

**ARMISTICE DANCE**

Auspices of Ladies Auxiliary of the Canadian Legion

McINTYRE RECREATION HALL

Monday, Nov. 11th

Dancing at 9.30 p.m.

Refreshments

CLUB ROYAL ORCHESTRA

Couple \$1.50

Extra Lady 50c

**Advance Shown in 1929  
in Fire Fighting Forestry**

**Attitude of General Public Changed by Educational Methods Says Deputy Minister of Forestry for Ontario in Interesting Article. 1929 was a Bad Year for Forest Fires but Showed Notable Advance in Forest Fire Fighting and Forest Fire Prevention.**

The following article by Mr. E. J. Zavitz, Deputy Minister of Forestry, as published in the current issue of "Abitibi," the magazine published by the Abitibi Power & Paper Co., outlines the work of the department and the results obtained. The article follows:—

The forest fire season of 1929 will go down in history as one of the bad fire years and experience gained this season again emphasizes the fact that prevention and suppression of forest fires is still the major problem confronting foresters in this country.

Education in forest fire prevention has probably done much to change the attitude of the general public towards this menace, but for many years our only hope will be in developing and maintaining a real live forest protection organization.

Those who realize the character of much of our forest region with its accumulation of years of natural debris, windfall and logging slash of a coniferous nature, do not wonder that serious fires occur when real hazardous weather develops. Bad fire seasons are naturally a question of weather conditions and this past season has been no exception. A large portion of Ontario this season developed periods of bad fire weather, but the northwestern end of the province experienced the most trying, drawn-out drought with its attendant fire troubles known to the oldest inhabitants.

Following the very dry autumn of 1928, this spring opened without appreciable rains and a continued drought lasted through the summer until early in September. Fires started as soon as snow left and scarcely a day passed till early in September which did not seem new fires reported. Throughout this vast region (some 50,000,000 acres) no fire was allowed to go without action, and when the records are all in it will be shown that the great majority were placed under control within a few hours.

I am afraid that the general public of Ontario will never appreciate or realize what a battle was staged by the forest officers, rangers and airmen in the outlying regions of northwestern Ontario in 1929. Before the days of trained men, mechanical fire-fighting equipment, air transportation and organization, a season such as 1929 would have spelled disaster to the forests and many of the settlements of western Ontario.

With the advent of lookout towers, communication by telephone and wireless, mechanical equipment and air service, it is realized that a permanent organization with special training must be developed and maintained to cope with the situation. Many of the fires this season were put out or under control with five to 20 men in a few hours, that a short time ago could not have been controlled with any number of men.

In studying the results of this past season and comparing it with previous years one is encouraged to believe that we are getting satisfactory results, at least commensurate with the amount of money spent on this work. It may interest the readers of this magazine to have some basis for comparing the status of forest fire protection of the

present with that of the past.

The Trent district comprising over three and one-half million acres has a complete detection system of lookout towers with communication centering in the Tweed district office. During the last of August and first two weeks of September this district experienced one of the worst seasons in respect of dry weather, known in years. Up to the first of October 163 fires had been reported and all but two had been put out or under control within 24 hours. The total area burned will probably not exceed 5000 acres, much of which is poplar-birch type with little timber of present commercial value. In 1913, in the eastern portion of this district, 158,000 acres were burned and no complete records exist for the total acreage of the whole district. The answer is good organization, lookout towers and communication, and a better public appreciation of the problem. The average annual expenditure to secure these results has amounted to around one and one-half cents per acre.

The progress and development of protecting Ontario's forests from fire can best be judged by a study and analysis of the life history of the individual fires as shown in the reports coming into Head Office. The following is taken from a letter dated August 28th, making a summary report on one of the difficult fires in the Sudbury district.

"This fire (Rathbun Township), was reported to us by Parkin and McConnell Towers at 5:15 p.m. on August 25th. The Chief Ranger at Skead was immediately notified and at 5:30 p.m. a plane left here to appraise the fire and assist in any way possible. Before dark the plane had accurately located the fire, down the Chief Ranger over it and landed two men, a pump and hose. The rest of the crew of eight men proceeded to the fire on the ground.

"At 11:30 p.m. Sunday night, August 25th, we received a call from the Chief Ranger, who had then returned to Skead for men and provisions. In accordance with this, we gathered nine men and supplies for a 25-man crew for four days and sent them by truck to Skead, at which point they arrived at 2:20 p.m. These men were immediately sent across the lake by boat together with the Deputy Chief from Milnet and a third pump. In this connection, we may mention that the operator at Milnet was off duty at this hour and we were forced to send him a message over the C.N.R. dispatcher's wire.

"The first crew commenced to pump water on the fire with one pump at 3:30 a.m. The second pump which was sent in by boat commenced shortly after daybreak. By eight o'clock in the morning, we had three pumps operating and a crew of 17 men. This crew worked continuously for 36 hours before being relieved by a second crew of 10 men sent in August 27th.

"This fire occurred on one of the most hazardous days during the season. It started at approximately four o'clock, August 25th, and by nine o'clock was about 15 acres in size. From the time the first small crew and pump reached this fire by plane, it had

been held in check and at the time of writing has burned about 18 acres. We have a fire line entirely encircling the fire and four lines of hose. We have been pumping water on the fire continuously for 56 hours and our Chief Ranger now reports the fire definitely under control. The crew of 27 men will be kept on at this fire until all danger is past.

"We are advised by the Chief Ranger in charge of the fire, that approximately 18 acres have been burned. Fifteen acres of this amount carried a second growth stand of merchantable white and Norway pine."

Another example of the value of good communication and quick action is given in the following summary of Fire No. 57, Trent District:—

"At 9:00 a.m. July 21st, Observer James Wood, of Methuen Tower discovered a fire on Lot 8, Concession 5, Methuen Township, five miles distance from the tower. He immediately advised Deputy Watson at his headquarters in Apsley by telephone. Deputy Watson immediately called Ranger John Wood and instructed him to go to the fire, advising him that he would follow with reinforcements at once. Ranger Wood left his headquarters at Lot 16, Concession 6, Methuen Township at 9:15 a.m. Travelling a distance of three miles by canoe and on foot he arrived at the fire at 10 a.m. He found three small fires burning. Ranger Wood was able to keep two fires in check. Deputy Watson left Apsley with his truck and equipment, went to Oak Lake and got three extra fire fighters and arrived at the fire at 12:15, traveling a distance of 28 miles, three of which were on foot. At 12:45 all three fires were under control—one fire burned two acres and the other two about one-quarter acre each."

The above are not isolated cases, but only samples of reports coming in from all parts of the forest region and explain the fact that 65 to 70 per cent of our fires do not burn over five acres and about 93 per cent are held under 100 acres in size.

The Ontario Forestry Branch has an organization covering a territory of over 125,000,000 acres with the most remote district office one thousand miles from Toronto head office. Within this area practically every problem known to forest fire protection is presented. It may be news to some readers that we have over 25,000,000 acres in the east in which no air service is used, but which is dependent on lookout towers and telephone communication. The central region depends on air service with small areas provided with lookout towers while a large portion of northwestern Ontario is almost entirely dependent on air service for detection and suppression.

The forest region is divided into eleven districts or units of administration with district offices established under trained forest officers. It is well-known that forest fire organization is a local problem and the effort is made in Ontario to decentralize, giving district offices power and authority to get quick action so necessary in meeting emergencies.

There must also be a permanent staff of key men who are specially trained and equipped to meet the demands when a peak fire season develops. In fact, this is about the most difficult feature of this work; the maintenance of a trained staff year after year which can cope with the extreme fire season, which is bound to hit us from time to time. During the worst of the period this summer in northwestern Ontario, pumpmen, deputies and even chief rangers were sent west from more favoured districts to assist the over-burdened western staff.

The outstanding feature in the last 10 years of forest fire control is the place acquired by the portable gasoline fire pump. I see that there are serious debates as to who first thought of the portable pump. I know a chap who knows the whole story of its origin, but better still, I know what a revolution it has made in the possibilities of fighting and controlling forest fires. The Ontario Forestry Branch has at present 360 units with 725,000 feet of hose which means an investment in his one unit of equipment of nearly \$300,000.

While the lookout tower is an old and trusted friend in forest protection, it may interest the reader to know that Ontario has at present 236 towers with communications of over 2,500 miles of telephone. Another interesting phase of communication now being used is wireless. Realizing the difficulties of administering the outlying, inaccessible regions of our north, the Ontario Forestry Branch during the past three years has developed a system of wireless communication which now makes it possible to keep in touch with many strategic points. Eighteen stations have been established with others projected which make it possible to keep in daily touch with forest protection as well as other developments in these outlying regions.

In closing, I wish to say that in addition to the improvements in organization, equipment and appliances for carrying on forest fire protection, there has been a splendid public support which is so necessary to solving this problem. We find wherever infractants of the forest fire act take place, local magistrates are alive to the necessity of giving the Forestry Branch every assistance and support.

Industrial concerns connected with the forest industries in the north have given splendid assistance this last season and first-class co-operation is had with most woods organizations. Fires of railway origin have almost ceased to worry us and railway organizations are fully alive to the need of fire prevention and suppression. During this past difficult season in western

**DOME SCHOOL HONOUR ROLL FOR THE MONTH OF OCTOBER**

Standing of the Pupils in the Several Classes at the Dome School for the Month of October, 1929

The following is the honour roll for the Dome school for October:—

Senior Fourth—Marcella J. Lynch, teacher—Bazel Doran, Sidney Thomas, Jenny Doran, Billie Cartonick, Margaret Suttie, Harry McLean, Joe Woods, Irvin Richardson.

Junior Fourth—Orry Costain, Dick Stone and Joe Baker, equal; Joe Mitchell, Catherine MacPhail, Annie MacPhail, Erica Larkin, Roddie MacPhail. Senior Third—M. E. Watson, teacher—Ruth Doran (hon.), Frank Parsons, Hattie Baker, Beatrice Spiers, Eva Baker, Neil Pirie, Elsie Armstrong, Billie Millions, Mervin Stevens, Stanley Millions, Tom Webb, Edmund Richardson, Billie Miner.

Jr. III—Arthur Moyle, Marjorie Costain, Annie Cartonick, Steve Ustranik, Mary Shumliak, Joyce Hughes, Donald Pecore, Betty Jordan, Frank Miner. Senior Second—A. M. Pace teacher—Buddy Robertson, Louis Actis, Jack

Ontario, great assistance was rendered by the full co-operation of railway officials of every grade.

Burke, Basil Libby, Lloyd Doran, John Shumliak.

Jr.—Harry Bonasuk, Betty Mitchell, Walter Baker, Mabel Tanny, Patsy Uren, Kenneth Harvey, Reggie Libby, Jimmy Murphy, Jack Pecore, Bobbie Rickard, Robert Chevier, Mary Curtis. Sr. I—Marjorie Spiers, Tony Procopio, Reggie Butler, Sloco Ustianyk, Elsie Parsons, Elizabeth Bonasuk, Ralph Muhell, June Philbin, Billie Richardson, Laura Millions, Kathleen Pecore, Kenneth Thomas, Marion, Jordan, Iris Webb, Stewart McGinn, Doris Woods.

Jr. I—Jean Stringer, Mary Donyluk, Agnes Robertson, Billie Honer, Violet Hedges.

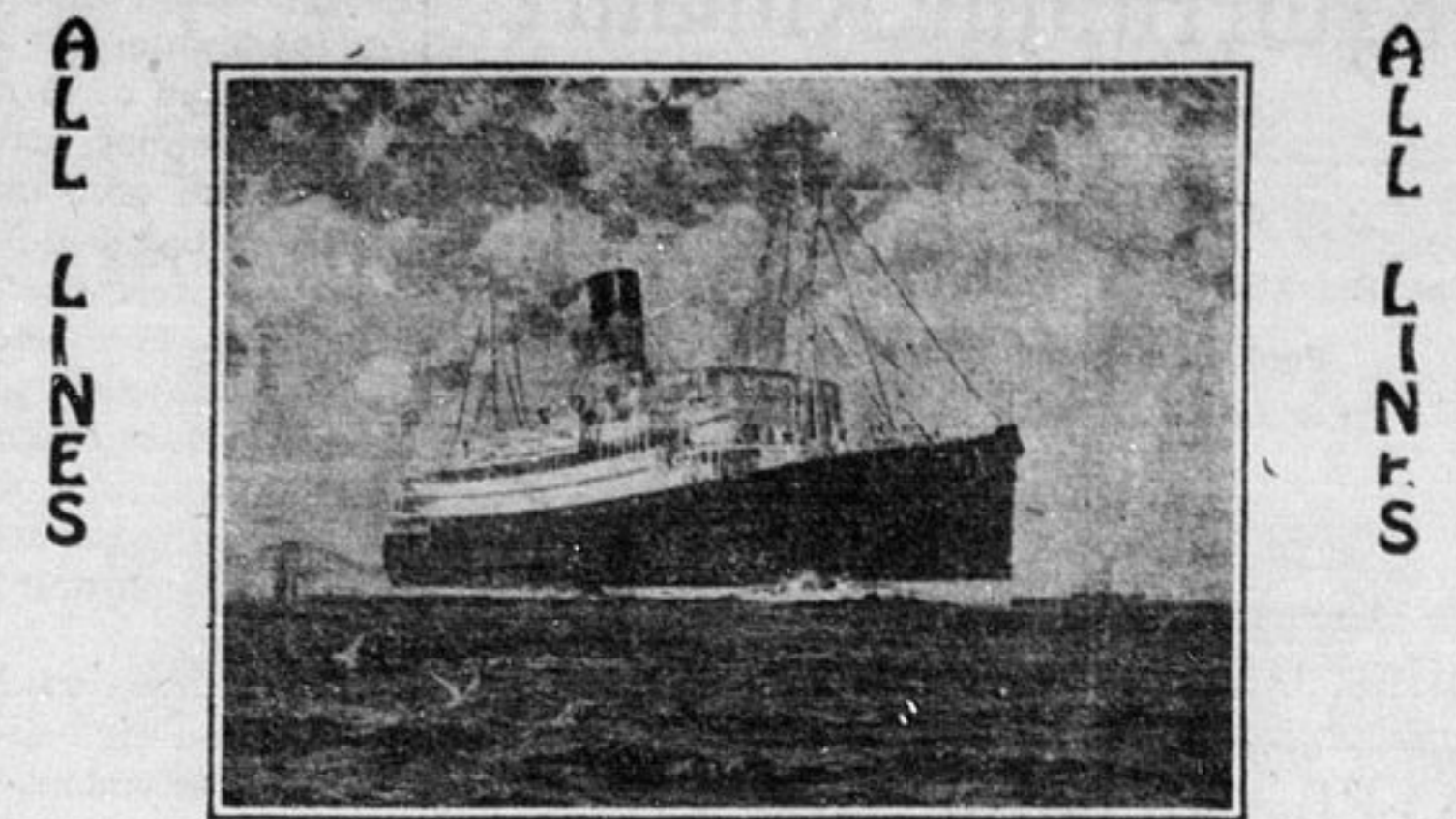
Primary Room—V. Morris, teacher—Sr. Primer—Jimmie Procopio, Donald Lightbody, Alice Robertson, Bobby Millions, Ronald Moyle, Celia Donyluk, Billie Murphy, Fernley Uren.

Jr. Primer—Edna Tripp, Irene Banisuk, Robert Richmond, Dorothy Andrews, Mildred Rickward, Hubert Butler, Carson Chevier.

Drumheller, Alberta, Mail:—"I advertised that the poor would be welcomed in this church," said the minister, "and after inspecting the collection, I see that they have come."

Toronto Mail and Empire:—"On the matter of this St. Lawrence route: It occurs that our overhead is about all we can carry and our outlets are quite sufficient for many years to come."

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<b>MILD SMOKED PICNIC HAMS</b> 4 TO 7 LBS. EACH <b>lb. 20c</b>	<b>NEW HALLOWI DATES</b> - - - <b>2 lbs. 25c</b>
<b>FINEST SHELLED WALNUTS</b> Pieces <b>lb. 49c</b>	<b>FINEST RECLEANED CURRANTS</b> - - - <b>lb. 18c</b>
<b>LARGE VALENCIA SHELLED ALMONDS</b> - <b>lb. 59c</b>	<b>CHOICE AUSTRALIAN SULTANA RAISINS</b> - <b>lb. 15c</b>
<b>NEW, LARGE, WASHED BRAZIL NUTS</b> - - - <b>lb. 25c</b>	<b>THOMPSON'S SEEDLESS RAISINS</b> - - - <b>2 lbs. 27c</b>
<b>HAWAIIAN SLICED PINEAPPLE</b> No. 2 Size <b>Tin 29c</b>	<b>FRENCH GLACE CHERRIES</b> - - - <b>1/2 lb. 22c</b>
<b>CALIFORNIA PEACHES</b> - - - <b>Tall Tin 19c</b>	

<b>BUTTER</b>	<b>BACON</b>
OUR FAMOUS CREAMERY	DELICIOUS FOR BREAKFAST—REG 3c LB.
<b>Braeside Brand lb. 42c</b>	<b>Mayfield Brand MACHINE SLICED lb. 35c</b>
"THE FINEST BUTTER IN CANADA"	
ALSO	SMOKED
<b>Mayfield Brand - - - - - lb. 42c</b>	<b>Side Bacon BY THE PIECE lb. 29c</b>

<b>Baker's COCOA</b>	<b>PURE LARD</b> - - - <b>5-lb. Pail 57c</b>	<b>The Delicious Chocolate and Malt Drink</b>
<b>1/2-lb. Tin 22c</b>	<b>NEW BULK MINCEMEAT</b> - - - <b>2 lbs. 29c</b>	<b>TODDY</b>
	<b>A HIGH-GRADE BLEND "Richmello" COFFEE</b> 1/2-lb. Tin <b>35c</b>	<b>1/2-lb. Tin lb. Tin 25c 45c</b>
	<b>SHIRRAFF'S ORANGE MARMALADE</b> - - - <b>1-lb. Jar 21c</b>	
<b>Good Quality PEAS</b>	<b>LEMON AND VANILLA TRUE EXTRACTS</b> 1 1/2-oz. Bot. <b>25c</b>	<b>LIFEBUOY SOAP</b>
<b>REG. 2 TINS 25c</b>	<b>A DELICIOUS ASSORTMENT OF CHOCOLATES</b> 1-lb. Box <b>39c</b>	<b>The Health 3 Bars 19c</b>
<b>Tin 10c</b>	<b>Sweetheart Chests</b> 2 1/2-lb. Box <b>89c</b>	
	<b>HORNE'S GRAPE PUNCH</b> - - - <b>Bottle 25c</b>	
	<b>FANCY QUALITY DOMINO PEAS</b> Size 3 - <b>22c</b>	
<b>FINE DRY COOKING ONIONS</b> <b>8 lbs. 25c</b>		

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