

COMING

Dr. F. E. Luke, Optometrist
at H. E. WRAY'S Drug Store
Richmond Hill,

Saturday, July 31st,
1 p.m. to 8 p.m.

F. E. Luke

OPTOMETRIST AND OPTICIAN
(Upstairs Opposite Simpson's)
163-167 Yonge Street, Toronto 2
Elgin 4820

John Dunlop & Son
FLORISTS
Richmond Hill - Ont.

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While Hazards of Motoring on
Suburban Yonge are In-
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Not "Shall I Insure" -

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In What Company?

What about its stability?
Is it FAIR and PROMPT in
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How liberal is its policy and
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1. Public Liability. This form protects you against such liability as attaches to you when your automobile injures a human being. We assume the investigation and settlement, and pay their cost. In case of lawsuit, we defend the action, defray all costs and pay the verdict (if there is one) up to the limits of the policy.
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5. Collision. Provides repairs or replacement to your car in case of collision.

To Delay is Dangerous;
Insure To-day
Special rates to residents of
York County, including
Toronto
FOR INFORMATION APPLY
J. R. HERRINGTON
RICHMOND HILL

CONTAGIOUS ABORTION

WHEN AND WHERE THE GERMS
LOCATE.

Three Very Important Points That
Should Be Given Full Considera-
tion to Help Keep Herd Clean.

(Contributed by Ontario Department of
Agriculture, Toronto.)

The infectious agent responsible for this diseased condition is generally attributed to the two small and well-known organisms, bacillus abortus and bacillus vibrio fetus. Both may be present in the same animal and others may also invade the animal tissues after these two have created conditions favorable to them. The abortion germs thrive best on fetal tissues and milk, and like all other living things they hunt out the tissues where conditions suit their development best or not finding such perish. After gaining entrance to the animal body the bacillus circulates in the blood stream and finally establishes in the udder and pregnant uterus, where conditions for growth are favorable to it. How long it may live in these localities is not known, but cases have been observed where cows were eliminating the germs in the milk two years after having aborted. The germ can live outside the animal body, but for growth it depends entirely on animal tissues.

It is generally believed that the non-pregnant uterus seldom if ever becomes infected, and it is well known that uterus from which abortion has occurred, is generally capable of cleansing itself of all abortion bacilli, within two or three months after abortion has taken place. From this we can assume that the intra-uterine abortion infection, is dependent upon pregnancy. The fetal tissues must be present to sustain the germ, and infection does not take place in the non gravid uterus.

The udder has been found to harbor the germs of abortion, and each drop of milk from such infected udder may contain many germs. The condition offered by the mammary gland is apparently ideal for the growth of bacillus abortus, as this germ is frequently found in market milk. It causes no apparent damage to the mammary gland and in so far as is known does not render milk unsafe for human use.

Experiments with new-born calves from infected cows show that they generally harbor in their stomachs and intestines, large numbers of abortion germs. Fortunately the body of the calf offers no tissue suitable to the maintenance and growth of the bacillus, and it is soon thrown off.

Heifers Readily Infected.

Investigations in dairy sections show that more than 80 per cent. of the abortion cases had occurred before the heifer had reached second calving. The physiological changes brought about by pregnancy create a suitable medium in the placenta and the fetal calf is gradually deprived of nourishment as a result of injury to the placenta or fetal membranes, which appear bloodless and show evidence of decomposition at the point of attachment. Expulsion must then take place, and it usually does so at once.

Retesting Method of Control.

The testing of the blood of every animal, for the evidence of abortion infection, at intervals of six months and promptly removing all reactors, is a satisfactory method if started in time, that is, when the first abortion occurs. Should there be a number of aborters, a herd division is advisable, providing there are two sets of buildings available. The testing of all purchased cattle before admitting them to the herd, the safeguarding of the feed and water against possible contamination and the enforcement of sanitary measures are three very important points that should be given full consideration in the attempt to keep the herd clean.—L. Stevenson, Director of Extension, O. A. College.

SHERWOOD

(Special to The Liberal)

Miss L. Cooper is recovering rapidly from a very serious illness

Miss Ellis of Toronto is visiting at her cousins, Mrs. Ball.

The regular meeting of the Ladies Aid Society of the Lutheran Church was held at the home of Mrs. J. Mont-

gomery. A bounteous repast was served on the lawn to about sixty and a very enjoyable time was spent.

Rev. and Mrs. Baringer spent two days visiting among their many friends in their former parish.

Miss Miam Baringer spent a few days visiting with her friend Miss Grace Montgomery.

Miss Ellis of Niagara Falls is being entertained by her cousin Miss I. Downey.

Miss I. Montgomery entertained the Young People of Headford at her home last Thursday evening.

Photograph Contest

All intending to enter the Liberal photograph contest are advised to send in their pictures as soon as possible, as in the case of two similar photographs being submitted the first received will get the preference.

50,000 HARVESTERS WANTED

\$15.00 TO WINNIPEG

Plus half a cent per mile beyond to all points in Manitoba, Saskatchewan, Alberta, —Edmonton, Tannis, Calgary, MacLeod and East.
Returning—Half a cent per mile to Winnipeg, plus \$20.00 to destination.

Through special trains for Winnipeg via Canadian National Rys. will leave as follows; (Standard Time):

FROM TORONTO (Union Station) 12.01 A.M. Aug. 18 (midnight Aug. 17); 12.30 P.M. Aug. 18; 10.45 P.M. Aug. 18; 12.30 P.M. Aug. 20; 10.45 P.M. Aug. 20; 12.30 P.M. Aug. 31; 9.00 P.M. Aug. 31; 12.30 P.M. Sept. 3; 9.00 P.M. Sept. 3.

FROM OTTAWA 12.01 A.M. Aug. 18 (midnight Aug. 17); 12.01 noon Aug. 18; 1.35 A.M. Aug. 31; 12.01 noon Aug. 31.

FROM WINDSOR 12.01 A.M. Aug. 20 (midnight Aug. 19), via Chatham, London, Hamilton and Inglewood.

FROM PALMERSTON 9.00 A.M. Aug. 20, via Guelph, Georgetown and Inglewood.

Special through cars from other principal points connecting with above special trains. For details consult local Canadian National Agents.

THROUGH TRAINS—COMFORTABLE COLONIST CARS—SPECIAL CARS FOR WOMEN AND CHILDREN

Purchase your ticket to Winnipeg via Canadian National Railways, whether or not your final destination in the West is a point on the Canadian National. Tickets and all information from nearest Agent.

Travel CANADIAN NATIONAL

The Liberal YORK COUNTY PHOTOGRAPH CONTEST

"Let us preserve while we may, in photographs, the growth, development and history of the County."

FIRST PRIZE---FIVE DOLLARS IN CASH
SECOND PRIZE---THREE DOLLARS IN CASH
THIRD PRIZE---TWO DOLLARS IN CASH
Also three additional prizes of ONE DOLLAR EACH.

PURPOSE OF CONTEST

The help of our readers is sought by the Liberal in conjunction with Mr. E. A. James in assembling a collection of photographs of points of historic interest in the county of York.

WHAT WE WANT

What we want are good pictures of historic sites in the County of York Sites such as Col. Moodie's grave, the Eckhardts homestead and Sharon's Temple, St. John's Church, Heise Hill Cemetery, etc.

In every community there are houses, schools, churches, mills, halls and scenes that recall the history of York.

CONTEST CLOSES SEPT. 1st, 1926

If you have a good distinct photo, or a collection of such photos, preferably 4 inches by 5 inches or larger, either snapshots or time exposures, in black-and-white, ferrotype or gloss finish, mounted or unmounted—send them in. Mark clearly on the back of each photo submitted your name and address and description of the place pictured. Pictures not bearing this information will be disqualified

CONDITIONS

- 1—Photos any size may be entered, but the best size is 4 inches by 5 inches, or larger. Smaller pictures are difficult to reproduce in print.
- 2—Name and address of contestant and exact description of the scene illustrated must be clearly written on the back of each photo submitted.
- 3—All entries should be carefully wrapped to avoid damage in the mails.
- 4—It is not necessary to mount photos. Any finishes may be submitted, although black and white, ferrotype or gloss finishes are best for reproduction purposes.
- 5—Photographs of photographs are just as acceptable as original photographs.
- 6—All photographs submitted become the property of The Liberal Printing Company, Limited, whether awarded prizes or not, and may be used by them in any way desired without further recompense.

Remember that if it has an historic interest a photograph of a photograph will qualify just as readily as an original photograph provided it applies to the County of York.

JUDGES

The judges in the photograph contest will be;— Mr. A.J. Galbraith Photographer, Newtonbrook Father Kelly, Richmond Hill Mr. L. L. Nichols, Principal Public School Victoria Square.

The Judges decisions will be final.

