

Coming Events

—Miss Helen Blackburn, ATCM, will resume her classes in piano on Monday, September 10th.

—Friday, Sept. 14th, big fair dance in the Arena, CKNX. Ranch Boys. Don't miss it!

—Make sure you have tickets on the Hereford Calf to be drawn for at Georgetown Fair next week.

—Ladies! Get a prize list and see the wonderful specials offered in Domestic Science and Ladies' Work at Georgetown Fair on September 14-15.

—The Royal Circle of Knox Presbyterian Church is holding a salad plate supper in the Sunday School room on Saturday, September 8th from 4.30 to 7. Home made baking will also be on sale.

—Norval Junior Farmers and Junior Institute invite you to attend a wolver roast to be held on Tuesday night, September 11th at the home of Marion, Isabel and John Currie. Everybody welcome.

—Several specials have been added to the Glen Fair prize list. These include No. 3, chocolate cake, Cadbury's cocoa, No. 2, and 1 lb. cans to the winners; No. 2 light cake, Swiftin's gift box; No. 10, home made bread, 2 cans Neilson's cocoa for 1st, one can each for 2nd and 3rd; No. 15, Jam, Canada Packer's gift box; No. 40, best collection lad-

ies' work, \$2.00 cash; Bird house, Simmons Jewellers silver cup; Baby show, T. Eaton Co. silver cups; Junior with most points, pen and pencil set; special prize for exhibitor with most points; Doll carriage, 1st prize by Ready's; person coming the farthest distance, subscription to the Georgetown Herald.

FARMERS CLUB SEES MOVIES OF EUROPE

Fall activities for the Terra Cotta Farmers club got underway with a meeting at the home of Mr. and Mrs. Fraser Macdonald.

Mrs. Wilbert Cleave read a paper at the ladies meeting, while Mrs. Everett Biggs, whose husband was agricultural representative in Peel County, entertained the joint meeting with movies in colour. The pictures had been taken in Europe when Mr. Biggs was studying agriculture there and showed scenes in France, Holland, Denmark and along the Mediterranean. Donald Garbutt, entertained with mouth organ and guitar selections. Mrs. R. S. Leslie moved a vote of thanks and a social hour followed the meeting.

The stronger sex is usually the weaker sex because of the strength the weaker sex has over the stronger sex; or is it because of the weakness of the stronger sex for the weaker sex?

Art of Dyeing Traced Back To as Early as 7000 B. C.

Art of transferring color has been a very long history. Aboriginal men might have crushed a berry and noticed that the deep stain on his fingers lasted several days. Or he might have had a similar experience with a piece of water-soaked bark, a crushed flower or a mineral stream rich in iron.

At any rate, we do know that as early as 7000 B. C., man knew a good deal about transferring color to the walls of his cave. Ancient Egypt's sarcophagi of the year 7000 B. C. show exquisite colors, and a garment dyed with indigo, dating from 3500 B. C., has been found in Thebes. Thenceforth each of the dominant civilizations of antiquity developed further the use of fabric dyes derived from vegetable and mineral sources.

It wasn't until 1856 that dyeing began to be released from its dependency upon vegetable and mineral sources. In that year an English student, named William Henry Perkin, discovered that aniline derived from coal tar could be chemically treated to produce beautiful and lasting colors.

Today's dyes are the fruit of scientific progress. Born of modern chemistry, they are easier to make and use, last longer, are less costly and offer a much greater variety of colors than their historical predecessors.

Lightning Photographed In Interests of Science

With the hope of making new roads in the battle against man's most elusive natural foe, scientists of General Electric company conducted their eighth summer of lightning research high atop New York's Empire State building this past season. Complete photographic records and electrical measurements were obtained on all lightning strokes striking the National Broadcasting company's antenna atop the building.

By scientific analysis of such records, new information has been gained, which will contribute further to control of the effects of lightning. Such information also is useful for application in the laboratory, where artificially-produced lightning is used to test electrical apparatus.

Photographs of each stroke were taken from two different locations at right angles to the building. This permitted obtaining a three-dimensional view of the stroke and determining its exact length. Photographs of the lightning strokes are being used to study physical characteristics of the strokes and to measure intensity of light in the stroke.

The Empire State building was chosen for research, because it had been struck by lightning many times each summer, often as many as 12 times during one storm and as many as 48 times during an entire summer.

New Synthetic Rubber

Science has won the "cold war" against the synthetic rubber molecule. A new synthetic rubber which gives up to 30 per cent more miles of tread wear than the best natural rubber treads is produced at temperatures of a chilly March morning rather than at the usual temperature of a hot tin roof in summer. New speedup chemicals have been developed which make the cold process take place in 12 hours instead of in as many days, according to Dr. S. M. Cadwell, director of research and development of the United States Rubber company. This development is the most recent milestone in a research program in which rubber, chemical and petroleum companies have collaborated under the direction of RFC. The new rubber is so good, Dr. Cadwell stated, "that its performance in tire tread promises to be superior to anything we have ever known before."

Peroxide in New Role

Peroxide, the weak hair rinse, has been transformed into a tremendously concentrated power source, and into an important new industrial chemical. Many aspects of concentrated peroxide are still under the wraps of military secrecy. Enough has been released, however, to indicate the high potential of this material. The Germans did much of the development work on concentrated peroxide. Though an innocent looking liquid, peroxide powered Nazi supersubs, and the German rocket plane, the Comet, was powered with peroxide, which enabled it to climb more than five and one-half miles in two minutes. In addition to the tremendous speed there were other advantages. No ignition system was needed.

More Millions for Wildlife

The sum of \$10,780,820 will be available to the 48 states during the fiscal year of 1949 for the restoration and development of their wildlife resources. This announcement by Secretary of the Interior J. A. Krug is good news for American sportsmen, as it exceeds by \$2,516,848 any previous allocation made under the Pittman-Robertson act. The funds, which come from the 11 per cent excise tax paid by the manufacturers of sporting arms and ammunition, are apportioned to the states on the basis of land area and the number of paid hunting license holders in each state.

Standardize Fire Equipment is New Provincial Plan

A \$900,000 program of standardization of Ontario firefighting equipment is announced by Col. Arthur Welsh, Provincial Secretary and Ontario Co-Ordinator of Civil Defence.

The program will provide for standardization of all hydrant outlet ports, hose couplings, nozzle connections and auxiliary connecting equipment.

"The Ontario Government will pay \$600,000 of the cost and the Federal Government will contribute \$300,000", Col. Welsh said on his return from Ottawa after a conference with Federal authorities.

"Standardization will mean that all available fire fighting equipment of neighboring municipalities can be used in fighting large fires. At present, this can not be done except with the use of adapters. As well as meeting this traditional problem in fire fighting, the standardization program will strengthen our provincial civil defence organization. In times of fire disaster, including those that may be caused by enemy air attack, all the fire fighting equipment of the province may be called upon and it must be able to be connected to any hydrant or to any other equipment on the scene. This will be of particular advantage to border municipalities which will be able to interchange with neighboring United States centres."

All hose equipment will be standardized at 2 1/2 inches in diameter, and couplings at 3/4 inches diameter with five threads to the inch. All auxiliary connecting equipment will also be standardized. The program will include standardization of industrial fire fighting equipment so that municipal fire department equipment may connect to them.

Of the major cities, the Toronto metropolitan area is the only one not requiring conversion Windsor, Hamilton, London and Ottawa will have to be standardized.

The cost of the program will include equipment and labour. Where municipalities' fire departments are not able to make their own conversion, teams of experts will be sent out to make the change.

"It is expected that the standardization program will be completed by 1952," Col. Welsh said.

WAS WIDELY KNOWN LACROSSE PLAYER

A well-known Peel County sportsman, James Arthur Madgett died in Peel Memorial Hospital last week. He was 52 years of age and had been in poor health for several years.

He was a member of the 1924 Excelsior Intermediate lacrosse team which won the OALA championship, and played many seasons of hockey for Derry West. He coached several Nortonville teams to county lacrosse honours, coached Brampton seniors for one season and was past president of the club.

MACKENZIE NEWS

Congratulations to the Lorne Scots Band on winning at the Exhibition by a "March". If your chimney needs repairing or re-building we have brick at 6 1/2c each, flue liners at 50c per foot for 8 1/2 by 8 1/2, or 75 cents per foot for 8 1/2 x 13. Mortar mix, a prepared mortar that is ready to mix with three parts of sand is \$1.45 per bag.

You'll probably be resting this week after a big day at the "Ex."

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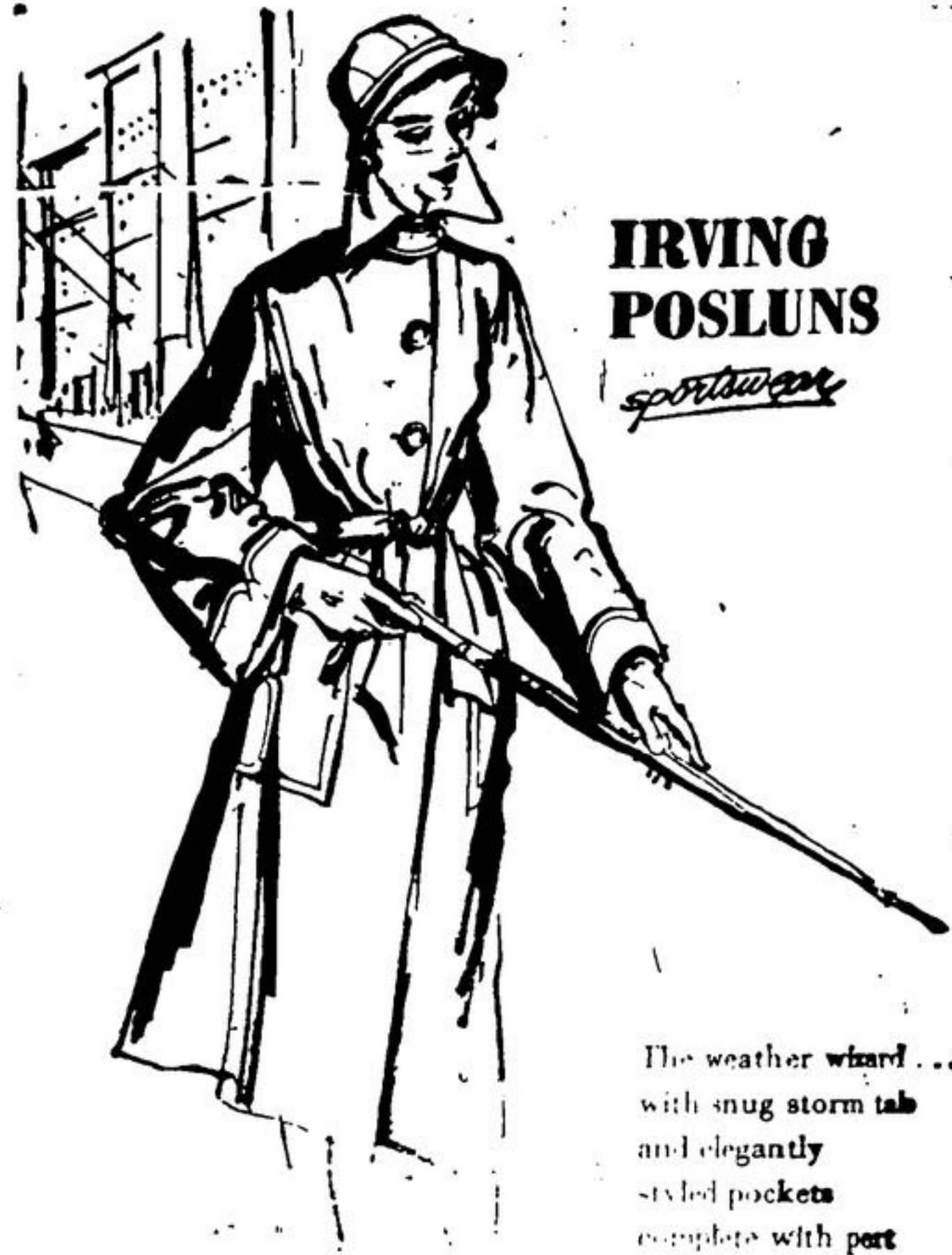
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Here is exceptional value. Fine quality suede. All wool knitted cuffs, collars and waist-bands \$19.95
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Sept. 18 - 19

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