

## ANY DYSPEPTIC CAN GET WELL

By Taking "Fruit-a-lives" Says Capt. Swan

Life is very miserable to those who suffer with Indigestion, Dyspepsia, Sour Stomach and Biliousness. This letter from Captain Swan (one of the best known skippers on the Great Lakes) tells how to get quick relief from Stomach Trouble.

Mr. BURWELL, ONT., May 8th, 1913.

"A man has a poor chance of living and enjoying life when he cannot eat. That was what was wrong with me. Loss of appetite and indigestion was brought on by Constipation. I have had trouble with these diseases for years. I lost a great deal of flesh and suffered constantly. For the last couple of years, I have taken 'Fruit-a-lives' and have been so pleased with the results that I have recommended them on many occasions to friends and acquaintances. I am sure that 'Fruit-a-lives' have helped me greatly. By following the diet rules and taking 'Fruit-a-lives' according to directions, any person with Dyspepsia will get benefit."

H. SWAN

"Fruit-a-lives" are sold by all dealers at 50c. a box 6 for \$2.50, or trial size 25c. or sent postpaid on receipt of price by Fruit-a-lives Limited, Ottawa.

## BIRCHENOUGH FOUND GUILTY OF FORGERY

Montreal, Sept. 30.—James Birch-nough, real estate and financial agent, was found guilty of forgery by Judge Bazin in the Court of Special Sessions yesterday morning. The motion of Mr. N. K. Laflamme to have his client allowed out on five thousand dollars' bail until sentence is pronounced on October 6th, was taken on delibere until Thursday next. Birch-nough was taken to the cells, and later removed to Bordeaux jail.

### CHEQUE WAS ALTERED.

In rendering his judgment in the case, which has occupied the courts for over six months, Judge Bazin spoke in part as follows:

"Birch-nough is accused of having forged a cheque on a local bank. The forgery consists in the raising of the figures of the cheque. A cheque was signed by Birch-nough and there is no doubt but it was altered. The cheque was made out for \$54 and, after being accepted by the bank, it was raised to \$52,000. Was the alteration made by the accused? To prove forgery it would be necessary to have some corroboration of the evidence produced by the principal witness for the prosecution. Have we got that corroboration? I believe we have. The corroboration in a case of fraud is not necessarily that produced by another witness, it may also be the facts connected with the case."

### EVIDENCE CORROBORATED.

Judge Bazin held that the fact that Birch-nough had gone to Mrs. Sonne and offered her a cheque for \$52,000, and had then returned to his office, made out the cheque for \$54 and had it accepted, was corroboration of Mc-Birney's testimony that he had seen the cheque raised.

Men and women everywhere who are willing to work a few hours in their spare time for \$15 weekly. No experience required. Outfit free. The Co-Operative Union, Windsor, Ont.

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## INTERESTING DESCRIPTION OF A SUBMARINE BOAT

So much has been written concerning what the submarine, by a flight of imagination, may achieve, writes the naval correspondent of The London Morning Post, that most people are somewhat uncertain as to what the submarine actually is and does. To begin with, she is shaped like a cigar, and she carries a tower on her back. Inside the tubular steel hull, valves and tubes and pipes line the walls; aft, in a space so low that the engineers can hardly stand upright, are the internal combustion engines and the electric motors which drive the vessel when she is under water. Below the floor, or deck, of the inside of the hull are petrol and stores. Forward are the torpedo tubes. Amid ships there projects downwards from the ceiling a thick brass column ending in a brass cross-piece. This is the base of the periscope. When the boat is submerged and the officer desires to see what is going on above, he sets a hand on each arm of the cross-piece, which is level with his face, and rotates the column, while he looks into the mirror. In the mirror he beholds an image, little and bright, of a section of the sea and horizon, and by swinging it round he can scan the whole circle, reflected in the periscope above, which is the eye of the steel fish. Alongside the periscope is the upright steel ladder leading through two hatches to the deck of the conning tower, which is raised five or six feet above the top of the hull. It is about four feet in diameter and is protected by a breast-high rail lined with canvas. Here is the wheel, and here, when the vessel is running awash, stand the captain and the quartermaster. In fine weather those of the crew who are not required below, are grouped on the little half-deck below the conning tower, just above the steel hull itself. Officers and men are dressed in sea-boots, sweaters and rough clothing.

### WHAT SHE DOES.

The submarine running awash forges sullenly onwards with a heavy grinding noise, the water lifting and dripping from the gills which project on either side of her snout. Below, the hull is filled with the crashing of the furious engines cramped into the narrow tube of steel. The engineers squat placidly among the racing rods and pistons, in the thick atmosphere tainted with fumes. Should the seawater enter the hull and mix with petrol gas, the fatal chlorine gas is formed, and the crew are suffocated.

The method of the submarine is to cruise at economical speed, ten knots or less, on the surface, until she sights a hostile vessel. As she is so small she can see another vessel before the other vessel can see her. Then she sinks. The captain and the crew go below, the hatches are closed and the captain, swinging his weight upon the cross-piece from the periscope, his eye upon the mirror, gives his orders. The crew are lying along the sides, ready to turn valves on or off. The internal combustion engines are stopped and the propeller shaft is connected up to the electric motors. There is a sudden silence.

### THE CAPTAIN'S BUSINESS.

The process of submerging is a process in the brain of the captain. He has a mental picture of what each tank contains, and how much weight is driven out forward or aft at each order, and what will be the effect on the vessel. He communicates this process to the vessel itself. He must first dip her bows slightly, then her stern, then bows again, and so on. If he makes a mistake the submarine

may dive down and then all is done. The process is reflected in the brain of his lieutenant, who stands near by the captain. In ordinary vessels, if an officer faints or makes a mistake, there are a dozen people at hand who can put it right because they know what ought to be done. Not so in the submarine. The only person besides the captain who knows what is going on is his lieutenant, but the consequences of a mistake would follow so quickly that the lieutenant could not rectify it. Nor would he know in all probability that a mistake had been made until the consequences began. The men lying beside the valves know nothing except how to do what they are told. Nor is there any sensation of motion as the boat sinks. It seems to be as still as a drawing-room on shore.

### THE ATTACK.

The periscope, which is about the size of a saucer, remains about eighteen inches above the surface, and, viewed from the deck of a ship, all that is seen is a fitting pendant of white spray, as it cuts the waves, like a sea-bird's wing. In any loup it would be almost imperceptible at two or three hundred yards.

Upon approaching to attack the submarine sinks lower and submerges her periscope, so that her captiva, looking in the mirror, sees his little and bright picture washed out in green—the green of the water. And from above nothing is visible at all.

The submarine is now blind. She cannot see through water. But she can steer a course. Her captain has made his calculations before he submerged his periscope. And the range of a German torpedo is about three thousand yards at twenty-five to thirty knots. The submarine can fire her torpedoes, go about, presently rising until her periscope is above water, then herself continue beneath the surface until it is safe to rise, and like a whale, to breathe again.



An Englishman residing in Ottawa has received a letter, dated September 14th, from relatives in England, in the course of which the following passage occurs:

"The M—'s of G— had a German governess for the children. The police called at G— Castle a few days ago and asked to have her sent out for a walk, as they wished to search her room. This they did and found a number of bombs, etc., concealed in her trunks and about the room and they say other German governesses round Hereford have been found doing the same thing."

### A PROBLEM FOR THE EDITOR

It has been asked whether stepping on a man's corns gives provocation for swearing. Answer: Keep the toes clear of corns by using Putnam's Corn Extractor. It's the best. 25c. at all dealers.

## BIG SURPRISE TO MANY IN FREDERICTON

Local people are surprised at the QUICK results received from simple buckthorn bark, glycerine, etc., as mixed in Adler-ka, the German remedy which became famous by curing appendicitis. Mr. George Y. Diblee states that this simple remedy draws off such a surprising amount of old foul matter from the body that A SINGLE DOSE relieves sour stomach gas on the stomach and constipation INSTANTLY.

## VERANDAH STORIES

### THEORY AND PRACTICE.

His dear girl was waiting for him at the corner of the little lane that led past the duck pond to the glue factory.

They wandered down the lane, lost in a land of dreams and duckweed, until they reached the little stile, which was already occupied. So, still hand in hand, they wandered back again.

On through the night so soft and balmy, they strolled, until they arrived at her mother's gate.

"Oh," murmured he, "how I wish one could still do deeds of daring for one's lady love, my darling! How I should love to gallop into the arena, with your glove flaunting at my helmet, to fight, and, if necessary, die for you, my heart's desire! Ask me to do something for you, beloved!"

"Come inside," she whispered, "and play the mouth organ for me, dearest!"

"Alas, I cannot!" he answered. "It is the night of our cricket club committee meeting, and if I am late I shall be fined two-pence. I must go—good night, sweetheart!"—Philadelphia Ledger.

### CONFIRMING THE SCRIPTURE.

There is a negro Sunday School out on the south side where the little Rastuses and Gawdye Washingtons are being brought up to appreciate the treasure trove of the Scriptures.

The teacher was calling upon her little "scholars" for Bible verses, and, as was natural, each child tried to acquit himself with as little effort as possible.

"Well, Sammy, let us have your verse," said the teacher.

Sammy screwed up his face and repeated that very brief verse of the Bible, "Jesus Wept."

"Now, Rastus," the teacher went on, turning to the next youngster, "what verse of the Bible can you give?"

Rastus squirmed as if he had been sitting on a hot stove. Evidently his predecessor had stolen his thunder. But a quick decision must be made. Fate had cheated him out of "Jesus Wept." So he looked up at the teacher and said:

"He sho' did."—Chicago Herald.

### IF THE CHICKENS ARE THERE.

Sam Vickers, an old South Carolina negro, had helped himself to some of a white neighbor's chickens. The owner traced the theft to him, however, and brought him to account.

"Look here, Sam," he said, "I do not mind the loss of the chickens so much—I would have given you one if you had asked for it—but it pains me to see an old man like you commit a sin like that. What are you going to do at the judgment day, when we appear before the Lord, and those chickens are presented as evidence against you?"

"Yo' low dem chickens gwine be dar, Marse Henry?" the old man asked, while his coal black orbs rolled restlessly.

"They certainly will," came the firm and impressive reply.

"Den, ah gwine say, 'Is dese hyah yo' chickens, Marse Henry?' an' you'll say, 'Yas, an' ah'll say, 'All right, sah, yo' take 'em!'"—National Monthly.

Correspondents at the front or mangled in obscure places while the European conflict rages manage daily to get through the wary censors some little grimly humorous or tragic sidelights of the war. Here are the best that have come over the cables:



The Original and Only Genuine

Beware Of Imitations Sold on the Merits of Minard's Liniment

## MARVELOUS INSTINCT OF WILD ANIMALS

New Method of Study and Experimenting Used by Nature Students

The French possess a curious institution in the form of an institute of zoological psychology established in a farm near Paris. This station comprises meadows and barnyards, a pond, stocked with fish. Then, too, there are spacious buildings, including modern stables, a riding school, stalls for isolating animals under special observation, an aquarium and a laboratory. A dove-cote is placed upon the roof of the main building.

As evidencing the desire of the French naturalists to study the habits of living creatures under natural conditions, it may be mentioned that a complete diving apparatus has been provided in which observers may descend to the bottom of the pond. There they may remain for hours until the fish become accustomed to their presence, and follow their natural impulses in playing and feeding. The under-water student thus is enabled to note their habits at first hand.

The other extreme of observation is the construction of sheltered platforms in the branches of trees, where students sit throughout the night armed with electric flashlights to watch the doings of owls, bats and nocturnal insects.

It is reported by a scientist that an important conclusion reached by the students is that some animals possess a special sense whereby they can detect the presence of water even though they cannot see it. For instance with sheep and cattle when being driven across country.

In a place where the presence of water was wholly unexpected the Australian noted some curious facts. The leading animals suddenly would lift their heads and draw long breaths. Then they would abandon the beaten tracks and start running through the bush. Sometimes they would run for a mile and a half to two miles and could not be stopped by the drivers, their course invariably leading to a pond or spring hitherto unknown.

In France the experiments were made on a water rat. First its eyes were blinded by a bandage and then it was placed on a turntable, which was whirled round until all sense of direction must have been obliterated. Upon being released, without a moment's hesitation, it started directly for the pond, several hundred yards distant.

Frogs and toads were taken to a distance of three or four miles from water and liberated. It seemed to take them only a short time to find the water. One old blind toad showed the instinct in the same degree as the others.

Among the subjects of investigation is the sight of birds and the homing instincts of the carrier pigeon. Many members of the institution are inclined to consider this a phenomenon of far sight. They have been taking by triangulation the height to which birds soar and from that figuring out the radius of vision they attain.

### Prolific Cattle Tick

A male and a female tick hatched in April may by Oct. 15 give rise to 6,750,000,000 descendants, about half of which, being females, will lay about 1,500 more eggs apiece immediately or the following spring.

Take the cattleman's point of view: A thoroughly, although not exceptionally infested cow may carry several hundred thousand ticks at one time and, during one season, may be infested by four such broods. Now, 1,500 ticks, after having engorged themselves for three or four days, will weigh about a pound, this representing almost entirely the weight of the blood taken from the host. Thus the helpless beast may actually lose from 200 to 500 pounds of blood in a single season.

Little wonder that thousands of Southern calves never reach maturity; that the pitiful spectacle of valuable dairy or beef animals actually starving to death in the midst of rich nutritious pasture is not a nightmare, but a terribly frequent reality.—World's Work.

Friction of small steel balls polishes silverware in a new machine.

Typed Messages From Wire—Argentine telegraph companies are bringing into general use a system whereby messages are received automatically with printed type.

Moral: Keep Calm—Anger, fear and other forms of mental excitement, it has been learned, may stop digestion entirely and cause serious kidney diseases.

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448-11—Haines, Miss Annie A., res., 141 Carleton street.  
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