

THE CHARLOTTETOWN GUARDIAN

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WEDNESDAY, JULY 20, 1927

THE SCOTTISH GATHERING.

TODAY the annual gathering of the Clans takes place at Riverside Park, Vernon. The usual athletic sports will be carried out, dancing and bag-pipe music will be in evidence and everything points to a day of more than ordinary enjoyment. A special train leaves Charlottetown this forenoon, and will return after the games.

This is the third time in recent years that the Scottish Gathering has been held outside the city, an innovation which has proved a splendid success. It affords opportunity to many in the rural districts to take advantage of the old historic occasion, and the city dwellers to get out into the open and enjoy a wholesome atmosphere which is not to be had within city limits.

THE C. N. R. HISTORY.

THE Canadian National Railways has issued, in connection with the celebration of Canada's Diamond Jubilee, a handsome booklet, giving a concise history of the development of Canada for the past sixty years, as seen from the Railway viewpoint.

Much has been written during recent months about the development and growth of Canada. So voluminous has this writing been that the young especially are liable to be confused in attempting to grasp it all.

The birds are singing, the flowers are blooming, the fish are biting. May the good Lord enable us to love our work!

THE SILLY SEASON.

THE silly season opens about the first of July and continues until the last week or two in August, unless shortened prematurely by bankruptcy or otherwise. It is designed to serve as a buffer between the strenuous weeks of spring farming and housecleaning and the equally strenuous weeks of harvesting and paying off the gas and repair bills contracted during the gay and festive summer.

Notes by the Way

Driving a car at high speed is very injurious to the roadway. It is not merely a matter of safety to his own and other cars and the persons on board of them, or of horse carriages or pedestrians that drivers of cars should consider, although these are of the first importance.

A case in point is related by Hon. J. L. Perron, Minister of Roads for the Province of Quebec. A short time ago he had occasion to travel over a perfect piece of road 43 miles in length near Montreal.

Hon. Mr. Perron is a man of determination and he promptly took action to stop speeding. He immediately cancelled the licenses of 72 of the violators of the speed regulations and announced that he had doubled the number of motorcycle officers and would establish speed-traps everywhere.

VITAL STATISTICS.

THERE is much to encourage in and much to learn from the vital statistics of Canada. Last year there were about a quarter of a million births, nearly double as many as there were deaths.

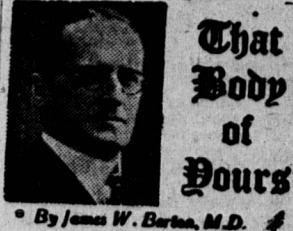
There is a reason for the low death rate in the province of Ontario. The Child Welfare Society with its many branches throughout the province is doing a wonderful service in instructing mothers in the care of their children, born and unborn, and the result is reflected in the death rate.

EDITORIAL NOTES.

The Minister of Roads in Quebec has announced that he will establish speed traps, and let the travelling public know on what highways they are. He hopes, not to catch speeders, but to induce motorists to drive at moderate speed.

The Women's Canadian Club, of Vancouver, have addressed a strong protest to the Federal and Provincial Governments of Canada against the sale of horses, locomotives and the equipment to representatives of the Soviet Government of Russia.

The Boston Globe compares British respect for law and American contempt for it, and remarks: "Perhaps the reason that Americans have fallen into this contemptuous attitude toward law and justice is the high-handed methods that have been so often used by them against foreigners who were ignorant of their rights."



By James W. Burton, M.D.

MAKING GALL BLADDER OPERATIONS SAFE

From 1914 to 1925 there were over 1100 operations on the gall bladder and bile ducts investigated by Dr. M. F. Fallon of Worcester, Mass. Over 90 per cent of these operations were for gall stones.

From 1914 to 1922 the death rate resulting therefrom were nearly 8 in one hundred; in 1922 it was about 5 1/2 per cent, in 1923 it was 4 1/2 per cent, in 1924 3 1/2 per cent, and in 1925 less than 2 per cent.

Dr. Fallon states that the low death rate in 1925 was due to the preliminary preparation of the patient, so that when he reached the operating room he had just that much better chance to come through safely.

Also an X ray meal which shows the position of the intestine in relation to gall bladder, because sometimes the intestine has fibrous bands or adhesions which interfere with its movements. Sometimes also an old appendix condition will cause these adhesions of the intestine, and the appendix will be shown at a higher position than normal, that is up near the gall bladder.

HOUSEHOLD SCRAP BOOK

Paraffin has many household uses. It will remove grease from the hands, is excellent for cleaning the sewing machine, will remove grease from the rollers of the clothes wringer.

FOR THE SCRAP BOOK

Knowledge to one appeals as a goddess, indeed; to another, knowledge is only a cow, milkable every day.—Schiller.

TIME, YOU OLD GIPSY MAN

Time, you old gipsy man, Will you not stay, Put up your caravan Just for one day?

All things I'll give you, Will you be my guest, Bells for your jennet, Of silver the best, Goldsmiths shall beat you A great golden ring.

That Body of Hours

The Public Forum

This column is open for the discussion by correspondents of questions of interest. The Charlottetown Guardian does not necessarily endorse the opinions of correspondents.

CORRAN BAN

Sir,—Will the writer of "Prince Edward Island as a Tourist Resort" kindly pardon my contradiction again, but in regard to Corrnan Ban being the Gaelic for "white sickle", I have been contradicted myself on the subject by one of our best Gaelic students who informed me that instead of meaning "white sickle" it means "white bird".

DAILY LESSONS IN ENGLISH

By W. L. Gordon

WORDS OFTEN MISUSED

Don't say "the jury were returning to the room." Say "was."

OPINION MISPRONOUNCED

Pronounce first as in "of", second as in "naught", as in "naught."

OPINION MISPELLED

Two p's. SYNONYMS: fallible, questionable, precarious, debatable, disputable, unreliable.

WORD STUDY

"Use a word three times and it is yours." Let us increase our vocabulary by mastering one word each day.

Daily Selections FOR Guardian Readers

July 20, 1927

GOD'S HOUSE

For a day in Thy courts is better than a thousand. I had rather be a doorkeeper in the house of My God, than to dwell in the tents of wickedness.

PRAYER: Help us, Lord, to love Thy house more than the attractions of the world.

THE FIELDS

Dear emerald fields, where grasses proudly nod, Holding in their depths the secret ways of God. They hold the Spring and Summer on their breast, And winding paths of scented blessedness.

FOR THE SCRAP BOOK

Knowledge to one appeals as a goddess, indeed; to another, knowledge is only a cow, milkable every day.—Schiller.

TIME, YOU OLD GIPSY MAN

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THE ORANGE YOU EAT

Condensed from the Scientific American (June, '27) T. D. A. Cockrell, Prof. of Zoology, Univ. of Colorado.

An interesting motion picture might be made on the subject of orange growing. First might be shown the wild citrus of prehistoric times growing in Oriental forests. Then the slow and patient development by the Chinese; the Crusaders arriving in Palestine, and being shown the golden fruit; the Portuguese mariners crossing the Atlantic carrying the orange to Brazil; the Franciscan padres, led by Junipero Serra, whose statue may be seen in San Francisco (coming up the coast, they built their missions, planting orange seeds and establishing horticulture in Upper California); United States control, and the development of great orchards; Mrs. L. C. Tibbet arriving in Riverside in 1873, with two little trees of the navel orange, presented to her by William Saunders of the Department of Agriculture (these trees were obtained from Brazil); the Riverside Citrus Fair of 1879, when the navel attracted much favorable attention; and the rapid growth of the industry.

But there are a whole series of villains in the play. Citrus trees are extraordinarily subject to the attacks of pests, both insects and fungi. The reader will be particularly interested in the efforts to combat two or three of these pests.

A very handsome scale-insect, of comparatively large size, appeared in California in 1868. It was then unknown to science, and became known as the Cottony Gushion-Scale, or Fluted Scale. By 1888 the scale had spread to such an extent that, in spite of all remedies applied, it actually threatened to destroy the citrus industry of California. In the meantime, the scale had been traced to Australia, where it was not deemed a serious pest. Hence, the principle of biological control was invoked.

All insects, if left to multiply, would soon overrun the earth and eventually, at no distant date, perish themselves from lack of food. Under normal conditions, a balance exists between the rate of reproduction and the rate of destruction, so that each kind of insect maintains its numbers, without undue increase or decrease, from year to year.

Mr. Koebel made two shipments of natural enemies; the second included at least 12,000 individuals. Unfortunately the boxes were injured en route and there was much delay at the custom house, almost resulting in complete failure. There was in the shipments, in particular, a red and black lady-beetle which attacked the Fluted Scale with great vigor. An orange tree covered with a tent in Los Angeles, where the first consignments of the Lady-bugs were colonized, was soon found to be almost entirely free from the Scale. Colonies of the Lady-bugs in other localities proved equally successful, the bugs apparently thriving here as well as in Australia.

In July, 1889, J. R. Dobbins of San Gabriel reported that the lady-beetle had "multiplied in numbers and spread so rapidly that every one of my 3200 orchard trees is literally swarming with them. I feel positive that the entire valley will be practically free from the Fluted Scale before the advent of the new year." Success was practically complete, and today it is possible to say that the Fluted Scale as a serious pest of citrus trees in California is a thing of the past.

In 1913 it was discovered that a number of orange groves near Uplands, Cal., were infested by a peculiar kind of mealy-bug. Where it came from, and how it reached California, was a mystery. It spread, and has become such a dangerous pest over a large area that it is believed by experts that it would utterly destroy the orchards of Southern California if left unchecked. It is repeating the performance of the Fluted Scale, or would do so if given a chance. Fortunately it is attacked by the Cryptolaemus beetle, obtained in Australia by Koebel in 1882.

Last summer I was taken by H. S. Smith to see the insectaries near Los Angeles, where these beetles are being raised in vast numbers on mealy-bugs living on potato sprouts in darkened rooms. This method, devised by Mr. Smith himself, makes it possible to produce many thousands of the beetles, which fly to the windows, and are readily captured. They are put in little gelatin capsules, and liberated at the rate of ten to a tree each year. The result is adequate control of the pest, but of course at heavy expense. The Cryptolaemus will not winter successfully in California, so it has to be re-colonized on the trees at frequent intervals.

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