignant comrades.

William Strange, the eccentric but heroic citizen who always accompanied his wife on her shopping expeditions. He perished nobly during the fierce struggle outside Messrs. Selfgrove's store on their sale day.



### Not Heavy for the Offense.

"Brown was fined several hundred dollars for giving a girl the once over while on the street in his car."

"Pretty heavy penalty, don't you think?"

"Not for running a girl down, no."

### Minard's Liniment for the Grippe.

A Lost Island.

In the far south Pacific is a forgotten isle called Bardeo, which is ruled over by a widow of an Australian, who went there originally in the hope that missionary work would assuage her grief over the loss of her husband. She is now the supreme ruler of the island, which contains only three other whites.

The price of a thing should be a measure of its quality; more often, however, it is merely a measure of what the careless buyer can be induced to pay for it.

### CHESTERFIELD SUITES

All hand made—they are beautiful—latest tapestries and mohairs. We will save you money. Prices and samples on request. Freight prepaid. J. S. Fagel, 516 Danforth Ave., Toronto.



are the concentrated strength of prime, fresh beef. Use them to add flavor and nutriment to soups, sauces, gravy, stews, hash, meat-pies.

Tins of 4-15c. and " 10-30c.

## Let the Province of Ontario Savings Office Guard Your Savings

It is easy to open an account by mail. Simply send money by Bank Cheque, Post Office or Express Money Order, or Registered Letter, to the Branch nearest you and you will receive your Bank Book by return mail.

The entire resources of the Province of Ontario guarantee the safety of your deposits, on which interest will be compounded half-yearly. You can withdraw your money by cheque at any time.

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### ABSOLUTE SAFETY





**SMOTHERING THE ENEMY—"ALL BLACKS" STYLE**

The "All-Blacks," famous New Zealand Rugby team, is to tour Canada, sailing from Liverpool on January 24th aboard the "Montaurier" and travelling via Canadian Pacific lines. At Vancouver and Victoria they will play Canadian teams. They did not lose a game on their recent tour of the Old Country and France. The photograph taken in the match against Cardiff gives an excellent impression of the deadly "All-Blacks" team-work.

**HEALTH EDUCATION**

BY DR. J. J. MIDDLETON

Provincial Board of Health, Ontario.

Dr. Middleton will be glad to answer questions on Public Health matters through this column. Address him at Spadina House, Spadina Crescent, Toronto.

Child welfare is a big subject. It would tend to lower vitality or hamper normal progress. Some of the things we have to keep in mind in this sense are adenoids, diseased tonsils, decaying teeth, constipation and other conditions that often are thought to be of little account in the progress of the child's life, but which have a profound bearing on its general vitality. One of the most important features of child welfare work is the reduction of infant mortality. There are far too many deaths in Ontario and indeed in Canada, of infants under one year of age. Many features contribute to this high death rate, one of the chief of which is intestinal troubles brought about by improper feeding. Artificial feeding is difficult to carry on successfully or weakly. Child welfare includes all this and more. It, in fact, can be defined as "everything to do with the child." It includes every possible provision for children before and after birth; before, during and after school age; and into adolescence and suitable employment. Child Welfare work includes the care of those children who are destitute, neglected, delinquent, abnormal in mind and body, orphaned, badly born, deprived of natural relationships and support. Protection must also be given to normal children, for the great aim of preventive medicine is to keep well children well. This great purpose of preventive medicine, of course, applies to adults as well as children, but it is to children that we are especially directing our thoughts at the present time. It is, therefore, the duty of all who are interested in Child Welfare to remove all sinister influences which militate against perfect growth and development. These influences include not only environment and general upbringing as regards children, but also the condition of their physical health, their freedom from any condition that

**A DANGEROUS SEASON FOR THE LITTLE ONES**

Winter—with its extreme changes of temperature—one day warm and bright, the next cold and stormy, is decidedly dangerous to the health of little ones. The mother is afraid to take the children out for the fresh air and exercise they need so much. The children are cooped up in over-heated, badly ventilated rooms and in consequence many of them are seized with colds or grippes. What is needed to keep the little ones well is Baby's Own Tablets. They are a sure regulator of the stomach and bowels and in this way drive out constipation and indigestion and break up colds or grippes. By their use baby will be aided over the winter season with perfect safety. The Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

**War Holds Up Soy Beans.**  
The export of soy beans from China is threatened by the present warfare, which involves Manchuria, the chief centre of soy bean cultivation.

**Canadian Almanac 1925**

78th Annual Issue Now Ready Containing Customs and Excise Tariff, Legal Directory of Canada, Complete lists of Banks and Trust Companies in Canada, Directory of Post Offices and Railroad Stations with Shippers' Guide, etc., etc.

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TORONTO



**The Known Fact.**  
Wife—"They say it takes nine tallors to make a man—I hope that isn't so in your case."  
Hubby—"I can't say; but I can tell you for a certainty one dress-maker can break me."

**Alligators by Air Mail.**

One of the strangest "parcels" ever sent by air arrived at Croydon recently in an aeroplane from Amsterdam, says a London newspaper.

The "parcel" consisted of six baby alligators, in a special tank, the temperature of the water in which had to be kept at 70 degrees Fahrenheit. If they had been sent by any other way the journey would have taken so long that there would have been a risk of a drop in the temperature of the tank that would have proved fatal to the infant saurians.

Throughout the trip a special attendant was watching over the comfort of the reptiles, who seemed none the worse for an adventure that was surely new in the experience of their kind.

**But Seldom Is.**  
Many a man who has made a failure of everything else imagines he is a success as a husband.

Parents usually appear infallible in their children's eyes. And that is as it should be.

For First Aid—Minard's Liniment.

**WOMAN'S HEALTH WHEN FORTY-FIVE**

A Critical Period When Dr. Williams' Pink Pills Are a Real Blessing.

At special periods a woman needs a medicine to regulate her blood supply, or her life will be a round of pain and suffering. It is at such times that Dr. Williams' Pink Pills are worth their weight in gold, for they make the new rich blood that banishes the symptoms of distress that only women know. The better blood that comes with the use of these pills strengthens every vital organ and brings womanly health and happiness. This is fully proved by the case of Mrs. G. Witthuhn, Arcola, Sask., who says:—"I am one of the many for whom Dr. Williams' Pink Pills have done wonders. About three years ago I was so weak that I could not do my household work, or even go about without feeling utterly worn out. The doctor suggested that an operation was the only thing that would help me, but this I refused to undergo, and I returned home almost in despair. My trouble was all due to the lingering change of life. At this stage I read an advertisement of Dr. Williams' Pink Pills and decided to try them. By the time I had used six boxes there was no doubt they were just what I needed, and under their continued use for some time my health was fully restored, and since that time I have been in the best of health. I am writing this letter in the hope that it may induce some other suffering woman to use Dr. Williams' Pink Pills and regain her health."

These pills are sold by medicine dealers or will be sent by mail at 50c a box by writing the Dr. Williams' Medicine Co., Brockville, Ont.

**Stars in Pairs.**  
There are many stars that are double, says Nature Magazine. That is, they are made up of stars revolving around one another. Most of these pairs are of contrasting colors, one blue and the other gold, or one red and the other green. Albireo is considered to be one of the finest of the pairs that are visible in small telescopes.

**A Wonderful Hat.**  
Miss Gush—"I want you to see my new hat. My friends say that I look well in it."  
Miss Rush—"I am anxious to see it. It certainly must be a wonderful hat."

**Chinese Exports.**  
Exports from the Chinese province of Chihli include feathers, goats' beards, fox tails, hair, human hair, pig bristles and lanterns.

**Birds in Yellowstone.**  
About 300 kinds of birds are found in Yellowstone National Park.

**The Ritz-Carlton Hotel Atlantic City New Jersey**

America's Smartest Resort Hotel.  
Famous for its European Atmosphere.  
Perfect Cuisine and Service.  
Single rooms from \$5.00  
Double rooms from \$8.00  
European Plan  
New Hydratic and Electro-Therapeutic Department.

GUSTAVE TOTT, Manager

**EASY TRICKS The Disappearing Tumbler**



This is a favorite trick with several professional magicians. If you will practice it, you will discover that it will make a veritable sensation when you perform it. It is performed while the performer is seated at the dinner table.

A coin is borrowed and marked and is placed on the table in front of the performer. A tumbler is inverted over the coin. A sheet of newspaper is placed over the tumbler and is moulded to its shape. The performer makes a few mystic passes over the hidden tumbler and lifts it, seemingly surprised to discover that the coin has not vanished. He repeats the performance. Again the coin does not vanish.

"This time it has got to go!" he exclaims. "One! Two! Three! Go!" As he says "go" he strikes the tumbler with his open palm. No harm is done, however, for the paper collapsed. The tumbler has vanished! The coin is still there—its mission being merely to mislead the spectators as to the purpose of the trick.

The secret is simple. The second time he lifts the tumbler all eyes were on the coin. The magician took advantage of this to let the tumbler slip out of the paper into his lap. The moulded paper, holding the form of the tumbler, looks exactly as it did and the absence of the glass is not suspected. The magician makes a sort of runway of his legs and lets the tumbler slide, noiselessly to the floor. When he strikes the paper, he gives the tumbler a shove with his foot so that when it is discovered it will be as far away from him as possible.

(Clip this out and paste it, with other of the series, in a scrapbook.)

**World's Storehouse.**  
Mexico is often referred to as the "storehouse of the world" because of the great fertility of its soil and its almost inexhaustible natural resources. Humboldt, the German naturalist, nearly a hundred years ago spoke of Mexico as the "treasure house of the world." Although still undeveloped, Mexico is one of the most richly mineralized regions of the earth.

**Imagination, Reason and Good Judgment.**

Look ahead! Think! Plan! Dream. And have faith in your dreams. For out of dreams grow empires. Let imagination be the architect of your future. But do not forget that reason and good judgment must be the actual builders of it. Without their service your plans will never be anything more than plans.

The safe way to send money by mail is by Dominion Express Money Order.

**Romance in Transportation.**

Probably the most romantic chapter in Canadian history is the one which has to do with transportation. First there was the pack horse, then the ox-cart, finally the wagon. Now the modern locomotive and automobile lead the list.

For Every Ill—Minard's Liniment.

A tea your grocer recommends is usually good tea

**RED ROSE TEA "is good tea"**

And most grocers recommend it.

**Frontier College.**  
The Frontier College, established by the Canadian government to educate the workers in the lumber and construction camps, is generally known as the University in Overalls. Since its beginning it has sent more than seven hundred instructors into camps in different provinces, and each year approximately fifteen hundred men receive instruction in some kind of school work. The founder writes: "Education must be obtainable on the farm, in the bush, on the railway and in the mine. We must educate the whole family wherever their work is, wherever they earn their living, teaching them how to earn and at the same time how to grow physically, intellectually and spiritually to the full stature of their God-given potentialities."

**His Hearing Restored.**

The invisible ear drum invented by A. O. Leonard, which is a miniature megaphone, fitting inside the ear entirely out of sight, is restoring the hearing of hundreds of people in New York City. Mr. Leonard invented this drum to relieve himself of deafness and head noises, and it does this so successfully that no one could tell he is a deaf man. It is effective when deafness is caused by catarrh or by perforated or wholly destroyed natural drums. A request for information to A. O. Leonard, Suite 487, 70 Fifth Avenue, New York City, will be given a prompt reply. advt

The ship encircles the earth of one's own effort and fetches back a cargo only in return for one sent out. Call it trading if you will. I call it "God's law of compensation." It is as absolute as gravity's law itself.—O. S. M.

Court-plaster, used to cover a wound, will be much more comfortable and less likely to draw, if it is pricked all over with a fine needle before being applied.

**SPRIT OF IRON**  
Permanently Relieves RHEUMATISM GOUT GRAVEL NEURALGIA MIGRAINE SCIATICA  
Don't suffer when this wonderful tried and proven remedy gives permanent relief. Nothing else like it—a powder absorbed by the feet directly into the system. Guaranteed. If not procurable at your drugist, will be delivered at your door any place in Canada on receipt of post order. Price, \$2.50. Total amt. 50 cents.  
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Ideal Winter Playground Only 2 Days from New York  
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**Duck Potatoes.**  
Wild ducks are very fond of the bulbous rootstocks of the arrowweed; they are sometimes called duck potatoes.

**Reckless Driving Condemned.**  
Reckless driving and other flagrant disregard of the rights of others by any user of the streets or highways should be punished.

**Classified Advertisements**

**MONEY TO LOAN.**  
FARM LOANS MADE. AGENTS wanted. Reynolds, 77 Victoria Street, Toronto.

**WANTED**  
STONE INDIAN RELICS - H. A. VanWinkel, 1399 Lansdowne Ave., Toronto.

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PAPER, PHOTOS, ADDRESSES 10c. McCreery, Chatham, Ont.

We are interested in obtaining **OLD and RARE BOOKS**  
ON CANADIAN SUBJECTS. Send particulars to the Wilson Publishing Company, 75 West Adelaide Street, Toronto, Ontario.

**Distemper!**

Minard's is the best remedy for distemper and other ills of horses, cattle and dogs.

**MINARD'S "KING OF PAIN" LINIMENT**

**CUTICURA HEALS ITCHY PIMPLES**  
On Face, Neck and Chest. Were Hard, Large and Red. Lasted Six Months.  
"My trouble began with pimples on my face, neck and chest. The pimples were hard, large and red and festered and itched very badly, especially at night. The irritation caused me to scratch and the scratching caused eruptions. The trouble lasted about six months. I began using Cuticura Soap and Ointment and they afforded relief, and after using one cake of Cuticura Soap and one box of Cuticura Ointment I was healed." (Signed) Miss Harriet Gusdorf, 617 S. Elm St., Spokane, Wash., June 4, 1923.  
Cuticura Soap daily, with Cuticura Ointment occasionally, prevents pimples or other eruptions. They are pleasing to use, as is also Cuticura Talcum, an excellent deodorant.

**NERVOUS BREAK-DOWN**  
Pains in Back and Legs Relieved by Lydia E. Pinkham's Vegetable Compound

Ford, Ontario.—"I had a nervous break-down, as it is called, with severe pains in my back and legs, and with fainting spells which left me very weak. I was nervous and could not sleep nor eat as I should and spent much time in bed. I was in this state, more or less, for over two years before Lydia E. Pinkham's Vegetable Compound was recommended to me by my neighbor. Before I had taken five doses I was sitting up in bed, and when the first bottle was taken I was out of bed and able to walk around the house. During my sickness I had been obliged to get some one to look after my home for me, but thanks to the Vegetable Compound I am now able to look after it myself. I have taken Lydia E. Pinkham's Blood Purifier in turn with the Vegetable Compound, and I certainly recommend these medicines to any one who is not enjoying good health. I am quite willing for you to use these facts as a testimonial."—Mrs. J. SHEPHERD, 130 Jos. Janisse Avenue, Ford, Ontario.

Nervousness, irritability, painful times, run-down feelings and weakness are symptoms to be noted. Women suffering from these troubles, which they so often have, should give Lydia E. Pinkham's Vegetable Compound a fair trial. All druggists sell this medicine.

For Colds  
**BAYER**  
ASPIRIN  
Proved safe by millions and prescribed by physicians for  
Colds Headache  
Pain Neuralgia  
Toothache Lumbago  
Neuritis Rheumatism  
Safe  
Accept only "Bayer" package which contains proven directions.  
Handy "Bayer" boxes of 12 tablets. Also bottles of 24 and 100—Druggists.  
Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monocetio-acetic acid of Salicylic acid (Acetyl Salicylic Acid, "A. B. A."). While it is well known that Aspirin means Bayer manufacture, to assist the public against imitations, the Tablets of Bayer Company will be stamped with their general trade mark, the "Bayer Cross."

# LOCAL NEWS

ATHENS AND VICINITY

## Obituary

Mrs. H. Coleman is in Smiths Falls with her daughter, Mrs. C. Hollingsworth, who is convalescing from her recent operation for appendicitis.

Mr. Crawford C. Slack went out to Smiths Falls Friday evening and on Saturday attended the funeral of his aunt, Mrs. P. P. Slack.

The Women's Institute this week paid off their last installment on the Memorial Park property, which is now clear of debt.

J. W. Henderson and family moved from Athens to Elvida this week, having taken possession of the farm of D. L. Johnston.

The Women's Institute has decided to purchase a piano for the new High School, and the instrument was placed in the fine assembly hall this week.

P. Y. Hollingsworth spent Sunday in Smiths Falls with his sons, Wallace and Chauncey.

Dr. Carman Slack, of Smiths Falls, a former Athens boy, who graduated from the Royal Dental College of Toronto last spring, is locating in Picton this week, where he has purchased a practice.

Group III of the Women's Institute have changed the date of their box social and euchre from March 17th to February 18th.

Mrs. Fred Hollingsworth and baby girl, Beth, have returned to their home at Sheldon's after spending several weeks in town with the young mother's parents, Mr. and Mrs. Levi Wilson.

S. Hollingsworth and family are now nicely domiciled in their new place of residence on Centre street; and Donald Fraser and family are occupants of the Tackberry property, Mill street.

On Friday evening last the young girls of the town gave a very enjoyable social dance in the town hall, aided by the A.A.A.A., music being furnished by Gray's sycophants.

Dr. K. A. Blancher, of Morrisburg, and Mrs. E. Earl, of Temperance Lake, were called to Athens over the week-end by the serious illness of their father, Mr. Frank Blancher, Isaac street.

The concert presented by the children of Christ Church Sunday School in the church basement on Wednesday evening, Feb. 4th was a great success and much enjoyed by those present.

Group I of the Women's Institute, who held a sale of home cooking with serving of afternoon tea in the rest room, Memorial Park, on Friday afternoon last, netted about \$26.00.

You can save money on underwear, heavy tweed pants, sweater coats, mackinaw coats etc. at Doyle's, Brockville.

It will be pleasing news to many Athenians to hear of the honor bestowed upon Miss Margaret Gibson, who is a student in arts at Queen's University, Kingston, she having been chosen as one of the two delegates appointed by the university to attend the missionary conference in Washington, from January 27th to February 7th.

The Woman's Auxiliary of Christ Church will hold a social evening at the home of Mrs. Glenn Earl on Monday evening Feb. 9th at eight o'clock to which the members of the church and their friends are cordially invited to be present. There will be a minimum charge of 25c.

Owing to the death of Clifford Crummy, of Elvida, last month, his brother, Stanley Crummy, will take possession of the homestead farm. Mr. Stanley Crummy recently returned from several years' residence in the Canadian West with the intention of going on an adjoining farm, that of D. L. Johnston.

All kinds of fine footwear, heavy rubbers etc. to be sold at sacrifice prices during our big sale. Doyle's Brockville.

The regular monthly meeting of the W. M. S. was held Thursday afternoon in the vestry of the Methodist Church. A most interesting program was given which consisted of a dialogue by Mrs. Curtis and Mrs. Moore, a duet by Mrs. H. E. Warren and Miss Pearl Burnham, a missionary paper entitled "Missionary Movements and Missionary Progress" by Miss M. Bennett of the public school staff was read by Mrs. G. E. Crummy. The reporter of the study book was taken by Mrs. Lettmer, Mrs. H. E. Cornell, and the devotional period on prayer. Eight heralds reported on the missionary activities in our own land. The program was in charge of Mrs. H. Burnham, Henry St. The president Mrs. Wm. Towriss occupied the chair and Mrs. Beach filled the secretary's place in the absence of Mrs. E. E. Mrs. H. Warren closed a most instructive hour with prayer. This society is planning to celebrate its 40th birthday on the 7th of April by an open meeting to be held in the evening.

## SEELEY'S BAY

Seeley's Bay, Jan. 26.—The Seeley's Bay Women's Institute held its regular monthly meeting at the home of Mrs. John Stevenson on the evening of January 6. After the business part of the meeting, Mrs. Stevenson read a chapter on "Widows Allowances from 'Laws of Ontario Relating to Women'." Miss A. Smith then gave an enjoyable reading. This was followed by a contest in which all took part. A delightful lunch was served by Mrs. Randall and Mrs. Stevenson. The sewing class, which is under the supervision of Mrs. Stevenson, assisted by Mrs. J. Moroughan, met on Thursday evening, January 15, at the home of Mrs. Stevenson, with a splendid attendance.

## W. I. PRESENTS PIANO.

At the regular meeting of the Women's Institute on Saturday last, it was decided to purchase a piano and present it to the High School. The piano was put in the auditorium of the new High School on Tuesday and presented to the school on the occasion of the meeting of the Literary Society on Tuesday night.

## Annual Mid-Winter Sale of Men's and Boys' Overcoats at Doyle's, Brockville.

Men's and young men's suits at genuine bargains during our mid-winter sale at Doyle's, Brockville.

On Sunday evening next Feb. 8th Christ Church Choir will give another of its popular organ and choir recitals after the evening service at 8.15 p.m. A hearty invitation is extended to every music lover to be present. The programme will consist of anthems and solos by choir members and organ selections by Mrs. V. O. Boyle, organist and choir directress. A special collection will be taken to defray the expenses of the choir music.

## The Churches

**Athens Methodist Church**  
Rev. H. E. Warren, M.A., B.D., Pastor.  
Sunday, February 8th, 1925.  
Morning Service, 10.30.  
"Are the 'Former Days' Better than These'?" (concluding service)  
Afternoon—2:30.—The Sunday School  
Evening Service, 7.00.  
"Paul, the Pioneer among the Gentiles."  
Note:—On Monday, a stereopticon address in the S. S. Hall upon "A Hundred Years of Missions" in the Epworth League.  
All are welcome.

**Parish of Lansdowne Rear**  
Rev. V. O. Boyle, M.A., B.D., Rector  
Septuagesima Sunday  
February 14th  
Christ Church Athens, —  
2:30 p.m. Sunday School.  
7:00 p.m. Evening Prayer.  
Trinity Church, Oak Leaf.  
2:30 p.m. Evening Prayer.  
St. Paul's Church, Delta.  
9:30 a.m. Sunday School.  
10:30 a.m. Holy Communion.

**Baptist Church**  
Rev. G. G. Upham, Pastor.  
Plum Hollow—  
Sunday School, 9:30 a.m. Service 10:30 a.m.  
Toledo, —  
Service, 2:30 p.m.  
Athens—  
Sunday School, 10:30 a.m. Service, 7:00 p.m.

## Annual Meet Eastern Ont. Association

MUNICIPALITIES WARNED OF POWER MENACE.

A. Maguire, of Toronto, president, and T. J. Hannigan, of Guelph, secretary, of the Ontario Municipal Electric Association, addressed a meeting of representatives of Eastern Ontario municipalities in Brockville on Friday, urging them to take advantage of securing cheaper power near their doors by making demands upon the Federal Government that it issue an order allowing the Hydro-Electric Power Commission to develop power at Morrisburg.  
Included in the audience present were members of the Leeds and Grenville Counties Council. Mayor Reynolds, of Brockville, presided.  
In his address, ex-Mayor Maguire of Toronto asked his hearers to exert every ounce of effort they had to resist that which belongs to them. He warned the meeting against the danger of the power development in Eastern Ontario being turned over to an international joint commission.  
"Once it is taken away from you it will be a long time before you get it back. It is your heritage. If it is taken away there will be great meetings of protest. Let us do the work before that time arrives. Let us organize and ask for that which belongs to us," concluded Mr. Maguire.

## SEELEY'S BAY

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## Yonge and Escott Rear TAX NOTICE

All taxes not paid by February 20th will be left in the hands of Mr. James Seymour, bailiff.

## Farm Help Wanted

Farmers requiring help for the spring season or year 1925 are requested to apply at once to H. A. Macdonnell, director of Colonization and Immigration, Parliament Buildings, Toronto, Ontario, or to the Agricultural Representative of the County in which they reside.  
Applicants should state whether they require experienced, partly experienced or inexperienced single men, or experienced married men, length of time services will be required, and rate of wages.  
Applications will be filled as far as possible in the order in which they are received, preference given yearly engagements.  
By Authority of the Honourable John S. Martin, Minister of Agriculture.

## NURSING WANTED

All cases taken. Terms reasonable.  
Mrs. Albertus Kelsey.

## Notice to Creditors AND OTHERS.

NOTICE is hereby given pursuant to "The Revised Statutes of Ontario," 1914, chapter 121, that all creditors and others having claims against the estate of Margaret Dobbs, late of the Township of Lansdowne, in the County of Leeds, widow, deceased, who died on or about the third day of November, 1924, are required, on or before the first day of March, 1925, to send by post, prepaid or deliver to Samuel Rathwell, of the Village of Lyndhurst, in the County of Leeds, the Executor of the last Will and Testament of the said deceased, their Christian and surnames, the full particulars of their claims, and the nature of the securities, if any, held by them.

AND FURTHER TAKE NOTICE that after such last mentioned date the said Executor will proceed to distribute the assets of the deceased among the parties entitled thereto, having regard only to the claims of which he shall then have notice, and that the said Executor will not be liable for the said assets or any part thereof to any person or persons of whose claims notice shall not have been received by him at the time of such distribution.  
DATED the 29th day of January, 1925.  
T. R. BEALE,  
Solicitor for the Executor.

## Men are Ousted From Favorite Haunt in Store

Bishop's Mills Women Take Possession of Popular Benches.

## NEWS OF THE VILLAGE

Travelling Library Has Arrived For Use of Members of Women's Institute.

Bishop's Mills, Feb. 2.—A number of benches placed in the centre of a local shop for the comfort of customers have been monopolised pretty generally by some of the men of the village who have been known to continue their discussions on mixed farming, politics, country gossip, and how to reduce the national debt, until late in the night. On Saturday evening a number of female customers, in a spirit of fun, arrived early upon the scene and took possession of the benches. Imagine the surprise of the regular frequenters when they arrived at the shop to find the benches occupied by fair maistrons, school teachers and pretty girls, all busy discussing recipes for cooking, current events, bobbed hair, and all popular topics except church union.  
N. Greer, of this village, received a card recently from Adam Ennis, who left here with Mrs. Ennis not long since to spend the winter in Florida. Mr. Ennis states that many of the farmers there are busy planting potatoes at this season of the year in that southern state of the Atlantic coast.  
Rev. J. U. Tanner, a representative of the Home Missions committee of Montreal, conducted the service in the Presbyterian Church on Wednesday evening, assisted by Rev. J. McCavoy. At the close of the service a meeting of the members of the church was held to answer questions that have arisen under the new conditions and in which Mr. Tanner explained more fully the act incorporating the United Church of Canada and the basis of union.

## BELL'S CROSSING

Shower Tendered Miss Verna Ellis at Bell's Crossing Recently.  
Bell's, Jan. 30.—A very pleasant evening was spent on Friday, January 23, when Mr. and Mrs. David Tim tendered a miscellaneous shower in honor of the approaching marriage of Miss Verna Ellis. Over 100 were in attendance and the many gifts and envelopes attested the popularity of the bride-to-be. A very suitable address was read by Mrs. Harold Richards which was ably responded to by the guest of honor.  
Mrs. R. S. Hinton, Jasper, was a week-end guest of Mr. and Mrs. H. E. Richards recently.  
Mr. and Mrs. Claude Johnson, of Frankfort, visited the former's sister, Mrs. James Guinness.  
Little Shirley Richards has returned from the hospital in Brockville, following an operation upon her throat.

## JUNETOWN

Junetown, Jan. 26.—Mr. and Mrs. Carl Burnham and daughters, Audrey and Doris, of Quabbin, were guests of Mr. and Mrs. Fred Graham on Sunday.  
Miss Evelyn M. Earl, Brockville, was a week-end visitor at Ross Purvis'.  
Mr. and Mrs. Fortune, Robert Fortune, Miss Maggie Ferguson, Messrs. Arthur Fortune, Francis Fortune and George Kerr attended the funeral of John Fortune at Athens on Friday. Mr. Fortune was born in Junetown, where he resided for a number of years and was a brother of Robert and Francis Fortune and Miss Kathleen Fortune.  
Mrs. William Lanigan, Victoria, B.C., is the guest of her brother, Egbert Avery.  
Miss Gertrude Scott, Purvis Street, spent the week-end with her parents, Mr. and Mrs. Herbert Scott.  
A number from here attended the funeral of Robert Hogan at Grahamton on Thursday.  
Mrs. Latimer, R.N., has returned to her home at Quabbin after having spent the past two months with her niece, Mrs. Fred Graham.  
Miss Verlin Green is spending some time in Rockfield with her brother, Stanley Green.  
Mr. and Mrs. William J. Ferguson, Tilly, are visiting relatives here.  
Miss Lily Morris has returned to her home at Glen Morris after having spent some months here with her aunt, Miss Katherine Fortune.

**How the Bank can help the Farmer**

THERE are scores of ways in which your Bank can help you—methods that will surprise you by their convenience and safety.

Take the sale of an animal. If it is a cash transaction, you can ask the purchaser to send you a marked cheque or your bank will attach a sight draft to the bill of lading.

If it is a time sale, your banker will handle and collect the note.

Our manager will be only too glad to outline to you the scores of ways in which he can serve.

**BANK OF MONTREAL**  
Established over 100 years.  
Total Assets in excess of \$700,000,000

**Fighting the Storm**

Above—One of the first engine plows. Centre—A push plow in action. Below—One of the Canadian Pacific rotary plows, of latest design.

In certain portions of Canada and the United States, the successful and regular movement of trains during the winter months often depends upon the use of special equipment, the purpose of which is to remove snow and ice from the tracks, and from the direct right of way. As a matter of fact, no railroad in Canada or in the northern parts of the United States could hope to operate without a complement of snow-fighting equipment.

In a study of snow-fighting equipment it is interesting to note that its development is very largely due to Canadians and to Canadian railroads, although snow conditions in Canada are no more severe than those met with on roads passing over the Rocky or Cascade Mountains in the United States, or through the border States. The principal types of snow-fighting equipment may be generally classified as engine and pilot plows, which are attached to the engine front or pilot, push plows, self-contained units mounted on trucks and pushed by a locomotive, wing plows, spreader plows, machine plows which includes the rotary machine, flangers, ice cutters and snow sweepers.

As far as can be ascertained, the first snow plow ever built was of the push plow type. As this plow derailed frequently, an endeavor was made to take advantage of the weight of the locomotive, and thus the engine plow was evolved.

The present rotary plow used on roads, which have to fight deep drifts, snow slides or other conditions beyond the capacity of push plows, is the most effective instrument that has been developed for that purpose. These plows can work their way through deep cuts and slides where it would be impossible for any other type of plow to lift the snow and, in addition, can throw the snow clear of the track. Seen in action, these plows present a rather picturesque appearance when viewed from the front. The rotary plow, as now used, is a development of a revolving snow shovel, patented in 1869 by Mr. W. E. Elliott, a dentist, of Toronto, Ont. This elementary device was modified by Orange Jull, of Orangeville, Ontario, and the Jull rotary was taken up by the Leslie Brothers, also of Orangeville, who constructed a full-sized model which was tried out in the Parkdale yards of the Canadian Pacific in 1884. The success of this trial led the Leslie Brothers to have made for them a complete plow which was tried out by the Union Pacific Railroad during the winter of 1886-87. This plow was the forerunner of the modern rotary.

For many years the Canadian Pacific Railway has constructed its plows of steel. It was the first railway to build and use an all-steel plow, and the service given by this type has been mainly responsible for the all-year communication between eastern and western Canada, the heavy snow falls experienced at times, particularly in Ontario and through the Rockies, being now no impediment to traffic.