

LIFE IN A SUBMARINE.

How the Crew Gets Air Fit to Breathe While Under Water.

The commander of a submarine observes what is going on at the surface by means of the periscope, but when that is submerged he sees nothing. And if he moves his vessel while using the periscope he leaves a white wake on the water, which exposes him to the enemy.

However, the periscope is sometimes of a length—about seventeen feet—to give partial safety, as when only the tip shows the boat is unlikely to be damaged by an enemy's fire, although if the periscope chances to be shot away it might cause a fatal leak. Also the submarines can be rammed.

The diving rudders are mounted in pairs, one on either side, fore and aft, with an ordinary vertical rudder at the stern for lateral steering. Each motor set drives a reversible propeller. The accommodation for the navigating officers is in the conning tower, while the quarters of the crew of ten men are in the bow, as is also the galley.

Special arrangements have been made to secure an adequate ventilation of the interiors of the boats. During surface operations the air is drawn in from outside. When traveling submerged the heated atmosphere of the engine and the exhaled air of the crew are drawn off through ventilators which pass it through various filtering, oxygenating and cooling devices, after which it is returned to the interior and is fit to be breathed again.—Exchange.

TELEPATHY.

That, Like Other Mental Operations, Cannot Be Explained.

"Marie Corelli has attributed telepathy to electricity. Is there any scientific truth in the matter, or is it but a theory?" writes a correspondent, and we answer:

Entirely theory. None knows how telepathy originates because nothing is known of the nature of mind—that is, no law of the mind has been discovered. Everything is theory until the law is discovered and then proved beyond all possibility of doubt. Every possibility of doubt or error of any kind, however minute, must be annihilated before anything is published as a law in any scientific book.

The mass of obscure things, such as telepathy, mind reading, action of mind on mind (as in hypnosis), action of mind on matter without physical contact, influence, suggestion, personal magnetism, automatic writing, drawing, painting, reading closed books, causing sound to be heard, conversations in space between invisible personalities, warnings, sending of messages from dying persons to their friends, rescues from danger by mind influences, transmission of drawings and pictures to minds of others by mind processes—all these and perhaps as many as 100 more most remarkable mental things are now occurring constantly in some part of the world.—Edgar Lucien Larkin in New York American.

Teeth of the Ancients.

The silence of the classics certainly seems to indicate that the Greeks and Romans suffered very little from their teeth. Words for toothache and for tooth extracting instruments can, indeed, be found in the Greek and Latin dictionaries, but the authors quoted for them are generally late and always uninteresting. We can hardly believe that if toothache had been common in Athens Aristophanes would have made no jokes about it. But a classical scholar may pretty safely be defied to cite a single Greek or Latin passage about it. Even Lucretius, when he gets on the subject of teeth in a passage where a reference to toothache might be expected, merely refers to the jar given to the teeth by very cold water or by biting a stone in one's breath.—London Chronicle.

Reciprocity.

"Dear Harold," with sadness she wrote to her former fiancé, "as you are probably aware, I am to be married to Mr. Anthony the coming month. I shall therefore appreciate it if you will burn all the little notes I sent you, assuring you of reciprocity in regard to those you sent me."

She immediately received this reply: "Dear Dorothy—I shall certainly comply with your request at once. And, incidentally, as your new fiancé holds a few notes of mine I shall deem it a great favor if you will induce him to burn them with the rest."—National Food Magazine.

Education.

Education is not merely the writing of facts on the mind as one writes on a blank slate. It resembles rather the placing of fresh color on canvas on which earlier colors are not dry. The new colors mix with the old. So the living mind mixes new information with what is already in it, and judges the new in the light of the old.

Inappropriate Garb.

"How are you coming along with your new magazine, the Society Girl?" "All right. But the mailing proposition bothers me."

A Good Actor.

"Patience—So she married an actor?" "Patience—Oh, yes!" "Was he a good actor?" "Oh, yes; he acted as if he loved her."—Yonkers Statesman.

To apply to others in charity the knowledge one has used against oneself in judgment—this is the hard thing to do.—Mallach.

Deafness Cannot Be Cured

by local application, as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. Which tube is inflamed you have a running sound or imperfect hearing, and when it is entirely closed, deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; otherwise out of ten are caused by Catarrh, which is nothing but an inflamed condition of the mucous surface. We will give One Hundred Dollars for any case of Deafness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure. Send for circulars free. J. J. CHENEY & CO., Toledo, Ohio. Sold by Druggists. Take Hall's Family Pills for constipation.

AN EVEN TRADE.

It Wasn't Made Simply Because the Law Wouldn't Allow It.

A traveling salesman for a Gansevoort street wholesale grocery firm, recently back from a trip through rough lands of a neighboring state, tells this possibly true tale:

"One day on my last trip I had a six mile ride to make to the county seat, and the small village in which I was had only one horse that I could hire and no other form of conveyance. I may say that a friend had landed me in the town that morning from his car, and I had sold goods enough to pay the expenses of the trip.

"Well, I got away on the sorriest specimen of a horse I ever straddled, and I was to send him back by the mail carrier, though not as a parcel post package. It took me two hours to cover the distance—I was sorry enough I hadn't walked—and as I passed the county jail on my old bag of bones a face grinned at me from between the bars of a small square window. I was too sore to smile, but I nodded to the grin, and the prisoner called to me: "Say, mister," he said, "how'd you like to trade that critter for thirty days in jail?"

"Just then I would have been glad enough to have traded, but the law wouldn't let me, and I rode on."—New York Sun.

THE THIRD NAPOLEON.

Spicy Pen Pictures John Hay Drew of the French Emperor.

One of the best things John Hay ever wrote, says William Howells Thayer in his presentation in Harper's of Hay's unpublished diaries, is this pen portrait of Napoleon III:

"Short and stocky, he moves with a queer, sidelong gait, like a gypsy crab, a man so wooden looking that you would expect his voice to come rasping out like a watchman's rattle; a complexion like crude tallow—marked for death whenever death wants him—to be taken some time in half an hour or left, neglected by the skeleton king for years perhaps, if properly cooled. "The mustache and imperial which the world knows, but ragged and brittle, concealing the mouth entirely, are moving a little nervously as the lips twitch; eyes sleepily watchful—furtive, stealthy, rather ignoble, like servants looking out of dirty windows and saying 'Nobody at home,' and lying as they say it.

"And with a wonderful phlegm! He stands there as still and impassive as if carved in oak for a ship's figurehead. He looks not unlike one of those rude, marble statues. His legs are too short, his body too long. He never looks well but on a throne or on a horse, as kings ought."

Conserving the Joy of Life.

The most hopeful feature of the development of a new attitude toward youth is the willingness to conserve the spirit of the joy of life—the great gift which youth has to offer to life. To youth has been given this great joy of life, and it is the right of the individual to carry its spirit on into age, making it fuller and deeper as the years roll on. The new movement in asserting the right of youth to its joy, recognizing that this is the creative force which will raise life from a dull level. It means less of the disenchantments of age, a keeping alive of the glow of life, cultivating an ever deepening optimism, so admirably expressed by those simple lines of Browning:

Grow old along with me,
For the best is yet to be.

—George F. Kearney in Forum.

Making a Changeless Ink.

In shops where it is damp or chemical fumes are present it is usually difficult to cause labels to stick to bottles or cans. An ink for use on such containers is made as follows: Shellac, 20 grams; dissolve it in a hot solution of borax containing 30 grams of borax to 400 cubic centimeters of water; filter while hot and add a solution made of aulfine black, 8 grams; tannin, 0.3 gram; picric acid, 0.1 gram, and ammonia, 15 grams, in water, 10 grams. It will be found that this ink works nicely and resists the usual chemical and corrosive fumes.—Cincinnati Commercial Tribune.

Golf Ball's Strange Flight.

That a golf ball does not travel in a parabolic curve was asserted by Professor C. Vernon Boys during the trial of a patent suit in the British chancery court. Professor Boys, who had been called as an expert on ballistics, described experiments he had made with mechanically propelled golf balls and said that these when driven hard more than counteracted the attraction of gravity. "A good flight," he said, "is very nearly straight for a long time, then gradually rising and then falling."

Astero Emeralds.

Among the Aztec treasures of Mexico were found many fine emeralds. They were exquisitely cut, and it is from this source that the magnificent emeralds now forming part of the royal collection of Spain were supposed to have come.—Exchange.

Imagination.

"A poet needs a great deal of imagination." "Yes; if he really waded around in the wet grass looking at sunrises and listening for robins he wouldn't last long enough to write much poetry."—Washington Star.

Limitations.

Jack—I hear that you have quit the literary game. Jill—Yes; I despaired of ever writing up to my publishers' printed estimates of my work.—Life.

Black Silk Stove Polish

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MONKEY ANTICS.

The Orang Outang is a Creature of Great Imitative Ability.

In hotels and private houses of India monkeys have been found that were trained to wait at table, bringing dishes and articles of food in a more or less mechanical way.

The story of the talented orang outang of Buffon, the naturalist, is classic. This creature gave visitors his arm, walked with them, showed them to the door, ate with a knife and fork and drank from a glass, poured tea into a cup, sweetened it and waited till it cooled before he drank it.

An orang outang at the Jardin des Plantes in Paris regularly unlocked with a key the door of the compartment he occupied, opened the door, locked it on the other side after he had entered and then hung the key on a nail.

Florens relates that he once visited the Jardin des Plantes in company with an aged scholar whose appearance greatly interested this orang outang, which was at large in the rooms of the institution. The scholar wore old-fashioned clothes, one article of which was a tall hat with a wide brim. He was much bent from age and in walking supported himself with a heavy cane.

When the two men were about to depart the hat and cane of the old man were missing. Presently the orang outang was seen tottering through the room, his back bent almost double, wearing the hat upon his head and walking stiffly by the aid of the cane.—Chicago Herald.

MADISON SQUARE GARDEN.

Story of the Growth of a Famous New York City Landmark.

Madison Square Garden, indissolubly associated with the city of New York, was purchased in 1833 by the Harlem railroad after the extinction of the old eastern post road, which ran diagonally across the block. In 1854 the railroad company put up sheds for the handling of the early morning milk supply and farm products.

In 1893 the train sheds were rebuilt to house a passenger terminal of the Harlem on Twenty-sixth street and of the New Haven road on Twenty-seventh street, the trains being broken up at the present Grand Central and the separate cars being drawn down by mules.

The railway ceased to use the building in 1871, and in 1873 it was remodeled and leased to Barnum for the congress of nations. Sheridan Block and Patrick Gilmore, in joint conduct of a museum, were the next tenants. Barnum returned with the circus and menagerie April 27, 1874. Gilmore took the place for the next season and produced the first of his concerts May 20, 1875.

On May 31, 1870, the place was first designated Madison Square Garden. The tearing down of the old building was begun Aug. 7, 1880. The present structure was formally opened June 10, 1880.—Argonaut.

Health For Canaries.

Even a canary must be cared for judiciously if its life is to be happy. Regular exercise outside its cage is desirable, if its owner has time to look after this exercise. A scrupulously clean cage, fresh water and seed every day, greens of some sort—lettuce, celery, bran—once or twice a week, and enforced abstinence from sugar, sweet biscuits and other odds and ends that are often fed to birds—these details insure health and, therefore, happiness to the caged bird. Perhaps the fact that it is caged, that it has so few ways of making its wants known, should make its owner more careful of its health than she would be even of the health of a dog or cat.—New York Sun.

Pictures in Gardens.

Above most other arts, landscape architecture is based on nature, and the art should be practiced on natural lines. The evolution of growing things, the development of distinct types of effect, although greatly varied, can be, and should be, made to bear the stamp alike of definite, though perhaps instinctive, ideas throughout the various kinds of landscape gardening, whether it be a park, an estate, a village garden or a window box. It should make a fine picture, no matter how small or how large.—New York Telegram.

Cash Prize.

Fathead—He always was a lucky sort of a guy. Bensonhurst—What's happened? "He's got the cash prize in a lottery." "Really?" "Yes, he's just married money."—Yonkers Statesman.

Protection.

"What's the idea of using the pronoun 'we' so often in your articles?" "Well," replied the editor, "it's a matter of self protection. In case anybody takes offense I want to sound as much as possible like a crowd."—Philadelphia Record.

Tempus Fugit.

"I want a warrant for the arrest of Father Time." "What's the charge?" "Outragious and continuous violation of the speed laws."—Judge.

The Proper Kind.

"I will give the boys' athletic club an acrobatic lunch today." "What is that?" "One consisting of turnovers."—Baltimore American.

He who lives after nature shall never be poor; after opinion, shall never be rich.—Seneca.

REVIEW'S LEGAL BLANKS

The following list of legal blanks are kept for sale at this office and others will be added as the demand arises: Warranty deeds, Quit Claim Deeds, Realty and Chattel Mortgages, Satisfaction of Mortgages, Contracts for Sale of Realty, Bills of Sale, Leases.

Dated and first published April 23rd, 1915. Mary A. Massey, Administratrix. Geeslin & Sever, Attorneys. Last publication, May 21, 1915.

Note the label on your paper.

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Closing Out Prices on Groceries and Crockery Still Continue LET US SHOW YOU

Matters have shaped themselves so that it is not imperative that we move our Men's Toggery until the middle of June. This enables us to maintain our Grocery Room until that time.

We will continue to give our patrons the benefit of the Closing Out Prices rather than negotiate the sale of the stock in bulk.

The stock was large and well balanced, and there are still bargains in everything in Groceries and Crockery.

Reg. 25c Walnuts, Closing Out Price	-	-	20c
" 35c Bottle Vanilla, Closing Out Price	-	-	30c
" 45c Coffee, " " "	-	-	35c
" 50c Tea, " " "	-	-	35c

Carnation, Mt. Vernon Milk Reduced 30 per cent Off on Aluminum Ware 35 " " " Dishes 20 " " " Enamel Ware

BONHAM & CURRIER

Proposals for Street Work

Sealed proposals will be received at the office of the recorder of the city of St. Johns, until May 25th, 1915, at 8 o'clock p. m., for the improvement of Pittsburg street from the north line of Crawford street to the ferry slip, in manner provided by Ordinance Number 690, subject to the provisions of the charter and ordinances of the city of St. Johns and the estimate of the city engineer on file. Engineer's estimate is \$1,879.73. Bids must be strictly in accordance with the printed blanks, which will be furnished on application at the office of the recorder of the city of St. Johns. And said improvement must be completed on or before 60 days from the date of the last publication of this notice. No proposals or bids will be considered unless accompanied by a certified check payable to the order of the mayor of the city of St. Johns, certified by a responsible bank for an amount equal to ten per cent of the aggregate proposal. The right to reject any and all bids is hereby reserved. By order of the city council. A. E. DUNSMORE, Recorder of the city of St. Johns. Published in the St. Johns Review May 7, 14 and 21, 1915.

Proposals for Street Work

Sealed proposals will be received at the office of the recorder of the city of St. Johns, until May 25th, 1915, at 8 o'clock p. m., for the improvement of S. Ivanhoe street, from the east line of Burlington street to the west line of Richmond St. in the manner provided by Ordinance No. 661, subject to the provisions of the Charter and Ordinances of the City of St. Johns, and estimate of the city engineer, on file. Engineer's estimate is \$1,879.73. Bids must be strictly in accordance with the printed blanks, which will be furnished on application at the office of the Recorder of the City of St. Johns. And said improvement must be completed on or before 60 days from the date of the last publication of this notice. No proposals or bids will be considered unless accompanied by a certified check payable to the order of the Mayor of the City of St. Johns, certified by a responsible bank for an amount equal to ten per cent of the aggregate proposal. The right to reject any and all bids is hereby reserved. By order of the City Council. A. E. DUNSMORE, Recorder. Published in the St. Johns Review on May 7, 14 and 21, 1915.

ORDER OF SALE

The undersigned administrator, in pursuance of an order of the Court, hereby gives notice that he will sell at public sale on Thursday, May 27th, at 2 o'clock p. m., the following described property, for cash cash: Lots 5 and 6, Block 6, Point View Addition to the City of St. Johns, being the property of Anna Westlund, deceased. The sale will take place on the premises. Chas. Lindquist, Admr. B. L. Snow, Attorney for Admr. Published in the St. Johns Review April 23, 30, May 7, 14, and 21, 1915.

PROBATE

Charles Bredeson estate. Notice is hereby given that the undersigned has been appointed administratrix of the estate of Charles Bredeson, deceased, by the County Court of the State of Oregon for Multnomah County, and has qualified. All persons having claims against the estate are hereby notified to present the same to me or my attorneys, Geeslin & Sever, 1036 Chamber of Commerce building, Portland, Oregon, with proper vouchers and duly verified within six months from date hereof. Dated and first published May 7, 1915. Virginia Bredeson, Administratrix. Geeslin & Sever, Attorneys. Last publication, June 4, 1915.

PROBATE

Charles Hamlin Massey estate. Notice is hereby given that the undersigned has been appointed administratrix of the estate of Charles Hamlin Massey, deceased, by the County Court of the State of Oregon for Multnomah County, and has qualified. All persons having claims against the estate are hereby notified to present the same to me or my attorneys, Geeslin & Sever, 1026 Chamber of Commerce building, Portland, Oregon, with proper vouchers and duly verified within six months from date hereof. Dated and first published April 23rd, 1915. Mary A. Massey, Administratrix. Geeslin & Sever, Attorneys. Last publication, May 21, 1915.

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NOTICE TO ADVERTISERS.

In order to insure a change of advertisement the copy for such change should reach this office not later than Wednesday, at 3 o'clock p. m. Please remember this and save the printer. Preach the gospel of St. Johns.

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