

NATURE AND SCIENCE

The Tree Melon.

One of the most delicious of tropical fruits, says The Scientific American, is the papaya, or tree melon. The tree on which it grows resembles a small palm; its slender trunk surrounded by a cluster of large leaves below which hangs the conspicuous melon-like fruit. When ripe the fruit is yellow, is often 20 inches long, and may weigh as much as 20 pounds. It is commonly used in the tropics as we use melons, for breakfast, for dessert and for salads.

Trumpeter Swans.

According to the Zoological Society Bulletin the interesting flock of trumpeter swans now carefully guarded on a secluded lake in British Columbia, numbered nineteen in the winter of 1919-20, but was reduced to nine in 1920-21 and showed a gain of only two in 1921-22. The trumpeter swan is the largest waterfowl known to have existed in North America and for many years was considered to be extinct. In 1909 Canadian naturalists announced the discovery of nests of the great swans on the islands in Franklin Bay, but reports of their appearance in the United States after 1884 cannot be confirmed. The Canadian Government employs a guard to protect the flock.

Raising Goldfish.

Perhaps twenty years ago a farm in the Middle Western United States had several small spring-fed ponds in which bass were raised. A few goldfish were put into the ponds, says The Guide to Nature, and the venture was so successful that today the goldfish farm produces more than half the goldfish sold in the United States. The greater number of the hatch are marketed the first year. The remainder of the fish are specially fed to bring them to the larger size required by special customers. Varieties raised for commercial purposes are comets, nymphs, fantails, telescopes and Chinese moors, that amazing variety which is of a dense, velvety black.

Mercerized Wool.

Under high temperature and at high tension wool can be successfully mercerized, says The Illustrated World. The yarn is immersed for about five minutes in bisulphide of soda at a high temperature. Shrinking is prevented by a mechanical apparatus that holds the yarn at high tension. The tension is then relaxed and the yarn is boiled in a weak acid solution. Mercerized wool yarns increase one-third in length but, unlike cotton yarns, gain nothing in tensile strength.

"Centrifugal" Car Wheels.

Of the steel car wheels on the market probably the most novel, says The Scientific American, is the one known as the Davis wheel, which is cast steel of special composition. The wheel is cast in a mould that is placed on a revolving table. The motion throws the liquid steel to the outer edge of the mould, where it cools first, thus forming the tread of the wheel. As the pouring starts ferromanganese is forced into the molten metal; and as the rim of the mould fills up the jet of manganese is gradually reduced so that the central part of the wheel is plain carbon steel.

Aeroplane Braking Invention.

Two inventors have independently developed a magnetic braking platform for landing aeroplanes, says Popular Mechanics. The platforms, made of iron, are for landing on decks or other limited areas. In one electromagnets are placed at various points throughout the iron platform and are "charged" by turning on the current from an electric generator, in such a manner that adjacent sections are of opposite polarity. Iron-shod skids on the aeroplane are attracted to the platform and the momentum of the aeroplane is checked by the pull of the magnets. The other platform has the electromagnets directly attached to the landing shoes and has an electric generator and control system installed in the aeroplane.

A Great Game Park.

The recently discovered game park in what was formerly German East Africa was long a German secret, according to The Illustrated London News. The park is the crater of an extinct volcano. It is nearly twelve miles square, two thousand feet deep and on the remarkable clover pasture surrounding a large lake are no fewer than seventy-five thousand head of big game that never leave it. So carefully did the Germans guard the discovery that the lions living in the park are described as daylight lions due to their tameness and habit of hunting in the daytime.

Traverston.

(Our own correspondent.) October is slipping speedily by, and so far, wonderfully beautiful. Spenser Edwards was operated on for appendicitis in Detroit over a week ago and is expected to be well enough to leave the hospital at the close of this week. Potatoes have turned out better than expected, mangolds have proved a fair crop. Most of the knotty, scrawny crop of apples is to be picked yet.

Mr. and Mrs. Will Campbell of Welbeck spent Sunday at the McClocklin home. The threshing machines are closing up the season's work. Mr. Oren Peart stored his away at the week's close.

Mrs. M. M. Marshall and Mrs. Albert Livingstone of town attended Zion's service on Sunday afternoon and spent the evening at the Edwards homestead. Paylor Bros. cut up nice piles of wood for Mr. Will Timmins and Mrs. T. E. Blair last week.

Mrs. Ford, who has been keeping house for Mr. Pat Fogarty for over a year, left a week ago for Hamilton to reside with her son.

Mr. Mal. Black did some badly-needed grading last week along the 6th Concession at Cook's hill, Greenwood hill and at the corner of the Base Line.

Miss E. J. Allan of No. 5 attended the teachers' convention and spent the remainder of the week with Miss Carrie Thaler at Elmwood. Don't ask us who brought them back.

Mr. and Mrs. Thomas Timmins and Missy Catharine had a very close call on Friday evening. They were coming down the steep grade to the mill door at Hayward's Falls, all three sitting in the front seat of the demerol, when the rear end flew up, throwing them over the dashboard and in among the horses' feet. To the quick cry of "whoa" the horses stood stock still and thus saved them from doubtless serious injury. Tom lately purchased a thoroughbred prize-winning Tamworth from a big breeder near Meaford.

Friday morning last was beyond compare. So still and quiet, save for the warble of a lone bluebird, the faraway song of a robin, the subdued murmur of the Falls. The sun shone so dreamily through the haze, and the woods to a great extent retained their matchless coloring. We were tempted to throw the potato pail into a fence corner and take the day off, but—"Farm work must be done!"

The gambling spirit must be aroused by sweet clover seed. Four different buyers have been in the neighborhood during the past few days and the price keeps advancing. Quite a number of fair ones attended the Women's Institute meeting at the home of Mrs. J. J. Peart on Thursday last and had a jolly good time, a generous feed of dainty things, and strolled home among the falling autumn leaves.

Glenroadin.

(Our own correspondent.) Wedding bells are ringing. More next week.

Miss Ada Banks and sister, Mrs. Allan Boyd, spent the week-end at Riverview, the guests of their brother, Mr. James Banks.

Mr. and Mrs. Albert Middleton of town were the guests of the Banks family on Sunday.

Mr. and Mrs. Thomas Bell of Toronto spent the week renewing old acquaintances around Glenroadin.

The community extends its sympathy to the Greenwood family in the loss of their aged father, who was very highly respected.

SOUTH GREY TEACHERS MET IN CONVENTION

Continued from page 1. McKeechne is of the opinion that to prevent depopulation the children should be imbued with a love of country and of country life. Instead of trespassing on the school grounds for school garden purposes she thought it would be well to have home gardens where more room could be had.

Miss Laversage continued by telling of the subjects taken up in the O.A.C. and commended the excellent training there in the departments of poultry, field husbandry, animal husbandry and dairying.

"The Hot Lunch at School" was ably treated by Miss Jean Floyd of Holstein, who thoroughly believes in its benefits, particularly in country schools. She is certain a cold lunch is not good in the winter and showed how the practice might be introduced in rural schools.

On Friday morning after the devotional exercises and opening ceremonies, Miss Elythia Frances of Neustadt gave an interesting and profitable talk on "Primary Work in Schools." She explained the system thoroughly and followed the daily routine of a little class of beginners. She told about the games, the songs, the stories, up to the good-by song at the close of each day's work.

An account of the Easter trip to Washington and New York was taken by three Hanover teachers, Mrs. E. W. Frost, Miss Maria Muter and Miss Albertina Schilling. With composed manner and graphic powers of description they gave pretty word-pictures of the scenes in the cities visited, the homes of well-known people and the monuments of past heroes such as Abraham Lincoln, General Grant and George Washington. The skyscrapers of New York came in for a graphic touch by the facile pens of the young ladies and all were interested in the pleasing descriptions.

Mr. Walks of the Normal school dealt with the subject of Spelling in a very interesting manner. On rising he complimented the teachers of South Grey on the deep interest taken in convention work. He introduced his topic by saying that spelling is a dry subject and was at a loss to know if we didn't look for too much in spelling. Teachers see so many words wrongly spelled they are often confused and may be at a loss to know the correct spelling of even a simple word. Only the words actually needed are the words necessary to learn. Spelling is done mostly by writing the words and not by naming the letters that compose them, hence attempts at oral spelling are not really taught till the child arrives at ten years of age and is able to understand the rules governing the spelling of words. He recommended the free use of a dictionary to become a good speller. He advised the pointing out of the hard or difficult parts of words and also the dividing of words into syllables to facilitate pronunciation.

Miss Marietta Park of S. S. No. 9, Gleneg, told of the "Better Way" of dealing with the child. The child should be shown he or she is a necessary part of the world at large. He should see you are really interested in him personally. We should rule by love rather than fear and make life at school instructive and interesting. Children ask many and strange questions and like to have their questions answered. Principal Ruttie of Dundalk spoke briefly on school examinations, the purpose of which is to test fitness for promotion and act as a stimulus to better work. The test examinations

should be taken into consideration as well as the final examinations.

Miss McKee of Toronto explained the use of the grafonola and the important work it could be made to do if introduced into the Public schools.

Miss Mildred Leeson, who teaches in North Wellington and attended the Institute meeting at Mount Forest, was present Friday afternoon at the request of the Association and gave her impressions of School Fairs. The proper time to begin for next year's School Fair is immediately at the close of this year's Fair. A school cannot succeed in crowding the work into a few weeks. This suggestion meant a lot and stamped her paper as something of real value if the advice be followed.

Mr. Magee of Hanover was the next and last speaker and gave many valuable hints on his subject, entitled, "Little Foxes."

Several votes of thanks were passed: To Mr. Walks for his addresses, to the people of Durham for their hospitality, to the billeting committee, to the President, Mr. Ermel, and the officers of 1923.

Officers for the ensuing year were elected as follows:

- President—J. A. Magee, Hanover. Vice-President—Miss Arnelta McKeechne, Durham. Secy.—Treas.—J. A. Graham, Durham. Resolutions Committee—D. A. McIntosh, Dornoch; J. A. Norton, Aytton; Miss A. Fettes, Hopeville; Miss Nellie Fursman, Elmwood. Delegates to O. E. A.—Messrs. H. W. Ermel, Neustadt, and J. A. Graham, Durham. Auditors—Misses Sadie McDonald and Edna Browning.

BORN

McFadden.—In Gleneg, October 5, to Mr. and Mrs. Lawrence McFadden a daughter.

Porter.—In Durham, October 14, to Mr. and Mrs. Joseph Porter of Bentinck, a son.

Zam-Buk is a Blessing in the Home

CHILD'S TERRIBLE BURNS.—Mr. A. Summers, Postmaster of Goldhow, Sask, writes:—"Zam-Buk performed wonderful healing in the case of my little two-year-old boy who fell from his chair against a red-hot heater! One side of his face and his ear were just frizzled. I dressed the burns liberally with this soothing Zam-Buk daily. In two weeks Zam-Buk grew beautiful new skin."

FROST-BITTEN EARS HEALER.—"While going to school one morning I got both my ears badly frozen," writes Miss Mary Herrington, of Harewood, N.B. "They were swollen twice normal size and pained intensely. Fortunately I had some Zam-Buk on hand and applied it immediately I got indoors. The relief Zam-Buk gave was wonderful. It stopped pain almost immediately, and quickly took out the inflammation and swelling."

"ECZEMA ON THE HANDS" caused me three years awful suffering," writes Mr. Angus Josey, of Spry Harbor, Halifax, N.S. "The intense itching kept me awake at nights. I had tried ointments and lotions without result before I got Zam-Buk. This wonderful healer quickly removed every trace of disease."

ZAM-BUK is magical for troubles like ringworm, cold-sores, abscesses, poisoned wounds, chilblains, piles, ulcers, etc., also for healing cuts, scalds and other injuries. 50c. all dealers.

A SURGERY IN A TWO-INCH BOX

GLENELG COUNCIL

Council met October 13, members all present, the Reeve in the chair; minutes of last meeting read and adopted. The following communications were received and read: From Canadian Red Cross Society, Toronto, re aid for Japanese relief; T. S. Cooper, Agricultural Representative, reporting completion of Connor ditch by Wilson Bros., and recommending payment of balance due them on contract, viz., \$264.48.

The Council discussed Japanese Relief question and decided that owing to contributions being made through the schools of the township no further action be taken.

The following gravel accounts were presented and ordered paid: Bert Coffey \$3.20, N. McIntyre 90c., Mrs. A. McEachern \$4.20, W. H. Patterson \$8.00, James Haley 60c., Alex. Campbell 60c., Archie McDonald \$4.50, N. McIntyre \$4.50, H. B. McPhail 60c., Henry Beaton \$4.30, Elijah Dennett \$1.70.

J. J. Black—Aljoe—That re claim of Stephen Dennett for compensation for threshing machine going through his land, that owing to so many similar cases of neighborly accommodation, we recommend that this claim be reconsidered.—Carried.

Aljoe—M. Black—That report of Commissioners of the different Wards be accepted and payment made as follows: A. MacGuigg, Town Lines and Bridges, \$590.58; A. A. Aljoe, Ward 1, Special, \$20.00; J. J. Black, Ward 2, Appropriation, \$154-

00; M. Black, Ward 3, Special, \$71.90; T. J. Brodie, Ward 4, Special, \$115.90.—Carried.

Aljoe—M. Black—That the Reeve, Clerk and Assessor be paid \$4.50 each for selecting jurors.—Carried.

Aljoe—Brodie—That after December 12th, 1923, 5 per cent. be added on all taxes remaining unpaid after said date.—Carried.

Council adjourned to November 19 at 10 a.m.

—H. H. McDonald, Clerk.

Don't Overlook But Look Over THIS WEEK'S BARGAIN LIST

- White Cups and Saucers per dozen ..... \$1.60
- Clover Leaf Cups and Saucers, per doz. .... \$2.00
- Ladies' All-wool Cashmere Hose, per pair ..... 89c.
- Sweater Yarn, 1 oz. Balls, 2 for ..... 25c.
- Silk and Wool Sweater Yarn, 2 oz. Balls ..... 49c.
- 2oz. Skein Sweater Silk ..... 75c.

The Variety Store

Health - Comfort - Durability ARE COMBINED IN

STANFIELD'S The Underwear for Men and Women

NEW FLANNELS in Sand, Red, White, Brown and Mauve.

New Art Sateens, Chintz and Cretonnes

FLANNELETTE AND WOOL BLANKETS

C. L. GRANT

Shaving Supplies

Most men are very particular concerning their Shaving Supplies. For this reason we have been most careful to stock only the best that the market affords in this line. We highly recommend our Shaving Supplies, knowing that they will prove satisfactory in every respect.

Come in to-day and select your preference of Razors, Blades, Shaving Soaps and Creams, Brushes, Mirrors, Straps, Lotions, Powders, Etc.

Try our New Gentlemen's Talcum at 25c.

Wall Paper Prices SMASHED

To get room for New Papers For One Week Only

- Regular 25c. for 19c. per roll
- Regular 30c. for 23c. per roll
- Regular 35c. for 29c. per roll
- Regular 40c. for 33c. per roll
- Regular 50c. for 39c. per roll
- Regular 55c. for 59c. per roll

Remnants

- Regular 18c. for 9c. per roll
- Regular 25c. for 13c. per roll

Small room lots at Less Than Half-Price.

This is your opportunity to paper that room.

ASK US FOR A FREE BOTTLE OF DREGO

McFadden's Drug Store

Successor to Macfarlane & Co.

"The Rexall Store"

DURHAM, ONT.

G. B. SAMUELSON Presents

"TILLY OF BLOOMSBURY"



HILARIOUS ENGLISH COMEDY-ROMANCE

DICKY MAINWARING was a young chappy from the most select circle of London Society... He was the offspring of Lady Mainwaring. (Pronounced Mannerling).

And TILLY was only a dressmaker from Bloomsbury, but Dicky breezes into the family mansion with a girl on his arm and chirps out:

"I say, Dear Old Mater! Here's Tilly, the sweetest little thing on earth, and in No Time, you'll be calling her 'Darling Daughter.'"

With EDNA BEST and TOM REYNOLDS--- Funny, Romantic, Hilarious

Veterans' Star, Fri.-Sat., Oct. 19-20

ADMISSION 16c. and 27c.

SPECIAL PRICE ON MIXED FEED

We Have a Limited Quantity of Chieftain Heavy Mixed Feed

that we are selling at \$29.00 per Ton

Packed in second-hand sacks,

or packed in new sacks at \$30.00 per Ton

THIS IS THE CARLOAD PRICE. GET A FEW TONS WHILE IT LASTS.

OTHER FEEDS AT SPECIAL PRICES THIS MONTH

No Town Delivery

Terms: Cash

BUSINESS HOURS: 8 a.m. to 5 p.m.

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