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> AUSTIN G. L. TRIBUTE, Editor and Proprietor

THE SAD STORY OF THE STRUGGLE FOR LIFE

is frequently revealed in these war times even in this well-to-do Province. Hard enough to be poor—still worse to be sick and poor.

The lot of the consumptive is a specially trying one. Only recently a family was discovered living in two small rooms over a store. At one time they had occupied a comfortable home but the father took sick and had to give up work. With the savings all gone, they were forced to sell the furniture to buy food. When the man was found to be a consumptive, this was the opportunity of the Muskoka Free Hospital to bring relief so that not only would the stricken husband have a winning chance for life, but more desirable still, the wife and children should be removed from danger of contracting the disease. Under skilful guidance the home was cleaned up and the family temporarily provided The lot of the consumptive is a speand the family temporarily provided for. It is now reported that the patient is doing well, with every chance of

This is the great work carried on by the Muskoka Free Hospital which is now appealing for help.

Contributions may be sent to W. J. Gage, Chairman, 84 Spadina Avenue, Toronto, or Geo. A. Reid, Secretary-Treasurer, 223 College St., Toronto.

MAKING OF MARGARINE

Two Firms Granted License Licenses to Import.

Two firms only, so far in Canada, have been licensed to manufacture oleomargarine. These are the Swift Canadian Company, Limited, and the Harris Abbatoir Company Limited, both of Toronto. But nearly three hundred licenses to import have been granted, the Food Controller announces. Many of these it is thought, may never be effective, because they were granted to persons living on the International border, who, presumably were under the impression that it would be advantageous to import direct from the United States in small quantities. This, however, is not likely to prove so economical in the long run, as the difficulties of securing for small parcels the official export certificate of importation in the country of manufacture of oleomargarine will probably more than outweigh the advantages accruing from their importa-

Numerous applications to manufacture were received at the office of the Veterinary Director General, whose department examined and regulated the issue of licenses. With the exception if the two large Toronto packing houses, none of the applicants, on investigation, could satisfy the department as to the sanitary conditions under which the of oleo could be carried out. In fact the clause in the order in council on this point is distinct and sets the highest possible standard of hygiene that experience in the United States and in the United Kingdom has shown to be necessary.

What Makes Business Success. "There is always a premium in busi-ness on the man who does his work ness on the man who does his work painstakingly," says J. O. Armour in the American Magazine, "with com-pleteness and finality. He is the man who will be trusted with more and more responsibility, up to the limit of

his capacity. The man who informs himself adequately about his firm, its methods, its policies and its products, who does his work so well that no one needs follow him up to patch the ragged edges, is on the safest, surest and shortest road to achievement."

Kept a Wasp as a Pet.

Wasps, which we are being in-structed to kill, are not generally regarded as companionable insects, but that, perhaps, is only because we cannot all be Lord Aveburys, says The Manchester Guardian.

The famous banker-entomologist once captured a wasp in the Pyrenees and succeeded in making it a pet. "I had no difficulty," he wrote, "in inducing her to feed on my hand, but at first she was shy and nervous. She kept her sting in constant readiness, and once or twice in the train, when the railway officials came for tickets and I had to hurry her back into the bottle, she stung me slightly—I think however. stung me slightly-I think, however,

entirely from fright.

"Gradually she became quite used to me, and when I took her on my she even allowed me to stroke her without any appearance of fear, and for months I never saw her sting."

After nine months this queer pet succumbed to the rigors of an English February, and now occupies a place in the British Museum.

KEEP YOUR HANDS CLEAN.

Wash Them Many Times a Day and

Use Plenty of Scap.
Scap or lather such as is used in shaving kills minute organisms of disease. Whenever a person's hands have touched anything unclean or a sore the hands should be instantly washed with soap and water, making a good lather. All day long we are brought in con tact with what is unclean. The street car strap, the doorknob-anything and everything touched by any one else-may hold the tiny organisms of a dead-

ly disease. Your unclean (infected) hands may cause the loss of your eyesight. The practice of rubbing the eyes with the fingers or hands endangers the sight. Typhoid fever and other serious diseases are carried from person to person through the medium of food which has been touched and prepared by unwashed hands. Washing the hands with plenty of soap and water always before cutting bread or cake or touching other foods would save hundreds of persons from illness and death

every year. One may feel almost sure that one's hands are clean all the time-they look as if they were-but science tells us they are not chemically clean and incapable of doing harm unless they are washed with soap or a disinfectant. So to be sure of doing no injury to yourself or any one else wash your hands with soap or a disinfectant before touching food or using them to brush dust from your eyes.

BELOW THE MOUNTAINS.

The Higher the Elevation the Lighter the Material Under It.

Researches of the United States coast and geodetic survey carried on in recent years prove beyond doubt that mountains are not held up by the rigidity or strength of the earth's materials, but by the fact that the materials under them (in the outer portion of the

earth) are lighter than normal. The higher the mountain or the plateau the lighter is the material under it. The principle is exactly the same as that which makes an iceberg float. The portion of the iceberg that is above water is held up by the large mass of ice—which has a density lower than that of water-in the submerged

portion of the berg.
So, in the case of the mountain, the portion above the general level is held up by the lighter material under the mountain, which extends down to a depth of about sixty miles. Although the mountain is held up or floated by a lighter material under it, the bottom of the ocean is depressed because the material under it to a depth of about sixty miles below sea level is heavier than normal.

What may be considered as the normal condition is that which obtains in the large river valleys and under the coastal plains.

Swiss Military System.
With a population of less than 5,000,000 Switzerland can put in the field an army of 500,000. How does the Alpine republic do it?

In the first place, every ablebodied male citizen serves. Those not ablebodied pay a military tax, graduated according to income, and there is no buying immunity from service. Training begins early, schoolboys from seven to fifteen years old spending from four to eight hours a week in compul-sory gymnastic drill and physical training without arms. In the summer comes work in the cadet corps, 100 to 200 hours, where marching, map reading, etc., are taught and also target practice with the rifle. The rifle used is a miniature of the regular army weap-

Euphemisms For Death.

"Decease" is now a regular form of word for death. But it began as a gentle euphemism, "decessus" (depar-ture) seeming much less harsh to the Romans than "mors." · All languages abound in euphemisms of the kind, which go back to a superstitious reluctance to mention death plainly that gradually passed into a kindly desire to soften the idea. "Passed away,"
"departed," "gone," "expire" (breathe
out), "no more," "demise" and even "the late" are expressions of this nature. Most striking of all is the Roman euphemism for "he is dead," "vixit" (he has lived).

Frilled Lizards.

Some lizards are able to walk on their hind legs, of which the most remarkable example is the frilled lizard of Australia, a powerful form, which attains a length of about three feet. Should danger threaten it scuttles off on its hind limbs with considerable speed for as far as thirty or forty feet in a half crouching attitude, with the fore limbs hanging down and the remarkable frill folded up.

Bad Memory.

Flatbush-You know he's awfully forgetful.

Bensonhurst-Really? "Oh, yes. Why, the day after he was married he tied a piece of cord around his finger so he would not for-

Ambition.

"Pa, what is ambition?" "Ambition, my boy, is that spirit which prompts a young man to work hard so that he can some day stop working hard.".

Unselfish. "He is always thinking of others,

isn't he?" "Yes; planning how he can get them do something for him."

YOUNG OLD MEN.

Mental Ability Not Always Dulled by the Passing Years.

A generation ago it was customary to talk of those who had reached forty as of mature age. A man of those years is now considered young, and at sixty or seventy can have a brilliant future still ahead.

That our forefathers had no such conceptions of relative youthfulness can easily be shown. The constitution provided that no one should be eligible for election to the senate at an earlier age than thirty-five, the reasons advanced being that such a restriction was necessary in order to keep the senate made up of grave and reverend seigniors-elder statesmen, who would not be blown about with every veering wind of political doctrine. Today there is not a senator who is just barely bevond the age limit, and the great majority do not come into senatorial honors short of fifty and fifty-five.

Alexander Hamilton was a sedate secretary of the treasury at thirty-two. The younger Pitt became prime minister, first lord of the treasury and chancellor of the exchequer of England at twenty-four. Washington spoke of retirement from active life to well earned rest and leisure for his remaining years when still but forty-six.

In recent times we have had no presidents young in years by the former standards, unless Roosevelt be classed as an exception in connection with his first term of service. Even the popular novelists have sensed the change, now making their successful business men of forty or thereabouts attractive to the heart of the female reader. This is admittedly an age of young men, as has been claimed, but they are still young anywhere on the sunny side of seventy, and many of the most efficient have passed the three score mark.-Thomas F. Logan in Leslie's.

SUBMARINE MINES.

Explosive Power of These Coast and

Not the least important weapon for defending our coasts and our harbors from the attacks of hostile warships is the submarine mine. Though it is perhaps the least ominous looking of naval defenses, if it is once hit by an invading warship its tremendous explosive power will sink the ship in less time than any other weapon could.

The shock of the striking vessel automatically explodes the mine, says the Popular Science Monthly, and the violently expanding gases from the powcrush in the hull of the ship in a twinkling.

Submarine mines are made of an outer casing of steel and an inner charge of high explosive. A separate chamber containing nothing but air gives the mine buoyancy. The mines are carried in small light draft boats to the positions previously mapped out. The boat simply drops the mines with their anchors overboard. When the cable is all paid out the buoyant mine will be floating about ten feet below

the water's surface.

The mines lying far outside of a harbor contain their ignition system within themselves. This may be a number of percussion pins placed all around the outside of the mine. When ship strikes one of these the heat of the impact ignites the powder instantly. Or an internal ignition system may employed. When a ship hits the mine it rolls it over. This releases an iron ball which is ordinarily held in a small cup in the center of the mine. The ball falls out of the cup and pulls upon a string, releasing a trigger and firing off the charge.

Varieties of Sables.

Next to the Barguzin sables the best are the Yakutsk, then the Nikolai and the Kamchatka. This last type of fur is much liked by Americans who cannot afford the imperial sable, for it is a big animal with heavy fur, but the color is very light. The Parisian lady who cannot buy a Barguzin sable usually prefers the Amur, which is small, but of a bluish color. Chinese sables have thin and light colored fur, and the Hudson Bay sable, a kind of pine marten, is hardly a satisfactory sub-

Spinach Paper.
According to a French horticulturist, M. de Noyer, spinach stems contain 46 per cent of cellulose. He claims to have actually made paper from the vegetable, following the methods of the Grenoble papermaking school. If the waste portions of spinach are used for this purpose he believes they will produce a most satisfactory writing paper, which will cost considerably less than the present high quality grades.-Popular Science Monthly.

Two Classes. "Now, children, what is the earth inhabited by?"

"Human beings." "Correct. And, Willie Stone, into what two grand divisions are all human beings digided?" "Regular people and boobs."

Social Error. "Mother, dear, what is economy?" "Ethel, where on earth did you pick up that vulgar expression? Don't ever let me hear you use it again."-St.

Louis Post-Dispatch. Oh, weakness and indecision of mind! If not yourselves vices, to how much of exquisite misery do you not some

times pave the way! Tea Chest Lining.

The Chinese use as an alloy for lining tea chests a metal foil consisting of 125 parts of lead and 18 parts of tin.

GOOD WORK DONE BY TRIBUNALS

Stastistics of Exemptions, Appeals, and Refusals in This District-Little Less Than Two Thousand Are Eligible.

Major R. E. Porter called upon the Exemption Tribunals in Military District, No. 3, on behalf of Lt.-Col. Street, district military representative of the Militia Department. Major Porter's especial object is to see that there is no misunderstanding on the part of the tribunals in regard to the exemption of those necessary for farm labor, and also to see that no advantage is taken of this safeguard.

Major Porter states that the work of the tribunals on the whole has been remarkably good. Blunders may have occurred here and there but on the whole the exemptions have been granted with wisdom and the judgments have been made with discretion and perfect fairness.

An interesting feature of the tribunal work gathered from Major Porter is that the so-called slacker element is very small. In nearly every case the man who finds himself down on the list of the first draft of men for overseas training smiles philosophically and says, "Well, I guess I have as much right to go as the other chaps," and that's all there is to it. In fact, Major Power says that after January 3 there will be no such word as slacker for the simple reason that the man who is not in khaki will either be ineligible or exempt, and will have the papers to show it. If anyone says, "Why are you not in khaki?" all he has to say is: "Go and ask the Government-they know!"

Killed Moose with .22.
Pembroke Osberver: C. W. Small agent for the Colonial Lumber Co., brought down from Deep River a couple of weeks ago, a story for the truth of which he vouches, but which through an oversight, did not find its way into print last week. It seems that two young men employed in Foreman Zadow's camp went out a few Sundays ago armed with a .22 rifle to hunt small game. In the course of their hunt, they encounter ed a herd of about a dozen moose, and the moose, showing a disposition to be ugly, the young men climbed into a tall tree. The moose rambled about, evidently anxious for trouble, and the men, from their elevated position, started shooting down at them with the small rifles. And they got results, two of the big animals being results, two of the big animals being reached in vulnerable spots by the bullets and being killed. To kill moose with a .22 rifle is a feat seldom if ever heard of, and the young men, who reached samp after the animals had moved away, were quite proud of their achievement. proud of their achievement.

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Full particulars from the Station Agent, Canadian Northern Railway.



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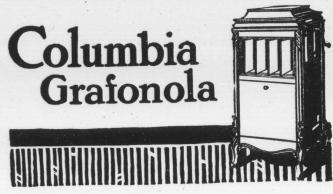
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