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Have your Watch Repaired here in St. George by

Geo. C. McCallum

Have also on hand a stock of brooches, stick pins, lockets, rings, bracelets, watches, chains, charms, etc., which I will sell at a great discount.

We would be pleased to bear you visit our

Drug Store when in Eastport from the Ceylon gardens

It is grown and treated wifh science

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Local Salesman Wanted

for St. George

and adjoining country to represent

CANADA'S GREATEST NURSERIES

Special list of Hardy Tested varieties,

thoroughly adepted for New Brunswick planting. Large and small fruits; orna-mentals. Shrubs, vines, Roses, bulbs

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Fonthill Nurseries (Över 800 acres)

TORONTO, CANADA

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Write for particulars.

No Theories

We carry everything usually It costs something because it is

### PALMER BROS

found at a first class

pharmacy

W. C. PURVES,

To Enjoy Good Health, DRINK

## Old Homestead Ginger Beer and Club Brand Soda

Use Valentine's Flavoring Extracts

THE INTERNATIONAL DRUG CO., Sr. Stephen, N. B.

### The Leader Pneumatic Water Work System

The Latest Improvement in water systems for Private Res- or girls tell me the shape of the earth? idences. Water is kept in Cellar and delivered to 'an Part of the house.

### Agents for BOYD BROS. Agents for Charlotte County

Sample Outfit Installed in Boyd's Hotel. Intending purchasers are especially invited to call and inspect. System Installed in any part of the County.

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We will deliver and part of St. John and Charlotte Counties. Write for prices and designs. IMPORTER AND DEALER IN

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> DR. E. M. WILSON DENTIST

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**Contractors and Builders** ESTIMATES FURNISHED

Lewin, LAW OFFICE, Canada Permanent Building,

St. John, N. B.

## Wing Hem, Laundry,

#### Seemed to Vary

A country schoolmaster was coaching s pupils for the yearly examination by the clergymen of the district. He had before him the junior geography class. "Can any little boy or girl tell me what is the shape of the earth?" To this there was no answer.

"I will give you something to remind you. What is the shape of this snuff-"Square sir," replied all.

"Yes, but on Sunday, when I change my clothes, I change my snuffbox and carry a round one. Will you remember

"Oh, yes," was the reply. Fxamination day came and the junior geography clars was called.

"Fine class," said one of the clergymen. " Can any one of the little boys "Round on Sunday and square all the rest of the week," was the reply by one of the boys .--- Exchange.

One in Seven Called by Consump-

A dreadful plague indeed when you consider that in incipient stages it can be cured. Take care of the little cold before it becomes a big one. When the throat is sore and it hurts to expand your chest, rub in Nerviline and immediately apply one of Polson's Nerviline Porous Plasters Pain and tightness are at once relieved. Inflammation and soreness gradually disappear and fatal illness is thus avoid-ed. Nerviline Plasters act as a counter irritant over the seat of pain, and as an exterior application in curing colds in the muscles, in pleurisy and headaches they have no equal. Keep these remedies right in your home.

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A. & M. J. WILSON, Proprietors. Favorite Hotel for winter port employees
Private Boarders on Reasonable Terms
Modern Improvements.
Hotel for Summer Tourists; near the
Favorite Bathing Beaches. Heated
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ST. GEORGE, N. B. Rooms in Connection.

### Dr. Shoop's Cough Cure

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ular Weekly is wel= come in every Home

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**Greetings Publish**ing Company Limited

### The Scientific Aspect of

BY W. J. MURRAY

life at 170,000 to 200,000 people, ly great sacrifice of human life. First-Class Livery and Sample and it is much to be feared that the When an earthquake occurs under

feelings and their interests.

with the fact of the great body of mon in volcanic regions.

atories. But none of our experiments sometimes in large quantities. As it can tell us whether, under pressure of the square inch thousands of tons on the square inch, the water is corverted into steam. the application of any heat whatever The steam finds violent vent in an We are prepared to give a into liquids. It is, therefore, doubtclass of work that is artistic ful whether the terms solids and in the lava, which in turn is forced understand them, to materials forming the interior of the earth. As to of a great body of elastic val

And we will give it to the immediate cause of earthquakes, which expanding and seeking an ou must be gradually shrinking. No doubt the diminution of the is lava.

earth's diameter from this cause must Lava is largely composed of silica

placement of the rocks in these shifts tion. may be actually small, yet the pres- Both earthquakes and volcanoes Subscription: One may correspond with a very great ter- less ages past, but their duration must

> in the rocks in each side of a crack thousands of years hence. or fissure at, say, a depth of ten miles, The present inherit and dead con-Even a slight displacement of one ex- activity, points unmistakably to tensive surface over another, the sides fate that sooner or later awaits being pressed together with a force of earth of ours.

thirty-five tons to the square inch, Earthquakes and Volcanoes would be an operation accompanie by violence greatly exceeding that The dreadful matural tragedy en which we might expect from so small

acted at the extreme south of Italy a displacement, if the forces conce and the eastern coast of Sicily cannot ed had been only of more ordinery fail to awaken the heartfelt sympathy magnitude. It can be readily under-Victoria Hotel Co, Ltd, Proprietors. of the whole world for the ill-fated stood that these violent movements ictims of probably one of, if not the under the surface of the earth must most appallingly destructive earth- cause great changes and commotion quakes in the annals of seismic dis- over-ground, resulting in the wholeturbances throughout the world. The sale destruction of houses, villages, latest accounts estimate the loss of and even large cities, and infrequent-

total number when fully ascertained the floor of the sea, at a great distance may turn out in excess of these figures. from land, it does little harm; but We surely have here the evidence when it happens near the shore, as it that in the play of cosmic forces did a few days ago, on the coast of nature recks little of consequences. Southern Italy, it causes great dam-Cough Caution | nature recks little of consequences. | Southern Italy, it causes great damof the straits of Messina has as little turbance occurs under the bed of the nterest for the universe at large as sea, the waters above it become upthe destruction of a microscopic in- lifted, and the shock spreads outfusorium or of the smallest bacillus. wardly. As the waves approach the Both events happen through the op- shore, the friction or drag on the sea eration of a mechanical necessity bottom decreases their speed, but which throughout nature takes no greatly increases their height. On a cognizance of sentient beings, their low-lying coast such waves (usually miscalled "tidal waves") are generally That from the human point of view very destructive, which is unfortunateearthquakes are ah evil, goes without ly verified in the Italian disasters. saying; and the worst of it is that it Both earthquakes and volcanoes are s quite impossible to prevent them, more frequently found near the sea and almost equally impossible to coast than Inland. In the United

States, earthquakes are most common Earthquakes and volcanoes, while in California. There appears to be a different in their localities and modes seismic zone encircling the world in of manifestation, are undoubtedly due which earthquakes are more numerous more or less to a common natural than elsewhere. It includes Central cause, viz., the gradual cooling, and America, West Indies, Azores, Italy, consequent shrinking or contracting, Persia, Afghanistan, Tibet, Japan, of the earth's crust, taken together and Hawaii. Earthquakes are com-

ntense heat in the interior of the Volcanoes are caused in the maine earth. A very high temperature must by the same conditions and influences exist at a depth of even a small fracthat give rise to earthquakes. But tion of the earth's radius. At the they are different in their manifesta depth of say twenty miles, the heat is tion. Volcano eruptions are caused so great that the most refactory solids by leakage or percolation of water whether minerals or metals, would at through cracks or crevices of the once yield if they could be subjected earth or rocks in varying quantities—

This internal heat causes evolut there is considerable difference of let where there is less resistance, opinion, as is always the case where shows itself in upheavals and explosive a natural problem presents itself for eruptions. The body of yapor sup solution outside the domain of what posed to be derived from superficial are termed the exact sciences. In all masses of earth becomes hydrated, or probability, an earthquake is one of combined with water. Such action, the necessary consequences of the as well as the presence of molten rock gradual cooling of the earth. As the known as lava, is accounted for by terrestrial heat is gradually declining vast internal displacements, bringing through its radiation out into space, the inner crust with its high temperit follows that the bulk of the earth ature nearer the surface. A great portion of the material thus upheaved

be small, even in a long period of and silicates; those containing a retime. But the shrinking is neverthellatively small percentage of silicia less continually in operation, and ac- being called basic, and those containcordingly the crust of the earth has ing considerable silicia, acid. The from time to time to accommodate acid variety of lava is lighter. Someitself to the fact that the whole globe times it does not move from the lava is slowly but surely getting smaller. vent, and when it does it generally It follows from these considerations proceeds a short distance only, that the rocks forming the earth's solidifying into a thick mass. The crust over the surface of continents, basic is much more liquid, and covers islands, and under the beds of the the slopes of the mountains or forms ocean, must have a declining acreage a lake on the adjacent plains. At year after year. So that of necessity the surface the lava is torn apart by the rocks must compress either con- the steam, the fragments being hurltinuously or occasionally; and their ed high in the air. The fragments yielding will usually take place in are known as cinders, and when finer regions where the earth's crust hap- as ashes, There are also numerous "Greetings" the pop= pens to have least power of resistance. accessory phenomena, such as earthand usually are irregular, with small turbances, and acoustic manifestasuccessive shifts; and though the dis-

sures which the rocks are subjected have been inseparably bound up with to are so great that a very small shift the evolution of our planet for counthave its limit, although that limit Suppose that there is a slight shift may be tens and even hundreds of

where the pressure would be about dition of our satellite—the moonthirty-five tons to the square inch. once the center of great volcan