With The Boy Scouts

A short time ago the Rotarians of Owen Sound listened to a fine address at one of their weekly meetings, delivered by Mr. Frank C. Irwin, assistant provincial commissioner of the Boy Scouts Association. Mr. Irwin and a number of the local Scout leaders were the guests of the club. Following the address a number of Rotarians volunteered to become interested in the Boy Scout movement in their locality and the club itself will give the movement hearty support.

In his address Mr. Irwin reviewed the splendid work accomplished by the Boy Scouts and told of some of their war-time activities. He referred especially to the fine results obtained in Pentang, where the Scouts had a community hall and where the movement had resulted in a much better feeling among the Protestants and Catholics of that town. The boys had taken an important part in the Tercentenary celebration there last summer.

The members of the Rotary Club are right behind the movement, as boys' work is one of the most important duties of Rotary Clubs, and Boy Scout work is essentially boys' work.

* * * * *

The following editorial is clipped from the Halifax Herald:

This happened in a Barrington Street restaurant yesterday. A little gentleman of about twelve years of age was noticed holding a swinging door open for an old lady. When she had passed out to the sidewalk, her "escort" saw to it that she was guided safely across and into an automobile waiting at the curb.

One did not need to be told that the little fellow was a Boy Scout. He did not have any distinguishing badges "up" and he had left his "Baden-Powell" at home—but he had Boy Scout written all over him.

A true gentleman in the making, that is what that boy is. And if for no other reason than the reason supplied through that delightful little incident, we grown-ups should back the Boy Scout Movement with every means in our power.

* * * * *

All information regarding the organization of Boy Scout and Wolf Cub (Junior Scout) Packs can be had upon application to the Field Department of the Boy Scouts Association Headquarters, Bloor and Sherbourne Streets, Toronto.

Whence Comes the Ocean's Salt?

It has long been an accepted theory that the ocean derived its salt from the rocks of the land. Rivers carry salt to the sea, together with other minerals, and there it has accumulated through the ages. This refers only to common salt, which is sodium chloride, an element so far essential to the health of the human body that we could not survive without it. It is table salt, lacking which most of our foods would taste flat and insipid.

Sea water contains other salts, notably those of magnesium and potassium, both of which, like sodium, are metals. It is a fluid of very complex chemical make-up, containing even appreciable percentages of gold and silver. Which, of course, is what might be expected in view of the contributions of land-detritus by the rivers.

But now a new theory is being put forward, based upon the alleged fact that the salts of the sea do not correspond quantitatively to the salts of the land. That is to say, their relative quantities do not correspond. For one item there is an enormous excess of chlorides. The backers of this theory are disposed to contend that the salts of the ocean are largely of volcanic origin, taken up in solution from materials vomited up from the sea bottom at a period when the terrestrial globe was as yet in the making, its crust being in process of formation.

To support this idea, they say that the crater of Vesuvius after each eruption is found covered with a white crust that is in composition exactly like sea salt! It is estimated by geologists that the common salt in the ocean would make 4,800,000 cubes each one mile in size, which if spread over Canada would form a layer one and six-tenths miles high.

WINTER HARD ON BABY

The winter season is a hard one on the baby. He is more or less confined to stuffy, badly ventilated rooms. It is so often stormy that the mother does not get him out in the fresh air as often as she should. He catches colds which rack his little system; his stomach and bowels get out of order and he becomes peevish and cross. To guard against this the mother should keep a box of Baby's Own Tablets in the house. They regulate the stomach and bowels and break up colds. They are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

Canada needs more people and capital to develop her fertile lands and natural resources, and presents opportunities unsurpassed by any country in the world.

Minard's Liniment for Garget in Cows.

WHERE NATURE FIRES THE BOILERS

ITALY'S INDUSTRIES RUN BY NATURAL POWER.

Boiling Springs and "Puffing Holes" in Volcanic Area Take Place of Coal.

Italy and its geographical neighborhood comprise a volcanic area within which plutonic manifestations are by no means restricted to Versuvius. Stromboli and Etna—the three "burning mountains" so conspicuously associated with the history of the Mediterranean.

Thus in Tuscany (north of Rome) there is a valley, south of the ancient Etruscan city of Volterra, where for a distance of thirty miles the landscape derives picturesqueness from many boiling springs and "puffing holes" that emit steam.

Geologists say that these puffing holes go down to great depths in granite strata where exceedingly high volcanic temperatures prevail. The springs of boiling water, from the same source, contain much boric acid, and for a century past they have yielded commercial supplies of that product in such quantity that a great deal has been available for export. An Itlian engineer named Ciaschi conceived the idea of drilling deep holes in the vicinity of the springs, and thereby developing new ones. It was carried out very successfully: but it cost the unfortunate man his life. He fell into one of his artificial springs and was par-boiled before he could be dragged out.

Profitable Industry.

The scheme was developed by his successors, and very profitably, great quantities of the boric acid being sold to the French glass factories. It was then a much scarcer and more costly product than it is to-day. The simple means adopted for obtaining it was to evaporate the water in huge caldrons, wood providing the requisite fuel.

Increasing scarcity of wood made the process too expensive, and in 1827 a Frenchman, Comte Francois de Larderel, hit upon the clever notion of using the steam from the puffing holes to furnish heat, dispensing with fuel altogether. The water required for evaporation was drawn from the springs into immense pans of lead, beneath which the steam was conducted through pipes. Production thereupon jumped to more than 2,000 tons of boric acid a year. The industry brought into being a number of towns and villages in a region which a few years earlier had been uninhabited. Among the most important centres of it at the present time are the towns of Larderello, Serrazano and Lustignano.

A few years ago it occurred to the engineers in charge of this picturesque enterprise that steam from the puffing holes might be turned to profitable account for power purposes. Engines were installed, and there was such disappointment when it was found that the mineral salts contained in the vapor attacked the metal of the machinery so injuriously that it soon refused to operate.

Boon to Coalless Italy.

This difficulty, however, was eventually overcome by the adoption of means whereby the vapor was put through a preliminary process of purification, the salts being removed from it. Turbine engines were installed, and now a first-class electrical plant is supplying Volterra and other towns with current, the power being derived wholly from steam of subterranean origin.

The steam being supplied to the turbines free of cost, the electric power, usd for lighting and other purposes, is very cheap. In a country where coal is so scarce and dear as it is in Italy, such a source of inexpensive energy is highly appreciated.

To augment the supply of available steam, many deep borings have been made, thus creating artificial puffing holes. Eleven average borings yield power equal to that derivable from the burning of ten tons of coal per hour. Apparently the borings do not affect the pressure at which the steam is delivered from the depths of the earth; and the quantity of steam, at an unvarying pressure, is not diminished as time goes on.

A Roaring Game.

When the term of a certain governor-general of Canada expired and he was about to retire to India, the devotees of the sport of curling made him a farewell address. According to Lord Frederic Hamilton in his book, "Days Before Yesterday," the governor-general—the present Lord Lansdowne—made a very happy reply.

Speaking of the regret he felt at leaving Ottawa and severing the ties that bound him to Canada, he remarked that, bearing in mind the climate of India, he did not anticipate much curling there, and that he should miss the "roaring game." In fact, he thought that the only roaring game that he was likely to come in contact with would probably be a Bengal tiger.

"Let us hope," he concluded, "that your ex-governor-general will be found pursuing the roaring game, not being pursued by it."

Horses, giraffes and ostriches have the largest eyes of land creatures, and cuttlefish of those in the sea.

THE CAUSE OF BACKACHE

Only in Rare Cases Does Backache Mean Kidney Trouble.

Every muscle of the body needs constantly a supply of rich, red blood in proportion to the work it does. The muscles of the back are under a heavy strain and have but little rest. When the blood is thin they lack nourishment, and the result is a sensation of pain in those muscles. Some people think pain in the back means kidney trouble, but the best medical authorities agree that backache seldom or never has anything to do with the kidneys. Organic kidney disease may have progressed to a critical point without developing a pain in the back. This being the case, pain in the back should always lead the sufferer to look to the condition of his blood. It will be found in most cases that the use of Dr. Williams' Pink Pills to build up the blood will stop the sensation of pain in the ill-nourished muscles of the back. How much better it is to try Dr. Williams' Pink Pills for the blood than to give way to unreasonable alarm about your kidneys. If you suspect your kidneys, any doctor can make tests in ten minutes that will set your fears at rest, or tell you the worst. But in any event to be perfectly healthy you must keep the blood in good condition, and for this purpose no other medicine can equal Dr. Williams' Pink Pills.

You can get these pills through any dealer in medicine, or by mail at 50 cents a box or six boxes for $2.50 from The Dr. Williams' Medicine Co., Brockville, Ont.

Suspended Ferry Carries Traffic Across River.

A novel kind of bridge for transporting pedestrians and vehicles across a river, without interfering in any way with the passage of full rigged ocean-going shipping, is in operation at the town of Newport, Eng., on the river Usk, four miles from its junction with the Severn. On account of the steepness of the banks, the great rise and fall of the tides, the length of the span, and the height of headway needed, any ordinary kind of bridge was impracticable, and therefore this special kind, called a "transporter bridge," was erected.

The stationary members of the bridge consist of a pair of supporting towers, 242 ft. high, on each bank of the river. These carry two trussed girders, 16 ft. deep and 26 ft. from centre to centre, across the span of 645 ft. The total clearance from high-water level to the underside of the span is 177 ft. The horizontal trussed girders are tied together and braced as in any ordinary bridge span, and their bottom chords form a track, in each case, for 15 wheels on either side of its web. These wheels are carried on steel brackets, which are part of a large travelling frame, 104 ft. long, which forms the means of transportating a suspended platform or carrier. The travelling frame is propelled by a continuous cable driven by a drum in connection with two 35-hp. electric motors in the power house near one end of the bridge.

A Rhinoceros Horse.

The beast referred to in the Bible as a "unicorn" is almost undoubtedly the single-horned rhinoceros of Southern Asia, which, needless to say, is a very formidable beast.

At Calcutta there is a famous Zoo, which, specializing in Asiatic animals, keeps on exhibition a number of rhinos of this species.

The other day a native, who had never before seen a rhinoceros, visited the Zoo and, overcome with amazement was suddenly inspired with an ambition to ride the biggest one, which at the moment lay peacefully dozing in his pen. He proceeded thereupon to climb the iron fence, despite the protests of other persons who sought to restrain him and who looked in vain for a guard or keeper to prevent the crazy action.

Once over the fence, he boldly straddled the huge animal, and looked around him for admiration. But the rhinoceros, amazed and indignant, leaped up with surprising agility, threw the man off, impaled him with his horn, cast him thirty feet into the air and then lay down upon him. Guards, summoned to the scene, killed the beast with explosive bullets. The man was dragged out of the pen, still breathing; but he died a few hours later.

A True Home.

May blessings be upon your house,
Your roof and hearth and walls!
May there be lights to welcome you
When evening's shadow falls!
The love that like a guiding star
Still signals while you ream;
A book, a friend—these be the things
That make a house a home.

—Myrtle Reed.

MONEY ORDERS.

It is always safe to send a Dominion Express Money Order. Five dollars costs three cents.

Canada has the only two coal regions on the seacoast of North America, and controls one-fifth of the world's coal resources.

"Know thy work and do it," says Carlyle, "and work at it like a Hercules. One monster there is in the world: an idle man."

Minard's Liniment for Distemper.

Classified Advertisements.

PLAYER PIANO FOR SALE.

BELL PLAYER PIANO IN GOOD condition, with a large number of music rolls, for sale at a bargain. L. Costello, 73 West Adelaide Street, Toronto.

BELTING FOR SALE

ALL KINDS OF NEW AND USED belting, pulleys, saws, cable, hose, packing, etc., shipped subject to approval at lowest prices in Canada. YORK BELTING CO., 115 YORK, STREET, TORONTO.

HELP WANTED.

LADIES WANTED—TO DO PLAIN and light sewing at home, whole or spare time; good pay; work sent any distance; charges paid. Send stamp for particulars. National Manufacturing Co., Montreal.

The Average Man.

When it comes to a question of trusting
Yourself to the risks of the road,
When the thing is the sharing of burdens,
The lifting the heft of a load,
In the hour of peril or trial,
In the hour you meet as you can,
You may safely depend on the wisdom
And skill of the average man.

'Tis the average man and no other
Who does his plain duty each day.
The small thing his wage is for doing,
On the commonplace bit of the way.
'Tis the average man, may God bless him,
Who pilots us, still in the van,
Over land, over sea, as we travel—
Just the plain, hardy, average man.

So on through the days of existence,
All mingling in shadow and shine,
We may count on the every-day hero,
Whom haply the gods may divine.
But who wears the swarth grime of his calling,
And labors and earns as he can,
And stands at the last with the noblest—
The commonplace, average man.

Energy Required in Sewing by Hand and With Machines.

That there is a great difference in the expenditure of energy required with different ways of sewing, was demonstrated recently by scientists. Little variation was found in hand hemming on fine handkerchiefs cotton sheets, 8-oz. cotton duck, or army blankets, but when the speed of sewing was increased, the expenditure of energy increased in proportion. Hemming sheets on a foot-driven machine, which was discovered to be about six times as fast as doing the same work by hand, required six times as much energy, but the energy, per yard of sewing, was hardly one-half as great. When an electrically driven machine was used, the energy required per hour was not quite twice that used for hand sewing, and about one-fourth of that used for the foot-driven machine.

Canada has most extensive fishing grounds—5,000 miles on the Atlantic, 7,000 miles on the Pacific and 220,000 square miles fresh water.

The postoffice pensions and labor ministry departments in Great Britain employ 8,000 women.

For Sore Throat, Cold in the Chest, Etc.

MINARD'S "KING OF PAIN" LINIMENT

YARMOUTH, N. S.

Mother! Open Child's Bowels With California Fig Syrup

Your little one will love the "fruity" taste of "California Fig Syrup" even if constipated, bilious, irritable, feverish, or full of cold. A teaspoonful never fails to cleanse the liver and bowels. In a few hours you can see for yourself how thoroughly it works all the sour bile, and undigested food out of the bowels and you have a well, playful child again.

Millions of mothers keep "California Fig Syrup" handy. They know a teaspoonful to-day saves a sick child tomorrow. Ask your druggist for genuine "California Fig Syrup" which has directions for babies and children of all ages printed on bottle. Mother! You must say "California" or you may get an imitation fig syrup.

USE SLOAN'S TO WARD OFF PAIN

LITTLE aches grow into big pains unless warded off by an application of Sloan's. Rheumatism, neuralgia, stiff joints, lame back won't fight long against Sloan's Liniment.

For more than forty years Sloan's Liniment has helped thousands, the world over. You won't be an exception. It certainly does produce results.

It penetrates without rubbing. Keep this old family friend *always handy* for instant use. Ask your neighbor.

At all druggists—35c, 70c, $1.40.
Made in Canada.

Sloan's Liniment (Pain's enemy)

ISSUE No. 52—'21.

A Soft Answer.

New office boy: A man called here to thrash you a few minutes ago.

Editor: What did you say to him?

New office boy: I told him I was sorry you weren't in.

Praise!

"What do you think?" said a little boy to his mother; "my teacher has been praising me to-day."

"What did he say to you, Charlie?"

"Well, he said nothing to me, but he said to the next boy: 'You're the most good-for-nothing boy in the class—even Charlie behaves better than you."

A Scottish Mother.

"Now tell me," said the inspector, "who was the mother of our great Scottish hero, Robert Bruce?"

He pointed to the top boy and then around the class. There was no answer. Then at last the heart of the teacher leaped with joy. The boy who was standing at the very foot had held up his hand.

"Well, my boy," said the inspector encouragingly, "who was she?"

"Please, sir, Mrs. Bruce."

Lucky Beatrice.

Dolly was telling the next door little girl all about it.

"My sister Beatrice is awfully lucky."

"Why?"

"She went to a party last night where they played a game in which the men either had to kiss a girl or pay a forfeit of a box of chocolates."

"Well, how was Beatrice lucky?"

"She came home with thirteen boxes of chocolates."

The more you leave things to chance, the less chance there is for you.

DANDERINE

Stops Hair Coming Out; Thickens, Beautifies.

35-cents buys a bottle of "Danderine" at any drug store. After one application you can not find a particle of dandruff or a falling hair. Besides, every hair shows new life, vigor, brightness, more color and abundance.

America's Pioneer Dog Remedies

Book on DOG DISEASES and How to Feed Mailed Free to any Address by the Author. H. Clay Glover Co., Inc. 118 West 31st Street New York, U.S.A.

COARSE SALT LAND SALT

Bulk Carlots

TORONTO SALT WORKS

C. J. CLIFF - TORONTO

HAMILTON WOMAN ADVISES MOTHERS

SAYS HER TWO DAUGHTERS NOW PICTURES OF HEALTH.

Feels It Duty to Tell Others How Tanlac Brought Happiness to Her Home.

"My two daughters have been so wonderfully built up and made so strong and healthy by taking Tanlac I just feel it is my duty to let other mothers know about my experience," said Mrs. Arthur Sellman, 134 Ferguson Ave., North Hamilton, Ont.

"My oldest daughter, Amy, was in a run-down condition for three years. She had a very poor appetite and what little she did eat seemed to do her more harm than good. She was pale, weak and easily tired. Three bottles of Tanlac made her well and strong. Her appetite returned, her sleep became restful and her cheeks got rosy. In fact, she is the very picture of health.

"My daughter Ida's case was almost identical, except her condition wasn't quite as serious. Just two bottles put her in the best of health. Every time I look at my girls now and see them enjoying such splendid health, I realize what a blessing Tanlac has been to our home, and I feel it my duty to talk out and let people know about this grand medicine."

Tanlac is sold by leading druggists everywhere. Adv.

In the Bible the word "girl" occurs but once.

If Headachy, Bilious or Stomach is Bad, Take "Cascarets"

Get a 10-cent box now.

Furred Tongue, Bad Colds, Indigestion, Sallow Skin and miserable Headaches come from a torpid liver and clogged bowels, which cause your stomach to become filled with undigested food, which sours and ferments like garbage in a barrel. That's the first step to untold misery—indigestion, foul gases, bad breath, yellow skin, everything that is sickening. A Cascaret to-night will give your constipated bowels a thorough cleansing and straighten you out by morning. They work while you sleep. Millions of men and women take a Cascaret now and then to keep their stomach, liver and bowels regulated, and never know a miserable moment. Don't forget the children—their little insides need a good, gentle cleansing, too.

FACE DISFIGURED WITH PIMPLES

Itched and Burned. Scarcely Slept. Cuticura Heals.

"Pimples affected my face. They were large and always festered, and they were scattered all over my face. They afterwards turned into scales and when they fell off they left big marks until my face was disfigured. They itched and burned so that I scarcely slept at all.

"I had been bothered for nearly two months before I started using Cuticura, and after I had used three boxes of Cuticura Ointment with the Cuticura Soap I was completely healed." (Signed) Miss L. Burns, St. Basile, Que., June 6, 1916.

Use Cuticura Soap, Ointment and Talcum for all toilet purposes.

Soap 25c, Ointment 25 and 50c. Sold throughout the Dominion. Canadian Depot: Lymans, Limited, St. Paul St., Montreal. Cuticura Soap shaves without mug.

Genuine

BAYER

ASPIRIN

Never say "Aspirin" without saying "Bayer."

WARNING! Unless you see name "Bayer" on tablets, you are not getting Aspirin at all. Why take chances?

Accept only an "unbroken package" of "Bayer Tablets of Aspirin," which contains directions and dose worked out by physicians during 21 years and proved safe by millions for

Colds	Headache	Rheumatism
Toothache	Neuralgia	Neuritis
Earache	Lumbago	Pain, Pain

Handy tin boxes of 12 tablets—Bottles of 24 and 100—All Druggists.

Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monoaceticacidester of Salicylicacid. While it is well known that Aspirin means Bayer manufacture, to assist the public against imitations, the Tablets of Bayer Company will be stamped with their general trade mark, the "Bayer Cross."