



TRUE STORIES
OF CHEMISTRY IN EVERYDAY LIFE
By Dr. I. R. McHaffie.

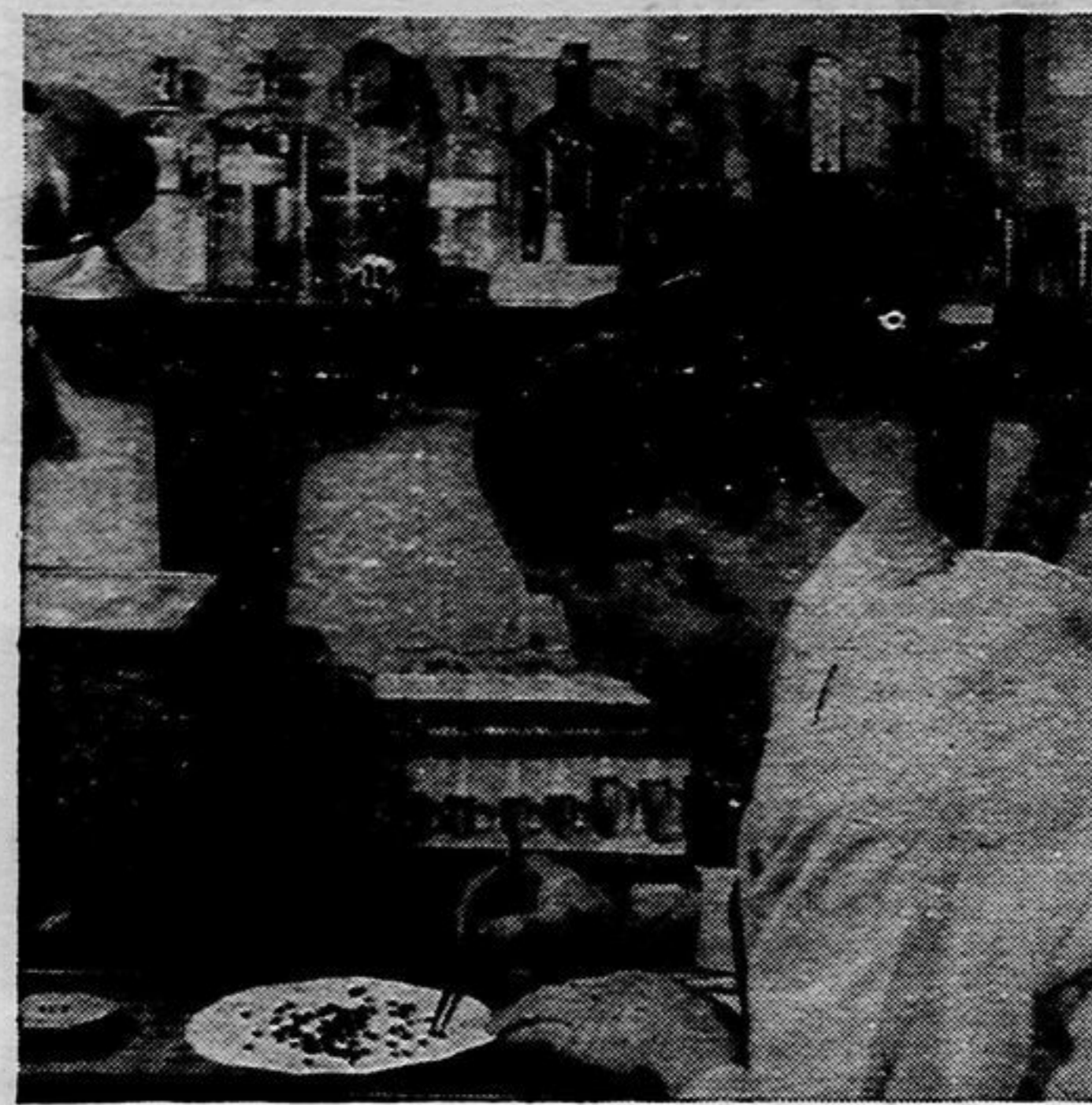


Photo Canadian Industries Limited

Chemical Warfare in the Home

THOUSANDS of gallons of insecticides are used each year during the warm weather months by Canadian housewives for killing flies, summer bane of the home. In view of the importance of this phase of housekeeping to health and comfort, chemical research has recently perfected a new synthetic base for flysprays, which is non-toxic to human beings and non-staining to fabrics and wallpaper.

The lethal constituent in most fly insecticides is pyrethrum, an extract from a flower akin to the daisy, which grows in the Far East, in Central Europe and in South Africa. Tradition has it that man's introduction to the effectiveness of this killer-flower came when a Dalmatian peasant noticed a number of dead flies lying about a variety of daisy growing in his garden. Because pyrethrum is harmless to humans and at the same time contains one of the most potent insect-killing compounds known to science, there has been a continual search for synthetic materials which would ensure a continuous supply and yet combine its effectiveness with safety.

After years of painstaking research, chemists have found the answer in a combination of substances derived from an alcohol and vegetable oils. Used in flyspray

liquids in combination with pyrethrum, it increases the killing power of the spray and substantially reduces the amount of pyrethrum needed.

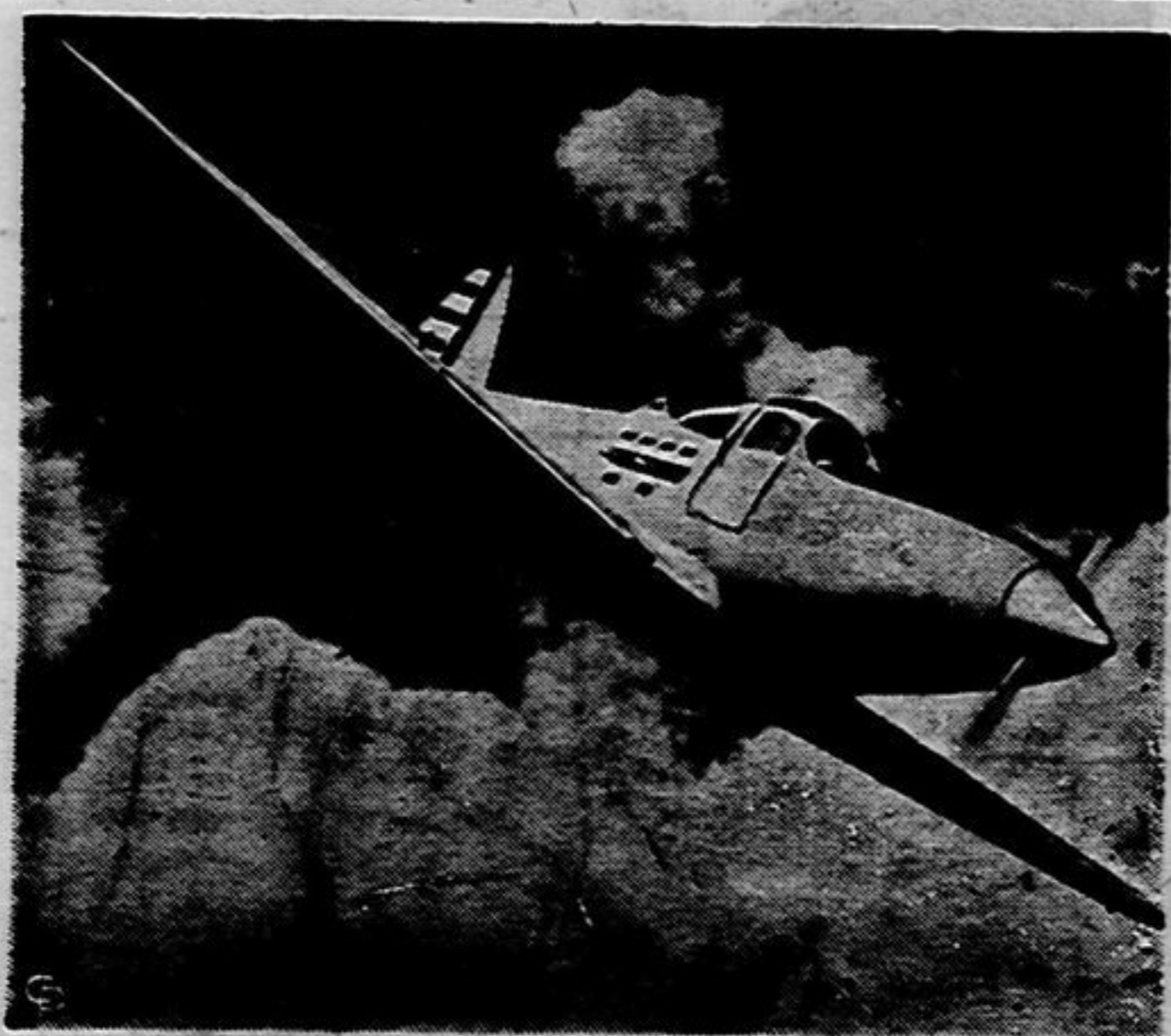
Both chemists and health authorities strongly recommend the lethal chamber method of killing flies and mosquitoes as carried out in the laboratory—in place of the old-fashioned method of swatting to rid the domestic quarters of these summer pests. The danger of swatting, they claim, lies in the fact that germs remain on the mangled body of the fly. The most efficient method of dealing with domestic insects is to close all windows and doors, fill the room with an evenly distributed mist from the spraygun and after about ten minutes the housewife will be able to sweep up the dead; cremation, or burial in a shroud of newspaper in the garbage can, should follow.

Replacing the assassin-flower of Central Europe may be counted as another contribution in the chain of self-sufficiency being made possible by chemical research. Armed with a good spraygun filled with any recognized brand of insect spray, the housewife can carry on a chemical warfare which is safe, effective and easy to use against the army of domestic enemies which invade her home in summer.

THE PEOPLES MILLS
Mt. Forest, Ont.
Eastern Quebec & B. C. 5X Shingles
NAILS AND RIDGE ROLL
STELCO WIRE FENCE, BARB W RE, POULTRY FENCE
Wholesale Distributors for ROBIN HOOD FLOUR
and PLYMOUTH BINDER TWINE
The Famous NEW LIFE and MASTER FEEDS
W. M. GROAT & SON

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SWIFT PLANE AVAILABLE TO ALLIES



A view of the "Albacore", new fighting plane which is going into production for use by the U.S. army. It will be made available for export to Britain and France. It is considered one of the deadliest weapons of the air ever developed.

Promotion Exams.

S. S. No. 12, EGREMONT
Grade 7 to 8: Inez Morrison, 73; Anna Lawrence, 72; Clara Young, 65.
Grade 6 to 7: George Morton, 70; George Eccles, 63.
Grade 5 to 6: John Ferguson, 64; Fred Lee, 60; Gordon Brown, 58 (R).
Grade 4: Jessie Ferguson, 71; Marie Woods, 71; Gertie Morton, 70; Violet Matthews, 69; Keith Lawrence, 69; Doreen Brown, 62; Clifford Lee, 59.
Grade 3: Edith Ferguson, 61; George Matthews, 61.
Grade 2 to 3A: David Lawrence, Violet Lee, Velma Hargrave (R).
Grade 1 to 2: Edith Matthews, Billie Woods, Muriel Brown, Nora Ferguson (R).
Grade 1: Ella Ferguson, Marian Young, Roy Morrison, Thelma Hargrave, Roy Grassy, Billie Ferguson, Jeffery Lee.
Irwin Matthews, Teacher.

S. S. NO. 14, EGREMONT
Gr. VII to Gr. VIII: John Hopkins (H), Isabel Weir, Teddy McCannell.
Gr. VI to Gr. VII: Sheila Weir.
Gr. V to Gr. VI: Eva Hill (H), Stanley Moore, Alberta Williams, Marie Weir, Verna Kinsman.
Gr. II to Gr. III: Barbara Hill (H), Ross Milne (H), Evelyn McCannell (H), Eleanor Williams, Edna Hopkins, Russell Wilson.
Gr. I: Lois McCannell, Teddy McCannell.
Margaret Leith, Teacher.

Gifts for the Bride

Miss Heather R. Boyd of Toronto, daughter of Mr and Mrs Allan Boyd of Glenelg, whose marriage to George Cowley took place on Friday in Burns Church, Rocky Saugeen, was the recipient of many beautiful gifts from Toronto friends. Mrs. H. Stelling and Miss Esther Cowley entertained in her honor when she was showered with kitchen utensils.

The office staff of Steadman Bros. tendered a miscellaneous shower, and Mrs. A. Stear and Mrs. F. Abbott sponsored a pantry shower in her honor. She also received substantial cheques from the firm and office of Steadman Bros. where she was employed.

Mr Abbott gave a stag party in honor of Mr Cowley and he was the recipient of a shower of tools.

THE WEED OF THE WEEK
OX-EYE DAISY

Ox-eye Daisy, a hardy perennial weed, prevalent throughout Ontario is now in bloom. It has a short thick rootstock and grows from 6 inches to 3 feet high. Several stems may be found growing from one root, says John D. MacLeod, Crops, Seeds and Weeds Branch, Ont. Dept. of Agriculture, Toronto.

The leaves, slightly clasp the stem, the lower ones being long, narrow and toothed along the edges, the upper ones are small and without teeth.

Flowers are one to two inches broad on long stalks with from 20 to 30 white rays and a bright yellow disc.

The seed is gray and white or black and white with 12 conspicuous ribs running the length of each seed. Flowers appear from June to August and seeds mature during July to September. A single plant may produce 5000 to 8000 seeds. It propagates by seed and new shoots from the crown.

Ox-eye Daisy is most troublesome in pastures, meadows and roadsides. The seed is a common impurity in grass seeds and is difficult to remove because of its size and weight.

Sow graded timothy seed which is free from this weed seed, mow pastures and hay fields before bloom appears, plow shallow immediately after, cultivate thoroughly and sow buckwheat, rape fall wheat or rye or continue cultivation until late fall.

Ox-eye Daisy will not long survive where thorough cultivation and a short rotation of crops is practised. Do not leave infested fields under hay or pasture for too long a period. Do not attempt to keep timothy fields for seed which are infested with this weed. Rogue the seed crop and make sure that all short plants are removed.

The use of chemicals has proven an effective and economical method of eradicating this weed from roadsides and areas where cultivation is impossible. Write the Crops, Seeds and Weeds Branch for circular No. 58, "Weed Eradication by Chemicals," Mr MacLeod advises.

Prevent Ox-eye Daisy from maturing by spading, pulling, mowing, cultivation and spraying.

HOLSTEIN LEADER

LOCAL AND PERSONAL

On Thursday June 27th, the Guelph Presbyterian Sectional Rally met at Cedarville, with a large attendance. Mrs. Flett of Dundas was the speaker. Holstein United Church W. M. S. was well represented.

Robb re-union was held in Holstein Park on Monday, July 1st. Friends from Toronto, Tavistock, Cumnock, Mt. Forest and Durham were there. A good time was enjoyed by all.

Rev. R. Mercer preached his farewell sermon to a large congregation on Sunday, June 30th. He took his text from Phil. 4: 8.

Miss Ruby Kerr, of Toronto, Mr. Charlie Buller, wife and son of Oshawa, Mr. and Mrs. Thos. Hunt of Willowdale, Mr and Mrs Geo. Steller of Waterloo, Mr and Mrs W. Packern of Hamilton, spent the 1st of July with Mrs. F. Jordan.

Russell Buller has gone to Toronto where he has secured a position.

Mrs. Drumm left on Friday for Hamilton to spend the weekend with her daughter, Mrs. McLaughlin.

Mr and Mrs Louis Woodyard spent a few days last week in the village, the last visit before Louis goes overseas.

Mr and Mrs Habermehl spent Dominion Day with Mr. and Mrs Harvey Wildfang at Inverhuron.

Congratulations to David Aitken on standing second in the Live Stock judging contest in O. Sound recently. Mr and Mrs Albert James of Toronto, Mr and Mrs Nuttall and family of Tavistock, spent the weekend with Mr and Mrs John Wilson and attended the Robb re-union July 1st.

Mr and Mrs. Geo. Byrce of Bruce Mills spent Thursday with Mr. and Mrs. Geo. Aitken.

A number from Holstein attended the Mission Band rally in Mt. Forest on Saturday, June 29. There was a splendid crowd. The speaker, Mrs. McLean of Wingham, was very interesting. Her talk was on the Rev. John Geddie's life and missionary work.

Miss Isabel Hastie and her friend Mr. F. Thomas of London, spent the week end and holiday with the former's mother, Mrs. W. Hastie. Isabel is taking the War Emergency Course in Nutrition at McDonald Institute in Guelph, sponsored by the Canadian Red Cross.

A number from the village went to Camp Borden Sunday afternoon. It is quite a city of tents.

Mr and Mrs. Clarence Parker of Toronto spent the week end with Mr and Mrs C. Fenton.

Mr and Mrs. Hetherington have returned from their holidays with friends at Thedford, Norwich and Detroit. They had an enjoyable holiday.

Dr. Hurst and Arthur Brown of Toronto, and Miss Mabel Brown of Regina spent the holiday with their mother, Mrs. Alex. Brown. Miss Mabel is spending a part of her holidays here.

Mr and Mrs Beley of Hamilton visited in the village over the weekend and holiday.

Mr and Mrs D. Rainsberger and Mr and Mrs. Theron Rainsberger and son David of Dundee, Michigan spent Saturday and Sunday with Mrs. T. Rainsberger's mother, Mrs. J. Brown.

Mr Robert Slim is spending a couple weeks with his son Alex. at Lennoxville, Quebec.

Mr John Munn of Minto spent a week with his brother-in-law Mr R. Nicholson in the village.

Mr. and Mrs. E. Chalmers and children of Toronto spent the week end and holiday with Mrs R. Christie Alex. Milne of Toronto and Audrey Eakett of Fairbairn are spending holidays with Mr and Mrs Geo. Aitken.

Mr and Mrs. Morlock and family, Mr and Mrs. Bert Brebner, motored to Kincardine, Port Elgin, Southampton and Owen Sound on Dominion Day. While at Southampton they visited Mr. Brebner's brother John, who spends every summer at his cottage there. They all enjoyed the day's outing.

**Fond Farewell
Tendered Mercer Family**

Tuesday evening, July 2nd the Agricultural Hall was filled to capacity. The members of Varney, Orchard and Holstein United Churches, also citizens of the village and surrounding country met to say farewell to Rev. R. F. and Mrs. Mercer, Minerva and Bryce. After the programme, Mr. and Mrs. Mercer, Minerva and Bryce were called to the platform and the following address was read by Miss Thelma Stevenson. The presentation of a cabinet of silver was made to Rev. and Mrs. Mercer by Mr. C.

had a very enjoyable time. The annual reunion of the Eccles families was held at the home of Mr and Mrs Arthur Eccles on Monday. A very large crowd attended and enjoyed themselves at games and races. An interesting program was given by the ladies. The next reunion will be held at the home of Mr and Mrs L. McMillan east of Guelph.

Mr Cliff Rogers, Orangeville called on friends during the weekend and holiday. Mr and Mrs A. B. Henderson and Miss T. Fettes visited over the holiday with Mr and Mrs Murray Henderson at Alliston.

ORCHARD

Rev. Mr Mercer preached his farewell sermon on Sunday before leaving to take his pastorate at Appleby. On Tuesday evening his three congregations, Holstein, Varney, Orchard met at the hall in Holstein for a social evening with Mr and Mrs Mercer and family. Among the many items on the program was presentation to Mr and Mrs Mercer with a chest of silverware, Minerva an aeropack and Bryce a weekend bag. At the close a lovely lunch was served. They have been in our midst for eleven years and will be much missed by all. We wish them best wishes in their new field.

Mr and Mrs Victor Longo and Caroline of Kitchener visited Sunday with her mother Mrs Wm. Dickson. Little Caroline remained for a month's visit.

Our teacher has been re-engaged for another year at an increased salary. School finished with a picnic on Friday afternoon and although the rain held it back some, everyone spent a pleasant afternoon.

Miss Irton of Mt. Forest visited over the weekend and holiday with her friend, Miss Clara Hoeflin.

Mr and Mrs Nelson Carmount and Robert of Galt spent the weekend with his parents Mr and Mrs Robt. Carmount.

Sorry to report that Mrs. Weltz had the misfortune to fall in her home and break her arm. We wish her a speedy recovery.

Congratulations to Miss Pike and Entrance pupils who were all successful in passing. They were Davessa and Helen Dickson, Earl and Irwin Nelson, Grant Dickson and Cecil Westervelt.

BLYTHE'S CORNERS

The "Achievement" programme held Friday night in S. S. 14 was well attended. This programme was a display of the year's accomplishments. The first number was God Save the King sung by pupils and those attending, then the Beatitudes were repeated by the pupils and two hymns sung, also "Little Sir Echo" by Isabel Peter and Geraldine Damm. A play "Sleeping Beauty" was written by the teacher, and the children made the puppets as part of their handicraft work during the year, using these they put on a puppet show of "Sleeping Beauty."

Many of the children stayed after four the past month and they were given instrumental instruction, as a result four gave a sample of their violin work and one accompanied them on the organ.

The last number was a display of their year's handicraft and of many of their projects. One project was the making of Maple Sugar. They proudly displayed a plate of their sugar and anyone wishing to sample it had the privilege. Their handicraft filled many tables and all found it interesting, and some really fine work was shown.

Miss Ethel Webber was home for a few days from Preston. Miss Florence McIlvride is home for the summer vacation. Best wishes are extended to Miss Susie Marshall and Mr Gordon Dyer who were married Saturday.

A presentation is being held tonight (Wednesday) for Mr. Melville Watson and his bride, formerly Miss E. Brown, at the home of Mr. Bert Watson.

Mr. Wm. Park is home on leave for a few days.

Mr and Mrs Nelson Halliday and family attended the Orange service at Allan Park on Sunday last.

Mr. and Mrs. J. A. McVean spent Sunday with Mr and Mrs R. C. Watson and attended service at St Pauls.

SO THAT IS IT!

The recruit was disappointed in his uniform. It seemed to fit nowhere.

He was still trying to make the buttons of his tunic meet when he passed the colonel on the parade ground. And in his preoccupation he forgot to salute.

"Pull yourself together," said the colonel. "Don't you know you're

wearing the King's uniform?"
"Oh, that's it," said the recruit. "I knew it wasn't meant for me."

NORTH EGREMONT

Top Cliff and Swinton Park schools were lucky to hit a good day for their Old Boys and Girls' Reunion. Even the rain took a holiday. A number from here spent the afternoon at Top Cliff, while others went to Swinton Park. All report a good time.

Mrs Joseph Wilson, son Douglas and Miss Audrey Wells of Durham visited at Art. Wells' last Thursday. Mrs. J. M. Allan and Murray, also Bill Small, visited in Caledon East last Friday. Mrs. Richard Regan accompanied them home.

Mr. Irvine Sharpe of Durham presided at S.S. No. 13 last week where 20 tried the Entrance.

Mrs. A. Brodie had her two brothers visit her last week: one from Whitby and one from the West. Mrs. Geo. Ostrander of Toronto, visited at Mr David Hooper's this week.

A number from here intend going to the reception in Dromore hall for Mr and Mrs Orval Eccles on Thursday night of this week.

L.O.L. No. 861 will celebrate the 12th of July this year in Harrison.

Rev. A. Brodie will preach an Orange sermon in the Hall Sunday evening for L.O.L. 861. All visiting brethren are welcome.

Mr Thos. Moore is renovating his barn, putting in new plates, also porcelain plates and a new roof. Messrs. David and Thos. Gordon are doing the work.

Miss Jean Brown of Toronto has been visiting with her parents, Mr. and Mrs. John Brown.

Martin Wilson is at present nursing a sore arm, as the result of blood poisoning.

What happened the U.F.O. picnic this year? We can't blame the snow now. Guess we'll blame the abundance of rain.

Going Somewhere?
BUSES LEAVE
Durham, going
TO TORONTO
8.41 a.m., 6.06 p.m.
TO OWEN SOUND
12.50 p.m., a 7.15 p.m., b 11.00 p.m.
—except Sun.; b—Sun. & Hol.
Standard Time

Tickets and Information at
CALDER'S DRUG STORE—Phone 3

GRAY COACH LINES

ROXY
MOUNT FOREST

FRIDAY & SATURDAY, JULY 5, 6th
Gene Autry in

'Rovin'
Tumbleweeds

with Smiley Burnette
—PLUS—
Weaver Bros. & Elvry
— in —

'Jeepers Creepers'
with Roy Rogers

SUNDAY MIDNITE, MONDAY,
& TUESDAY, JULY 7, 8th, 9th

Presenting the most unusual guy you ever met in the most unusual picture you ever saw!
Edward G Robinson with Ann Sothern

'Brother Orchid'

WED. & THURSDAY, JULY 10, 11
FREE!

Government of Canada
WAR SAVINGS CERTIFICATES
Every Wednesday & Thursday

Win a \$5.00 War Savings Certificate, or many certificates of smaller value every Wednesday & Thursday!

'HELP CANADA WIN BY WINNING ONE'

—SHOWING ON THE SCREEN—
Low Ayers
Lionel Barrymore

'Dr. Kildare's Strange Case'

—Plus— Marie Osborn in
'Over the Moon'
in Technicolor

**Durham Girl
Won S. Gr**

Mr Pentland, the In... as a summary of the... nation, which may be... our readers.
The Dr. Jamieson... won by Dorothy Hirt... taught by Mr Geo... is a little twelve year... won first class hon... subject of the exami... other close runners... were Leola Graham... Dale School, taught... per; Murray Goodf... Proton, taught by M... and Shirley Murce... taught by Mr. E. A... four were so close... to have the papers... In the Inspector's... all schools from... same to the South... write, there were... pupils prepared, of... given their standi... work. This left 19... animation of whom... In the six urban... passed on their... whom 28 received... tion to those, then... wrote, of whom 40... ing honors.
In the six town... boys received the... their year's work... vanced to the hono... who wrote on the... passed, 13 receiving... the above it will... the rural schools an... urban schools in... The township... unique in that the... failure in the ent... township of Bent... contestant for th... being only one fail... Dorothy Hirtle... won first class... subject of the con... called that two ye... sister, Elaine, won... The best spell... are Murray Go... Murcar, and Ruth... Artemesia, taug... cis Collinson, all... full marks.
The best writer... who is also best... Composition. The... is Flor. McGilliv... taught by Miss B... the best mathem... Grey is Leola G... taught by Mr. M... The youngest... Marie McGillivray... years and four m... Mr Ray Walden... mont, who won... in every subject... for whom we... ture

Approximately of the Orange G... lady True Blue... by the life and... Forest marshed... Church Sunday... an inspiring ser... Hirtle, based on... Besides brother... ck and North... lodges of M... born, Hanover... represented.

GLAS
Many pe... after findi... "bargain a... after a hur... test as of a... time.
A CAR... and dign... an ACCUR... quality ar... that meet... SAFETY G... W.T.PA... Specialist... at C.S... Wedne... Appointm...