

HOW CHALK IS FORMED

(Rochester Chronicle.)

Every school child who so diligently takes up his piece of chalk to work his sums, would open his eyes wide with surprise if he were shown the chalk dustings from this same piece of chalk under the microscope.

He would see a great number of curiously shaped particles, some circular, some triangular, some square, and others polygonal. They are also of different colors; many blue, though the majority are white or cream colored, verging into yellow shades.

Each one of these tiny objects is the shell of either a foraminifera or a diatom, creatures which inhabit the seas in countless multitudes. The phosphorescence of the sea is caused by the shining of the under surface of their bodies. These exceedingly miniature creatures have the power of constructing their delicate homes out of the lime that collects in great bodies of water. Each shell is perforated with tiny holes and by means of these the foraminifera and diatoms work.

When they die they sink to the bottom of the ocean, but so extremely light and feathery are they that it takes thousands of years for them to reach the bottom. When they finally do settle at the bottom they form a white mud. In the course of geological ages there have been upheavals of the earth and it is from this white mud that the world gets its chalk cliffs. It is said to take from 30,000 to 50,000 years to form one inch of chalk.

WHEN A SHIP GIVES BATTLE

With Decks Clear of All Unnecessary Impedimenta, She Sweeps Into the Fray.

A ship clearing for action proceeds to rid decks of all unnecessary impedimenta. Everything that does not contribute to her efficiency as a fighting machine goes below or by the board, and she sweeps into the fray with but one object, and that to acquire herself valiantly.

Something of the same sort takes place when nations are concerned, only the process is necessarily slower and less drastic. It is one thing for the company of a ship, clearing for action, to throw a piano overboard. It is quite another thing for a nation clearing for action, to throw a non-productive member of society overboard. In the latter case the energies of the non-producer must be diverted to productive pursuits and all this, of course, takes time.

But Canada is rapidly clearing for the final action of the war. One of the most important steps in the process is the registration of every person, male and female, resident in Canada. For this purpose Saturday, 22nd June has been set aside by the Government and it is the duty of everyone to immediately inform himself as to what will be required of him on that day.

There's Many a Slip

"Now we are engaged," faltered the timid suitor, "I—I presume I may kiss you as much as I please, mayn't I?"

"Yes, dear," replied the girl sweetly "Make the best of the time you've got. One never knows how long an engagement will last in these days!"

TRAGIC DEATH IN A HOSPITAL

Montreal, June 20.—Cornelius Boon, a colored public patient at the Protestant Hospital for the Insane at Verdun, died at the infirmary yesterday from injuries received during a struggle with three attendants, who have been held by the Verdun police for the instant. It is claimed that Boon was trying to escape, and believing he had a knife he was attacked by the three attendants.

PAY SMALL HEED, SAYS GOMPERS

Minneapolis, June 20.—Samuel Gompers, president of the American Federation of Labor, addressing a mass meeting here last night, made an appeal to American people to pay small heed to German submarines, which "are bringing the war to the threshold of this country."

The Modern Cheese

Two brothers were being entertained by a rich friend. As ill luck would have it the talk drifted away from ordinary topics.

"Do you like Omar Khayyam?" thoughtlessly asked the host, trying to make conversation. The elder brother plunged heroically into the breach.

"Pretty well," he said, "but I prefer Chianti."

Nothing more was said on this subject until the brothers were on their way home.

"Bill," said the younger brother, breaking a painful silence, why can't you leave things that you don't understand to me? Omar Khayyam ain't a wine, you simp, it's a cheese."

FACE COVERED WITH PIMPLES

ASHAMED TO GO OUT

Many an otherwise beautiful and attractive face is sadly marred by unsightly pimples, blotches, flesh worms and various other blood diseases.

Their presence is a source of embarrassment to those afflicted as well as pain and regret to their friends. Many a cheek and brow cast in the mould of beauty have been sadly defaced, their attractiveness lost and their possessor rendered unhappy for years.

Why then, consent to rest under this cloud of embarrassment?

There is an effectual remedy for all these defects.

It is Burdock Blood Bitters. This remedy will drive out all the impurities from the blood and leave the complexion healthy and clear. Mrs. Katherine Henry, Port Sydney, Ont., writes: "Two years ago my face was so covered with pimples I was ashamed to go out at all. I tried several remedies, but they were of no use. At last a friend advised me to try Burdock Blood Bitters. I got a bottle, and by the time it was used I could see a difference. I then got two more, and when I had used them the pimples were completely gone. I can highly recommend B. B. B."

Manufactured only by The T. Milburn Co., Limited, Toronto, Ont.

YANKEE OFFICER CHARMED WITH RURAL PICARDY

Picturesque Old Homes and Friendly Barnyard Creatures Extend Warm Welcome.

(New York Sun)

The young American officer in France again is getting accustomed to wax flowers in glass cases, such as he used to see about his grandmothers house.

They are part of the decoration of the room assigned to him as a billet. He is ceasing to wonder at old French mirrors that would cost more at home than the house in which they hang in France. They also are to be found in billets in villages some distance back of the line. Then there are the French beds—built so high as to make a fall precarious, and topped by fat eiderdowns.

But as you draw nearer the front billets become scarcer and more barren. There's where officers and men hit the barns and the bare floors. That's in the reserve positions. You move up again and you may be in a cellar if there are no dugouts.

The villages occupied by the Americans in Picardy as they were moving into the line were the oldest the France-travelled fighters from home had seen. Some of the houses were tottering to an early fall.

The villages had not been shelled. The houses appeared to be tired and were sinking down to rest. The outer walls of some of them were of clay and straw. This apparently is an effective mixture, but it won't last long. Some of these houses had been up only 100 years or so.

No Stores Are Left

With the line only a short distance away many of the villages had been virtually evacuated by civilians. There were no stores. Nothing but places to sleep. In the farming villages the house in France is merely incidental to the farming establishment. The barns and living quarters form a hollow square. There is the barnyard, Ducks, geese, rabbits, chickens, dogs, horses—everything but human beings.

In looking for the press-billet in a certain village you might easily have made a mistake and have gone into a horse's stall close by, but it was a good horse.

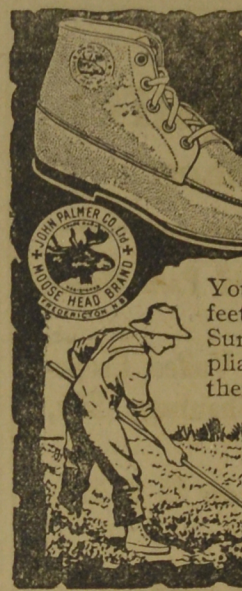
The geese insisted on wandering in so when it became evident they could not be repulsed an entente cordiale was affected. With the barn rat it wasn't possible to be so considerate. No one with an army mind having a rat or two running around the floor. But when the rat stops and starts to make a meal of the only pair of boots you have with you it has gone far enough.

But the American officer is welcome in the French village. The house wife not only will do her best to make him comfortable but all the animals join in the welcome. The barnyard rooster will pick a place just outside his window to crow about 4 a.m. Then the dog that he petted the night before will stick his nose in the window bark a couple of times just to make sure the visitor is awake, and beg to have his ears scratched again. All these things were done for a mere correspondent, so an officer is certain of as royal a welcome.

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Saturday, June 22nd

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REGISTER

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DON'T BE AN OFFENDER

The Court may hold you guilty if you are not registered by to-morrow night

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