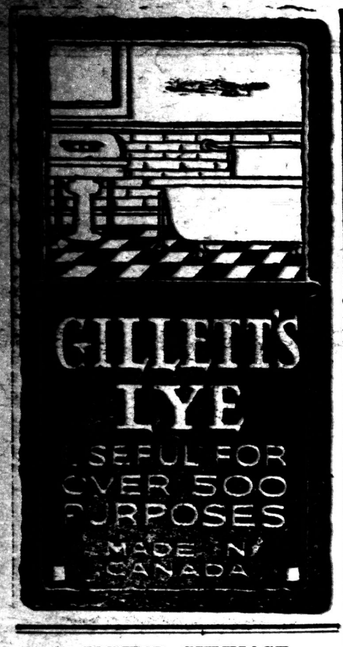


A CLEVER GYMNAST.

Some Exploits of the Zebra Spider—A Noted Hunter.

Most of us are acquainted with the tiny zebra spider that careers about the heritage with such amazing agility. He is a winner par excellence, and quite puts to the blush his long-legged cousin that wanders over the dry moorland floor, has legs always, as it were, in his way, and ever aimlessly seeking for the land of nowhere. Doubtless his eyes being fixed in the middle of his back accounts for his ineptitude. He is also quite notorious for the fact that he himself is a veritable quarry, the hunter in this instance being secure in his immobility. The brilliant scarlet dots on him are not part of his own autogeny; they are sin-fagged parasites which even his immense legs are unable to brush off. One virtue accredited to him deserves mention, for more than one local weather-prophet swears by the "ettercap." And they are rarely far out either.

My favorite of the spider tribe, however, is one that has given me much cogitation. He seems quite too clever, for he apparently eludes the force of gravitation. This is the zebra spider, a famous jumper. His gymnastic feats are not limited to solid earth, but take place caught one the other day, I took the on walls and ceilings or, indeed, anywhere upside down or vertical. Having opportunity to find out if his wonderful powers were understandable to us, so I put him under a glass bell, and gave him a fairly long fast. In the interval I had a good look at him. He is "spotted like a pard," the greyish markings resolving themselves under a lens to aggregations of oblong scales on his black body.

Over all he has a "three" hairness that is quite fearsome; and the manner in which he clashes his pedipalps, or hands together must prove very annoying to his enemies. Later he finds these appendages of great use, for after a meal he continually touches up his whiskers with them. Indeed, they are so flexible and gristly and so weel furnished with brusses that it migh well be supposed that that is their primary purpose, for they are of no military use whatever, however, fearsome they may look. The time appearing propitious for my experiment of spider versus gravitation, I placed a fly on the ceiling of the bell-jar. Very soon he saw her; approaching nearer and nearer with movements that vividly recalled the stalking of a bird by a cat. Both being upside down I was quite sure he would never manage it.

However, I was so intent on watching the attitude of the hunter and hunted that I omitted to observe a very important happening, indeed, the very thing that would explain what I wanted to know. In due time, doubtless when his fixed fetus eyes—he has four by-the-by synochronised with his leaping powers, he made his terrible leap. Instantly both were struggling in the air, suspended by a thread. This then, was the secret. He was—and this was what I did not notice—anchoring himself safely with a life-line before the attack. This holding firm, all the rest of the struggle took place in mid-air. Then, with his fangs in the fly's neck, he regained the firm foothold.

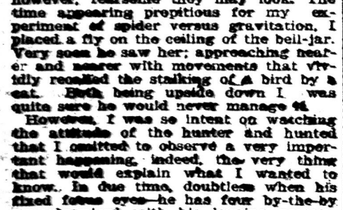
It was only then that I saw how, every few paces, the spinnerets attached the invisible thread to the glass so that no risks might be run. I could see the spinnerets perform the action; the thread I could not see, even under a powerful lens, so fine was it, yet so efficient, that it bore the weight of the struggling combatants immediately it was spun. On a horizontal surface this anchoring line would only be a hinderance, so that he must exercise a certain judgement in his procedure, measuring, as it were, all the risks involved in the audacious leap into the air. He rarely misses once he gets into striking distance. This, however, is always just his difficulty.—The Scotsman.

Minard's Liniment Cures Distemper.

Will Grow Hotter.

According to an English scientist's theory, if the radium in the interior of the earth equals in quantity that grow hotter in time instead of colder. In the surface rocks, the world will

Dr. Martel's Female Pills
For Womens Ailments



A scientifically prepared remedy of proven merit, recommended by physicians. Sold for nearly half a century in Patented Tin Hinge Cover Boxes, with Signature "Louis Martel" on every box. Accept no other. At your druggists, or by mail. Address, Lyman Sons & Co., Ltd., Toronto, Can. Wholesale Agents for Martel's Pills in our Canadian territory are the Wholesale Druggists, Lyman Sons & Co., Ltd., Toronto, Can. Manufacturers of price 50c.

Lachute, Que., 25th Sept., 1908.

Minard's Liniment Co., Limited.

Gentlemen,—Ever since coming home from the Boer war I have been bothered with running fever sores on my legs. I tried many salves and liniments; also doctored continuously for the blood, but got no permanent relief, till last winter when mother got me to try MINARD'S LINIMENT, the effect of which was almost magical. Two bottles completely cured me and I have worked every working day since.

Yours gratefully,

JOHN WALSH.

A HEROIC DEED.

British Officer Risked His Life for Foe.

Valor and glory shine brightest when we behold them in sakrifices such as that of Gen. John Gough, V. C., who went from his place of safety far down the line to take comforts to his old regiment, and was killed while on his mission of mercy.

If where a high officer sacrifices himself for his men is glorious, what shall we say of the deed of a British officer who offered himself to save his foe? During an attempted daylight raid on the part of the Germans, they were held up by a withering machine gun fire and retired with great loss to their own trenches. One poor Hun, who was terribly wounded, was impaled upon his own wire, and he hung there writhing in agony in the eyes of both armies. Finally the sight of his suffering and his cries for help were too much for an English officer in the trenches opposite. Vaulting over the parapet, he walked boldly across No Man's Land in the direct face of the foe, and, lifting his wounded enemy from the impaling wire, he carried him across the Hun parapet and down into his own trenches. When he arrived there a German officer took an iron cross which he wore off his own breast and placed it on the breast of the brave British officer. The firing on both sides ceased while he returned to his own trenches. After looking on, both friend and foe alike knew that they had beheld the highest form of glory. —Capt. Arthur Hunt Chute in Leslie's.

SUMMER COMPLAINTS KILL LITTLE ONES

At the first sign of illness during the hot weather give the little one Baby's Own Tablets or in a few hours he may be beyond aid. These Tablets will prevent summer complaints if given occasionally to the well child and will promptly relieve these troubles if they come on suddenly. Baby's Own Tablets should always be kept in every home where there are young children. There is no other medicine as good and the mother has the guarantee of a government analyst that they are absolutely safe. The Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams Medicine Co., Brockville, Ont.

THE EARTH'S AGE.

Experiments On Certain Micas Have Given a Clue.

Certain colored minerals, in particular certain micas, when examined microscopically, present dark stains in the form of a disk. At the centre of each stain is a little crystal, usually a crystal of zircon, which has been included at the moment of formation of the mica. The explanation of those dark stains is to be found in the fact that the zircons are strongly radio-active. The radio-active crystals stain the mica in the same way as they color glass, etc. But the X-rays emitted by different radio-active substances have not all the same penetrating power, and for that reason the mica stains are usually darkest at the centre. If they are old enough, says The Scientific American, the stain is uniformly dark, as even the few rays which reach the outer part have had time to completely stain it.

Experiments were made by Joly and Rutherford to determine experimentally the number of X-rays required to produce a given stain in mica. Measurements were made on the halos or stains so produced and they were compared with those produced naturally by the zircon crystals. The amount of uranium present in the crystal was evaluated and the number of X-rays necessary to produce the natural stain permitted one to ascertain the amount of uranium which must have disintegrated since the origin of the mineral.

The theory of radio-active transformations then leads very simply to an expression for the age of the halo. The numbers obtained oscillated between 470,000,000 and 20,000,000 years, which is in fair agreement with the determinations of the age of rocks, although they differ from the results which have been deduced from the quantity of salt contained in the oceans.

Catarrhal Deafness Cannot Be Cured

by local applications as they cannot reach the diseased portion of the ear. There is only one way to cure Catarrhal Deafness, and that is by a constitutional remedy. HALL'S CATARRH MEDICINE acts through the Blood on the Mucous Surfaces of the System. Catarrhal Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube is inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed. Deafness is the result. Unless the inflammation can be reduced and this tube restored to its normal condition, hearing may be destroyed forever. Many cases of Deafness are caused by Catarrh, which is an inflamed condition of the Mucous Surfaces.

ONE HUNDRED DOLLARS for any case of Catarrhal Deafness that cannot be cured by HALL'S CATARRH MEDICINE.

All Druggists 75c. Circulars free.

F. J. Cheney & Co., Toledo, Ohio.

Husband Alleges Deception.

A California man testifies in the divorce court that when he was courting his wife she always met him at the front door with a kitchen apron on, leading him to believe she was domestic in her taste, and after he married he learned to his dismay that she had never even learned how to boil an egg, and that she gave him the alternative of boarding or clearing out.—Houston Post.

THE MAIN THING.

"My poor man," said the sympathetic prison visitor. "Do let me send you some cake."

"Thank you, mum. Dat would suit me fine."

"What kind would you prefer?"

"Any kind, mum," said the prisoner, lowering his voice to a whisper, "just so it's got a file in it."—Birmingham Age-Herald.

Minard's Liniment Cures Colds, Etc.

CUTICURA HEALS PIMPLES

In terrible rash on face which made skin sore and inflamed. Irritated face by scratching and was disfigured. Could not sleep well and made feel unpleasant. Trouble lasted 2 months before used Cuticura and, after using 2 cakes of Soap and 1 box of Ointment was completely healed.

From signed statement of Miss Gladys Neabel, R. R. 3, Brussels, Ont.

Cuticura Soap, Ointment and Talcum promote and maintain skin purity, skin comfort and skin health often when all else fails.

For free sample each of Cuticura Soap, Ointment and Talcum, address post-card: "Cuticura, Dept. A, Boston, U. S. A." Sold everywhere.

KORAN IN TURKISH.

Many People Think Turkish is Present Language—Arabic is Used

Nine out of ten foreigners in Constantinople usually think of the Koran as being written in the Turkish language, while as a matter of fact it is written in Arabic and in Arabic characters. The Turkish language, strange as it may seem, has no characters of its own, and Turkish books are usually printed with Arabic or Greek characters. Hence the excitement in religious circles here on the appearance of the Koran for the first time in the Turkish vernacular.

The translation has been done by Ibrahim Bey Hilmy, a learned Oriental, who, by giving Turks an opportunity of expressing their religious sentiments in their own mother tongue, will doubtless be suitably rewarded by both church and state.

Most Moslems hold that no religious services are valid unless said in Arabic, the sacred language of the Koran, and thus we have shieks and preachers in India, Persia, China and Afghanistan learning texts of the Koran by heart, without always understanding the meaning of the sounds they produce.

The Sheik-ul-Islam at Constantinople has heretofore prohibited the publication of the Koran in the vernacular on the plea that, since no translator could strictly conform to the original, he would be sure to make mistakes, and these mistakes would be sacrilege. In this the sheik has usually been supported by the Prime Minister, and the young Turks, who, in spite of the liberal ideas on religion that some of them are known to entertain, cannot go against popular feeling on so important a matter. But it seems that Ibrahim Bey Hilmy, who is master of both Arabic and Turkish, to say nothing of Persian, Hebrew and Greek, has produced a translation which the leaders of Islam by a majority applaud. Thus it is that the sacred traditions of centuries is broken.

INCONVENIENT.

The honeymoon had waned, and the young bride felt the difference.

"You used to love to hold my hand, George," she said pathetically one evening.

"I love to now," George answered calmly, without looking up from his newspaper, "but it would keep you from your housework, dear!"—Answers, London.

MURDERED.

Put right out of business, a whole family of corns by Putnam's Corn Extractor, which cures corns and warts in one day. No pain or sore if "Putnam's" is used. Refuse substitutes, 25c per bottle at all dealers.

ELECTRICITY.

And the Terms Energy, Pressure, Intensity and Quantity.

What is electricity?

The question was put directly to Dr. Charles Proteus Steinmetz, the famous expert, in the hope that he—than whom no one knows more about it—might be able if not to tell what it is, at least to give a definite idea of what it may me. Dr. Steinmetz replied:

"Electricity is a loose term, used miscellaneously in referring to all matters electrical.

"To give it definite meaning one must know whether reference is made to electrical energy, electrical pressure, electrical intensity or electrical quantity.

"Electrical quantity (represented in the electrical current) is generally assumed by scientists to be a substance with atomical structur, the unit of which is the electron.

"Electrical pressure is meant in referring to the voltage. Electrical intensity is the voltage per unit lengths.

"Magnetism is a similar term, which does not mean anything to the scientist. Two pieces of steel may have exactly the same structure as far as science can determine, and yet one may contain magnetic quantity and the other be without it, or the two may contain the same amount of magnetic quantity, and have different magnetic intensity. Quantity times intensity equals energy.

"There may be the same quantity of water in two pipes and different pressure, or there may be the same pressure and different quantity. If water, the liquid, water pressure and water power were all loosely called water we should have the same confusion that the words electricity and magnetism suggest to the scientist."

"Is there such a thing as electricity?" he was asked

"I cannot state positively that electrical quantity is a substance," Dr. Steinmetz replied, "or that there is such an atom as the electron. I say simply that is is the most commonly accepted theory."

GIRL AND JUDGE.

A venerable justice sat in the place of honor at a reception. As a young lady of dazzling charms walked past he exclaimed almost involuntarily:

"What a beautiful girl!"

The young woman overheard the justice's compliment, turned and gave him a radiant smile.

"What an excellent judge!" she said.

Minard's Liniment Cures Diphtheria.

Eskimo Kayak.

One of the oddest crafts ever seen near Provincetown, Mass., was the Eskimo kayak, in which Explorer Donald B. MacMillian paddled about. The kayak is a man's canoes and is built on a frame on which is stretched skin, water tight. It is handled with a double paddle, is decked over, and, with an expert in it, is one of the safest small craft known.

Such a Change

in feelings and looks! "After suffering pain, feeling nervous, dizzy, weak and dragged down by weaknesses of my sex—my eyes sunken, black circles and pale cheeks—I was restored to health by the Favorite Prescription of Dr. Pierce." So write many women. Changed too in looks, for after taking Dr. Pierce's Favorite Prescription the skin becomes clear, the eyes brighter, the cheeks plump.

Druggists sell it in tablets or liquid. It's a woman's best temperance tonic, made from wild roots.

HAMILTON, ONTARIO.—"Dr. Pierce's Favorite Prescription helped me greatly at the turn of life. I commenced to have heat flashes and dizzy spells and became nervous and run-down. These conditions very quickly left me after I commenced with the 'Favorite Prescription.' I took several bottles of it and truly believe that I owe my good health of to-day to the medicine I took and the care exercised at that trying time."—MRS. ROBERT SMITH, 64 Bay Street, S.

PURCHASERS OF LAND.

Why One Should Buy for Use and Not for Speculation.

It is human and natural that those who have land to sell should desire to obtain the best prices. Owning or selling land is not less legitimate than deal in any other commodity. Criticism of real estate owners and operators is often unfair and many men who are engaged in land dealings suffer from the odium drawn upon their profession by unscrupulous vendors. People, however, should blame themselves when they are deluded by improper speculative real estate operations.

It is in the interests of those who own land or those who represent the best type of real estate operator that the public should be educated to understand what should be avoided in dealings with land. During the past ten years, millions of dollars have been lost in real estate speculation. This has destroyed confidence in land investment, has increased municipal taxation and created incalculable hardship to small purchasers.

One of the fallicies which receives general acceptance is that there is no distinction between the ownership of property through borrowed money and the renting of property. Ownership of houses and land only possess the merit that is claimed for it when it is free or comparatively free of mortgage. When property is heavily mortgaged, the payment of interest is equivalent to paying rent and is often more burdensome and irksome than 50 foot lot. If, therefore, $400 is the payment of rent to a landlord.

The following facts should be considered by those contemplating the purchase of land for building:

1. If land is purchased for immediate use, a higher price can be paid for it than if purchased for future use. If held for future use, the cost of the lot will increase by reason of the taxes plus compound interest on the purchase price. To a purchaser of a lot costing $400 and held for six or seven years without being built on, the real cost will be about $800. If the purchaser proposes to hold land for six or seven years, he should only pay half the price he thinks he can afford to pay for a site for his home.

2. In the final analysis, the cost of land should be estimated to include the capital cost of local improvements, and these may be roughly estimated at $10 per foot frontage or $500 on a paid for a lot 50 feet wide, its real cost when improved for the purpose of a residence, will be $900. Thus, fully improved land at $18 a foot front is worth as much as unimproved land at $8 a feet front in a case where the local improvements are paid for and are of reasonably high quality.

3. A purchaser of a lot at $400 in 1919—to use exact figures—must estimate that the lot will cost $701 in 1924 and $963.50 in 1929, allowing compound interest at the rate of seven per cent and without any allowance for taxes, which should also be capitalized during these periods. Negotiable bonds paying 5½ to 6 per cent. are as good or better than money earning 7 per cent if tied up in real estate.

4. When land is unbuilt upon and is held for speculative purposes, it injures the person who wants to buy for immediate use, inasmuch as the price is increased to the latter by the competition of men who buy for speculation. Any one who speculates should take into account the fact that he is working against the interests of those who wish to buy for use.

RICHEST SOIL IN AMERICA

Crescent City, Florida.
June 26th, 1919.

Florida Land Owners' Association,
Crescent City, Fla.

Gentlemen:

Coming from St. Catharines, Ontario, Canada, which is in perhaps the best fruit and truck farming belt in the Provinces, naturally I was more or less sceptical of lands in any Southern States, but after looking over many tracts in Florida, it remained for me to see the lands you were offering, and I must say that they are the RICHEST LANDS I have ever seen. I would be pleased to have any Canadian write me for further verification of this statement and can honestly recommend not only your wonderful lands but the Association as a whole. The easy terms you offer makes it possible for practically any one to purchase and no one need hesitate about buying before they examine the lands as I know you will select only the best, and make a better selection than the purchaser would himself.

Wishing your Association much success I am,

Very truly yours,
David Beaver.

FLORIDA LAND OWNERS' ASSOCIATION, INC.
7 Prospect St.
Crescent City, - Florida, U.S.A.

WRITE FOR CATALOGUE.

A Constipation Cure Sold on Guarantee

Dr. Hamilton Says His Remedy Never Fails to Cure Quickly.

Mine is a marvellous remedy.

There are others, but not one possesses the peculiar merit so prominent in mine.

With my remedy I guarantee to cure constipation.

I also guarantee to prevent it.

My preparation, which is in pill form gives tone and regularity to the bowels that quickly rids the system of effete matter, accumulations of bile and other injurious results of costiveness.

I call my pills Dr. Hamilton's.

I am sure they are safe because composed of such health-giving vegetable extracts as Mandrake, Butternut, Hyoscamus and Dandelion.

My pills are not harsh or drastic. They cause no pain, no distress; they are prescribed by physicians because of their mildness and certainty to cure.

For women and children I know of no better medicine and headache, and can strongly recommend them in these troubles.

My personal guarantee stands behind every box of Dr. Hamilton's Pills; and this means much to you in selecting your remedy.

Every dealer sells Dr. Hamilton's Pills of Mandrake and Butternut 25c per box.

England's Literary Officeholders.

Among living English literary men who have taken the king's shilling are Edmund Gosse, librarian of the house of lords; W. W. Jacobs, who was in the postoffice; Sidney Webb, who was in the colonial office; Austin Dobson, who was at the board of trade, and Sir Sidney Colvin, who was, and Laurence Binyon, who is, an official at the British museum.—London Express.

Exactly.

The reason why more of us aren't notable may be seen by separating that word between the third and fourth letters.—Boston Transcript.

Minard's Liniment Cures Garget in Cows.

Send Your Cream
TO THE
Best Market in Canada

We supply cans and pay express. Cash weekly.
Write for cans now.
Don't let your biggest month go by without taking advantage of our prices.
Representatives wanted in every locality; write us.

H.N. CARR & CO., Ltd.
192 King St. East Hamilton, Ont

ISSUE NO. 39, 1919

PROPERTIES FOR SALE.

40 ACRES OF APPLE ORCHARD ON a 70-acre farm, young bearing trees; select varieties; situated on the beautiful Bay of Quinte, Prince Edward County. The finest apple belt in the province. Write for particulars, photo, etc. Address Box 27, Picton, Ont.

FARMS FOR SALE

63 ACRES — ADJOINING ONTARIO Agricultural College, Guelph; clay loam; bank barn, 2 silos, 2 dwellings, other buildings; one hundred and twenty-five per acre. Also two hundred acres, same district; excellent soil, all under cultivation, except twenty acres hardwood; bank barn seventy by ninety; hog pens, sheep pens; nine-roomed dwelling; seventy per acre. R. L. McKinnon, Box 29, Guelph.

LARGE NUMBER IMPROVED FARMS for about half cost of improvements, $600 and up; grows in abundance all kinds of vegetables; auto roads, flowing wells, schools, churches, fish, game; have farmed here 21 years; never had crop failure. J. Locking, Emo, Ont., Rainy River Valley.

MISCELLANEOUS

BUY YOUR OUT-OF-TOWN SUPPLIES with Dominion Express Money Orders. Five Dollars costs three cents.

AUTO OWNERS AND MECHANICS. Don't lose your tools. Stamp your name on every one and be insured against loss and theft; We will make for you a Stamp hand cut from tool steel, it will last a life time; send 25c for each letter of your name and 10c postage. If only your initials are required send $1.00. Crown Stamp & Die Works, Waterdown, Ontario.

HOME BUILDERS.

Write for Free Book of House Plans, and information telling how to save from two to four hundred dollars on your new home. Address, Halliday Company, 21 Jackson Street East, Hamilton, Ontario.

FOR SALE OR EXCHANGE.

HOUSE WITH EVERY CONVENIence in village of Grimsby. Steam heated, car stops at door. Would consider exchange for same or smaller place between Stoney Crook and Brantford. Apply, Box 368, Grimsby, Ont.

A Great Cataract.

What is set down as the greatest cataract in the world is on the Iguazu River, which partly separates Brazil and Argentina. The precipice over which the river plunges is 210 feet high, that of Niagara being 167 feet. The cataract is 13,123 feet wide, or about two and a half times as wide as Niagara. It is estimated that 100,000,000 tons of water passes over Niagara in an hour. A like estimate gives the falls of Iguazu 140,000,000 tons.

A French Wonder.

The police force of the Ninth Paris Arrondissement boasts a policeman named Costy, whose powers of calculation are attracting the attention of the scientific world. The moment he hears a spoken phrase he is able to tell the number of letters it contains. He takes no time for reflection and says he does not even need to think, the calculations being automatic.

BOYS FOR ADOPTION

The Hamilton Shelter of the Children's Aid Society has several fine little boys from five to ten years of age, which it desires to place in good homes for adoption.

Among the number is a fine little colored lad of twelve years.

A letter to Inspector Wyllie, 57 Hughson street south, Hamilton, or telephone Regent 289, will bring full information.

PLENTY OF WAR LEFT.

(Montreal Herald.)

The signing of the treaty between Germany and the allied and associated powers has brought peace to only one part of the world. Here are some of the conflicts still in progress:

The Poles are fighting the Russian Bolsheviki.

The Ukrainians also are at war with the Bolsheviki.

The Germans are fighting the Lithuanians, who themselves are at war with the Bolsheviki.

The Finns are fighting the Bolsheviki.

Civil war continues in Russia, where the Bolsheviki are hard pressed by their Russian enemies on several fronts.

The Hungarian communists are fighting the Czecho-Slovaks and the Roumanians.

The seizure of Smyrna by the allies has led to fighting between the Turks and the Greek forces of occupation.

On the northwestern frontier of India and Afghans are fighting the British.

China is again in the throes of a civil war.

Carranza is fighting Villa and other rebel leaders for the control of Mexico.

In Costa Rica the Tinoco Government has driven the rebels over the border into Nicaragua, and the latter country fearing an invasion, has appealed to the United States for protection.

Fads.

Satoire increasingly popular.

Striped plush for coat collars and cuffs.

Velvet ribbons threaded through sheer frocks.

Halt Sand Drifts With Grass