MARINE SHIPS

oard These War Craft Is wence of Discomforts.

FOR THE NOVICE.

rom the Fumes of Gasoline y is Excruciating-Added When Caught In a Storm.

ne boats have been developpoint where they can cover d calm the submarines are are dressed down. of navigating the seas with

rst impressions received on deinto the hold of a submarine One is in too close proximity

hat one can almost feel its

f the men contract what is call- eral inches in diameter.

of time without suffering exenjoyment.

There are ten compressed air stone and fire hardened clay balls.—
supplied, and these furnish sufair to keep the crew alive a

many hours. did you ever live on compressed If not it will be a new sensation, ally if you are fifty feet below rface of the water. There is a sensation all over the body, nding of the eardrums and pos-

a sense of nausea. he air is automatically regulatm-the compressed air tanks one is share of the oxygen, but somethe supply may vary. It cerdoes in different parts of the One may be choking for lack of air in one part and be exhilarattoo abundant supply in anoth-

of the gasoline become so strong must be taken up on deck then to

whiff of fresh air. r this reason the batteries are only ged when above the water. But me of war it might be necessary harge them while running below. , tudeed, the man aboard the sube might envy the aerial naviflying above the sea with his dance of fresh air to breathe. oking under water is a pretty un-

ain and disagreeable work. The appliance for this purpose is a li electric heater. This is just it big enough to heat water to crew have their food cooked

e submarine is built on the prinof economizing space in every-There is no room for anything pt the actual necessities. Every of space is given over to maery. This is everywhere compact efficient, but multiplied so often one wonders what it is all for. re is machinery for running the lish. torpedoes and even for regulating

When caught in a storm in a subrine life is really not worth living.

onsists of a series of intense strug.

sible to reconcile the difference, he went off into a philosophical tantrum to prevent death by being batterd dynamos. If you survive the oral you conclude that it is not necesby to wait for war to deal to the survive the men on the jury? Witnesseekly.

power of vision above and below

"How are you makin' out?" asked than all of them put together.-Mil e Pullman porter.

"Well, I used to think I was doin' etty good," replied the other, "but ter seein' a train held up by a road ent the other day I feel a good deal think of that man's financial embar-rassment it makes me yearn to belp digettin' a revolver."—Washington

Modern Childre "How old are you. Elsie!
"Nine years."

"And you, Erm?" "I am twelve." Really twelve? You are wonderful-well preserved!"-Fliegende Blatter.

Actor-There was a thunder of ap-against us?-Puck. res you right! You shouldn't

TREE TRUNK CANNON.

Wonderful Wooden Hide Wound Guns of the Antilles.

The mention of wooden guns suggests a company of boy soldiers commanded by a captain who wears a tin sword. The revolutionary soldiers of Cuba, Haiti and the Dominican Republic, however, have from time to ravel. The most curious of all, howtime made cannon from trees and applied them to practical purposes. In the Antilles there grows a peculiar tree with a winding grain, so tenacious of fiber that to split it by ordinary means. is almost an impossibilty.

When wanted for artillery purposes the tree is felled, a section some five feet in length and one foot in diameter own power a radius of 800 is selected and cut, the bark is removeffective fighting trim. In ed. and uneven places on the surface

their inventors and construction rude trusses and a bore burned in ith a fleet of these vessels sta. it, a process that serves further still to the vicinity of any of our harden the wood. While the bore is ast cities it would be difficult being burned green ox hides are cut leships to get within effective into long strips by beginning in the tenter and working toward the outer edge as one would peel an apple.

When all is in readiness one end of of discomfort and suffoca. this rawhide band, which is about accommodations for a crew three inches in width, is spiked to the n seem about right for half a wooden cannon near the breech. A lever or bar is attached to the butt. ing machinery, too, to enjoy Two or three negroes grasp the arms of the bar and slowly turn the bollowsides are arranged electrical ed log on its supports. The band of and machinery to operate the green hide is kept under a strain, and d the torpedoes. A thin shell in this way the core of the cannon is separates the visitor from the wound with one of the toughest mas, and the outside water is so terials, wire excepted, in the world.

The first layer of bide is tightly wound to the muzzle of the growing under way on the surface the gun and back toward the breech ne bums and trembles. The again until a number of layers have of gasoline are almost suffocat. thus been wound on and the promishere is no escaping from them. ing piece of artillery has grown sev-

oline heart." If under water It is then placed in a draft of dry. g the fumes make one sick and bot air and allowed to barden. When the hardening and curing process is ovice cannot remain in a sub- complete the persevering inhabitants under water for any great bave a really serviceable weapon.

One of these homemade wood and ting torture. In time, however, rawhide cannon used during the last ts used to it, and a trip may be Cuban insurrection is said to have withstood 104 charges of powder beit is when the submarine dives fore becoming useless. The projectiles he most unpleasant symptoms for it were made of scrap iron, broken

REAL JAVA COFFEE.

You May Get a Cup Almost Any Place

Except In Java. It seems strange that in the far east, where tea and coffee come from, it is very difficult for the traveler in nearly all places in India, the Straits Settlements and elsewhere in the orient to procure a cup of really good tea or coffee. This, says Sir Frederic S. Isham, the novelist, although seemingly paradoxical, is only on a par with conditions in so many of our little American hamlets and villages where good butter, rich cream and good chickens for the residents are practing to charge the batteries the cally nonobtainable, all of them having been "sent to town."

the best hotel there say to the waiter: "If this," indicating the contents of a cup before him, "is tea, bring me coffee. If it is coffee, bring me tea." And the walter (an Eurasian), who had no sense of humor, took away the drink and phlegmatically brought some

thing else-equally bad, no doubt. So after India, Burma and the Malay peninsula we waited with bated breath for the coffee of Java. "Java coffee!" The excellence of it was a childhood tradition. The coffee "mother used to make" was compounded of real Java. In Java surely we should find a nectar a cup of coffee and nothing else. of the gods. What did we discover? casters! It would have made the gods III. Another Illusion gone!

Don't go to Java for real Java coffee. You may find it in Ypsilanti. Mich., or Paris, O., but you won't unearth it in Java-not for money.

Too Much For Him.

Voltaire could not speak much Eng The reason why he refused to t, for guiding it under water, for study the language is this: It was rolling it when it dives, for comsing the air tanks, for operating pronounced "plaig," which he thought very pretty and acceptable. But right on top of it he was introduced to "ague," which his teacher said must be called "a-gue." Finding it imposand dropped the study.

y to wait for war to find hades. It Yes, sir; more than haif of them with you all the time.—Harper's Lawyer-Are you willing to swear that you know more than baif of them? Witness-Say, if it comes to that, I'm willing to swear that I know more waukee Journal.

"There goes Roxham Every time 1

"Yes. He's got so much money be foesn't know what to do with it."-Catholic Standard and Times.

Political Leader-How does Bump stand? Henchman-All right, I guesa He belongs to the same political party as we do. Political Lender-Confound it! That's no sign. Is he with us or

About the Same Thing. eribbler-Can you suggest a simile giving advice? Scrawler-How

HE STOPPED SHORT.

Reason For the Peculiar Signature of the Hotel Register.

Many peculiar signatures in the course of a season find themselves upon the register of a hotel. There are foreign fists of all sorts in script that none but the Kytka could unever, was placed on the book only recently. It is this:

"Wm." Only that and nothing more! There is no surname, no address, nothing at all but just "Wm."

This is the way it happened: A well dressed man entered the ho tel the other day and followed his bags to the desk. The register was swung around into position for him and a pen handed him by the gentle-The embryo cannon is then placed manly desk clerk. Then, in a free, swinging hand, he wrote the accepted abbreviation of his first name, "Wm." As if a thought had suddenly occurred to him, he stopped writing and

> "What do you charge for a single room here by the day?" he asked. "Three, four, five and six dollars,"

answered the clerk. "Ain't you got no dollar rooms?" "No, we have no dollar rooms

Three, four, five and six." "Gosh!" he said, and he didn't look the part either. "This is no place for

me. Gimme my luggage." And he sneaked out of the hotel as one who had trodden on sacred ground. Which is why on the register today is the odd signature:

"Wm."-San Francisco Chronicle.

ERIN'S ANCIENT KINGS.

Untimely Death Was the Rule For Monarchs of Old Ireland.

'Tis ould Oireland can bate them all begorra, when it comes to talkin' of kings and coronations! For there was probably a king of Ireland when Noah was building his ark. There certainly was one in 1300 B. C. To be sure, though, Ireland's ancient monarchs mostly came to unhappy ends, either dying of the plague, being assassinated or killed in battle, says London An-

For instance, King Lughaidh, who reigned in the second century, was killed by being thrust through the eye with a spear during a conspiracy. His successor, Feargus, was assassinated by order of the next comer. Cormac-Ulfhada, who, however, was merely choked to death by a fish bone at supper.

the fate of very many Irish kings, but of Congal Cionmaghair, who died in 693, it is simply but eloquently rewas a "cruel persecutor of the Irish church." In 398 King Dathy was killed by a thunderbolt, while King Connor died of grief in 837. And one of the greatest of them all, the valiant Brian Boroihme, was assassinated in 1014 while at prayer after he had defeated the Danes at Clontarf.

It is hardly surprising to learn that four of Erin's kings resigned their crowns to become peaceful, cloistered monks.

Water Necessary For Crops.
A grass plant will in the course of a hot day exhale its own weight of water, and a young leaf of wheat or rye exposed to the sun may even exhale its own weight in an hour. Experiments summarized by Storer indicate that "more than 300 pounds of water pass through a plant and are transpired from its leaves for every pound of dry matter fixed or assimilated by the plant." In Wisconsin, King found mean amount of water used by the barley, oats, corn, clover, peas and potatoes in producing a ton of dry matter ranged from 270 tons for corn to 576 tons for clover, "the average for the six crops being nearly 450 tons, or four acre inches for each ton of dry matter." - Agricultural Department Year Book.

The Magnetic Needle. There are two places on the earth's surface where the magnetic needle must point due south. They are not easy places to reach. One is in the arctic regions north of the northern magnetic pole, on the line between that pole and the geographical north pole. The other is in the antarctic regions. south of the southern magnetic pole, on the line between that spot and the geographical south pole. In the first case the point of the needle is attracted to the northern magnetic pole. In the second case the other end of the needle is attracted to the southern magnetic pole.

Reasonable Fear. "John, is that you?"

"Yesh, Mary." "What in the world are you doing down there? Why don't you come up

"I'm afraid of gettin' burt on these darned revolvin' stairsh." - Chicago Record-Herald.

He (to second wife)-I am glad to be in this charming spot once more. She-I thought you were here on your bridal tour with your first wife. He-

waw the landscape.-Fliegende Blatter. No Free Hand Drawing. Son-Father, I've decided to become an artist. Have you any objection? Father-No. provided you don't draw on me.-Boston Transcript.

Yes, but I was so much in love I never

"What did the lady say when you told ber I was out?" "She smiled and said, 'Friday's ant always an unincky day."

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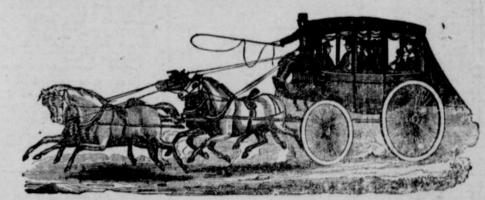
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