THE GREAT ATLANTIC.

The Enermous Floating Semi-island To-

ward Which Nearly Everything on the

Mighty Deep Drills and Is Held as

For several years past the hydro-

graphic bureau at Washington has been

trying to acquire a more intimate knowl-

edge of the movements of the waters of

the ocean, and a great number of bot-

ties, containing messages and securely

corked, have been dropped overboard by

vessels. Many of these have floated

thousands of miles before they were

picked up, and while some were washed

upon native and foreign shores others

have found their way into the great Sar-

From the courses taken by these dif-

ferent bottles it has been found that the

ocean currents move around in a vast

circle. Those which were dropped over-

board on the American coast took a

northerly course, while those on the

European side floated toward the south.

Bottles dropped overboard in the North

Atlantic started toward the northeast,

and those from the African or Spanish

coast floated almost directly west until

they reached the West India islands.

The general directions of the currents

were thus ascertained, showing that the

waters acted upon by winds and cur-

rents circulated round and round like a

In all pools floating objects are quick-

ly cast outside of the revolving currents,

or they are carried with them in their

circular routs for some time until they

are washed nearer the center or side of

the pool. The bottles that were forced

cast upon the shores of some country,

but those which were worked toward

the center eventually found their way in

the calm waters of the Sargasso sea.

Here they remain peacefully until

Vessels very rarely visit the great sea

in the middle of the occan, but occa-

the gaze of the sailors at such times.

Wonderful stories-partly true and part-

ly false-have been told by sailors re-

turning from a forced trip to the Sar-

gasso sea. The surface of the sea is cov-

ered with floating wrecks, spars, sea-

weed, boxes, fruits and a thousand other

innumerable articles. It is the great re-

pository or storehouse of the ocean, and

all things which do not sink to the bot-

tom or are not washed upon the shores

When one considers the vast number of

wrecks on the ocean and the quantity of

board, a faint idea of the wreckage in

Derelicts or abandoned vessels fre-

well traveled route to the astonish-

quently disappear in mysterious ways,

ment of all. The wrecks are covered

with mould and green slime, showing

the long, lonesome voyage which they

supposed that such derelicts have been

The life in this sea is interesting. Soli-

tary and alone the acres of waters, cov-

ered with the debris, stretch out as the

vast graveyard of the ocean, seldom

being visited by vessels or human beings.

Far from all trading routes of vessels,

something unusual. The fishes of the

sea form the chief life of those watery

great numbers. The smaller fishes live

on the quantities of small fish. In this

The only life overhead is that made

by a few sea birds, which occasionally

reach the solitudes of this midocean

the air penetrate to the very middle of

the ocean, but it is very rarely that this

occurs. Some have been known to fol-

low vessels across the ocean, keeping at

a respectful distance from the stern.

Other birds have been swept out to sea

by storms, and have finally sought ref-

age in the Sargasso sea. Still others,

taking refuge on some derelict, have

been gradually carried to the same mid-

There is sufficient food floating on the

surface or to be obtained from the fishes

which live among the forests of seaweed

ocean scene.

Prisoner-Its Inhabitants.

ADVERTISING DOES IT

CIDARETTE SMOKING IS KEPT ALIVE BY CLEVER SCHEMES.

An Interesting and Instructive Talk with a Man Who Seits the Obnexious Article-Re bays That Only Fine Tobacco Is Used in the Manufacture.

this city," said a commercial travelar representing an entern manufactory, a few resenting an entern manufactory, a few days ago, "are from one house, If you could see our advertising hills you wouldn't ask. Nothing on earth is so capricious, so fickle as the eigarette. trade, or the cignrette either, for that matter. The eighrette would lie down and die tomorrow if it were not for the small boy, and he is the most capricious thing that strides the earth. Today he swears by the Trio's Delight, tomorrow he grows enthusiastic over the 'Old Solelier,' and the next day loudly calls for Pearl's Pet. 22

"Doesn't the name have a good deal to do with it?"

"Yes; my opinion is that securing a hap-py name is half the battle. But there is absolutely no telling whether it's going to take well or not. I've seen some of the toost explications names ever heard of fail

"Why do eigareties require more advertising than cigars!'

For one thing, cigars of a certain price wary in quality more than eigarettes. When a man fluds a good eight he sticks to it. Just notice the difference in a cigar store. That eight smoker comes in and calls for his brand, the cigarette consumer looks through the glass case, hesitates, picks out the kind that for the moment seizes his fancy and buys. He does the same thing every time. Cigarette smokers, other than the small boys, are people inclined toward the æsthetic, there is no denving that. As a rule the cigarette smoker is a man rather refined in his tastes. And this taste has to be appealed to through the eye as well as anything

"In the whole range of advertising you won't find any class of wares more artis-tically advertised than cigarettes. Some cigarette manufacturers claim that it isn't so much the advertising that sells their goods; it's simply the extraordinary quality of their goods, and say that they don't apend more than 5 per cent, of their re-ceipts in advertising. That is all bosh. Our firm spends from 35 to 40 per cent, and count ourselves lucky. If we should quit advertising for a single month I am convinced our receipts would fall off one-half."

Five cigarette manufactories make over 90 per cent, of all the cigarettes sold in the country. The amount of "all tobacco" cigarettes sold, compared with the paper product, is infinitesimal.

Continuing the agent said: "The evolution of eigarette advertising is quite interesting. Being head and shouldets above all competitors it is only natural that we should have inaugurated every advertising novelty that you see to The first unusual thing in cigarette advertising that we did was bill posting, London woke up one morning and found itself with a sort of yellow flush about it. We had pasted 10,000 big yellow posters about the central portion of the city in one night. That was the beginning. Pretty soon we were posting bills all over the globe; on the Alps, on the wall of China. and when I was in Burmah last summer I saw some there.

Then we began using photographs of large size. Afterward we used small photographs-one in each package of cigarettes. Other manufacturers immediately began doing the same thing, and we dropped it and used colored lithograph cards instead. These we run in series of 50 and 100 cards. First were the flags of ail nations, then the world's beautiespictures of 100 famous pretty women. Then the flags of fifty cities, then race horses, then the sporting champions of the world. Next we issued a series of jockey colors, then the arms of nations, followed by fifty naval flags. After this we had the birds of America, then fifty Indian chiefs, and then a series of game birds.

"Following this we gave prizes, a ticket inserted in each package giving the buyer a chance in the drawing. Just think of it, he said, "2,500,000,000 cigarettes were sold last year. In spite of all the fight that has been made and is being made against the cigarette it is an actual fact that more eigarettes are consumed every year.

'Lying aside all personal interest, I am unable to understand all this antagonism to the cigarette. Instead of being made of the poorest tobacco it is made of the bestthat is, the cleanest and mildest, which are the top leaves of the tobacco plant. All the adulteration is a little glycerin to make the tobacco stick together while it is being shaved up. I have been around a tobacco factory a good deal, and I never saw anything else put in. The idea that opium is used is absurd.

"There is, however, no such thing as rice paper used Ordinary linen paper is wet with a solution of rice water. The trouble with the eigarette is that it is so mild that the smoker oversmokes himself before he realizes it. Then many people don't care to smoke cigarettes unless they can inhale the smoke. That's always bad. There is a law against selling them to boys under sixteen years old, but I have never seen the boy yet, even if he couldn't reach up to the counter, who wasn't willing to swear he was sixteen. They soon caught on to that. Dealers invariably protest against the eigarette because the margin of profit is so much smaller than on eigars. It is almost like a druggist selling postage stamps."-Ohio State Journal.

The Congo River's Deep Mouth.

The London Society of Telegraph Engineers and Electricians have been making soundings along the coast of Africa with a view of laying a cable from England to Cape Town. At the mouth of the Congo they found a remarkable state of affairs, their maps and soundings showing that that river's mouth is an extraordinary marine gully of no less depth than 1,452 feet! The mouth of the Mississippi at an equal distance from shore would only show thirty-three feet, and the Thames forty feet. The Congo's incredible depths were traced for more than 100 miles out at sea. -St. Louis Republic.

Dextrin Comes from Starch.

Dextrin is nothing but reasted starch, and any one with a stove that has an oven attachment can make his own dextrin whenever he needs it by roasting starch to a light brown. Its best known use is to make the famous mucilage used on the back of the postage stamp.-Exchange.

A Good Test.

Little Dot-Sister gave me her brass ring. Little Dick-How do you know it's brassf Little Dot-'Cause she gave it to me .-Good News

Detecting Disease by the Eye.

It is perfectly possible by means of the in transcens of the Nineteenth century, to exactly learn the optical condition of an eye, to decide just what glasses, if any, are needed for its perfect working, and it is also possible to look in upon it, and by the appearance of its tissues and its blood vessels to decide as to the existence of serious disease when there are few other symptoms that point to it, when there may be none besides to "Three fifths of the circurstes said to be found in the body that positively

I may mention two classes of disease, one constitutional and the other local, which illustrate this statement. The eye mirror opthalmoscope is the instrument by which such things are settled. Bright's disease, a name carrying dread to many a bousehold, is the constitutional disease to which I refer. In not a few cases the diagnosis of it is made by the examination of the retina with the eye mirror.

The expert will make no mistake it the eye gives evidence of it, for its signs are positive in minute bleeding from the blood vessels and peculiar fawn colored spots on the retina. The surgeon dreads to find them, because they are evidence of an advanced stage of the malady which prematurely destroys so many lives. Bright's disease is in fact a degeneration of many of the tissues of the body, the walls of the arteries being among them. In no part of the body can this degeneration be so readily detected as in the retina of the eye.-Coa-

Pure Narcotle Death.

Under chloroform, as under all anæs thetic gases and vapors, there is a mode of death which may be called the final or natural. It need never be produced and never could be except under the most unskillful management, and it is a long time in its progress. When death outside of the currents of the ocean were does occur in this manner it is by the slow extinction of the natural animal zymosis, and is illustrated, as to method perfectly by the simple experiment of gradually extinguishing a candle in s confined space by introducing vapor or picked up by some vessel, or until some chloroform into the air that fills the storm casts them back into the great

It can be illustrated also by the experiment of stopping ordinary fermentation by the presence of chloroform, and sionally they are driven there by storms even by the simpler process of using or adverse winds. Strange sights meet chloroform vapor as a preservative of animal tissues from decomposition. All anæsthetics are open to kill in this manner, but that is the safest anæsthetic which puts out life in no other manner which does not, that is to say, cause either of the reflexes of spasmodic character during administration. - Asclepiad.

When Jay Gould Was a Boy.

"At one time," said Mr. Woolhiser, who as a boy worked in the same store are carried to this center of the sea. with Jay Gould, "while Gould was in the employ of Burnham he fell sick My father, who was a general nurse and | floating material that is thrown oversomething of a doctor, attended him and brought him around all right. the Sargasso sea may be conceived. Not long after he recovered he met my father and said, 'You saved my life, and if at any time you are in need and I can and no accounts are given of them for help you I shall do so with pleasure.' years by passing vessels. Then sudden-Fortune has not smiled on my poor old | ly, years later, they appear again in need he wrote to Mr. Gould, telling him of his condition and asking for help. No reply was ever received. I think that our letters never reached Mr. Gould, have passed through. It is generally or he would surely have helped us. 1 wrote to him only a few days before his swept into the center of the pool and redeath for the fourth or fifth time. Gould | mained in the Sargasso sea until finally was always a good boy, and for awhile cast out by some unusually violent we slept together in the same bed in the storm. old store in Roxbary. Jay never missed saying his nightly prayers before retiring."-New York World.

The Study of Philately.

Philately is a study. It is a pursuit that adds more to the life of the young the sight of a sail or steamship is collector than any other of his pleasures. Philately in the present generation is assuming vast proportions as an solitudes. Attracted by the vast quaninstructive science and is even now a tities of wreckage floating in the sea, formidable rival of numismatics. No and also by the gulfweed on which many longer is it called a mania or a craze, of them live, they swarm around in but a science teaching the geography, history, language and the morals of a in the intricate avenues formed by the country. Our philatelists are not mere seaweed, and the more ferocious denischoolboys and girls, although they col- zens of the deep come hither to feed uplect stamps, but men of mature minds; men well established in business and way the submarine life of the Sargasso professions, men of sound judgment, sea is made interesting and lively. intellectual and thoughtful men. And it is this fact that gives the young collector encouragement, the knowledge that such men do exist in the ranks of | cemetery. A few of the long flyers of philatelists.-Ohio State Journal.

Raising Canary Birds. In Germany the poorer classes are nearly all engaged in raising canaries. Several hundred thousand are shipped every year to all parts of the world. There is no industry like it in existence. The birds are strong and hardy and require very little attention; consequently among the peasantry every family has is aviary, which is a constant source of income, independent of the proceeds of their daily toil. The buyers for the New York houses make periodical trips through the country; the birds are bought and are soon on their way to America, where they quickly become accustomed

Shapes for Folding Napkins.

About 1659 Pierre David published the "Maistre d'Hostel," "which teaches how to wait on a table properly, and how to fold all kinds of table napkins in all kinds of shapes."

The shapes were: "Square, twisted, folded in bands and in the forms of a double and twisted shell, single shell, double melon, single melon; cock, hen and chickens; two chickens, pigeon in a basket, partridge, pheasant, two capons in a pie, hare, two rabbits, sucking pig, dog with a collar, pike, carp, turbot, miter, turkey, tortoise, the holy cross and the Lorraine cross."-Youth's Compan-

Cause for Regret.

Lady-I don't like this picture so well as I did the last one you took of me. Photographer-Ah, madam, I have not the artistic taste that I had when I Britain, 188; Russia 182; Denmark, 224;

was young, and besides my camera is

getting old .- New York Weekly.

to support a large colony of birds. It is surmised that many of those found in the sea have inhabited those regions for years, partly from choice and partly to their gilded cages. - Pittsburg Record. from necessity. Birds swept out there

by storms would not care to venture the long return trip to land, and finding an abundance of food and wrecks on which to rest and rear their young they might easily become contented with their strange lot. Just how far the strong winged sea birds can fly without resting is all conjectural, but it is doubtful if

> The Austrians consume more tobacco than any other nationality or race on the globe, civilized or savage. Recent investigation by eminent statisticians gives the number of pounds consumed annually by each 100 inhabitants of the different European countries as follows : Spain, 110 pounds; Italy, 128; Great

Norway, 229, and Austria, 273.—St.

many of them would undertake such a

long journey seaward with no better

prospects ahead than dreary wastes of

The Greatest Tobacco Users.

water.-Detroit Free Press.

Louis Republic.

A EAN'S (TRAVEYARD). INDIVIDUALITY IN TYPEWRITING.

Many Little Peculiarities in the Work of THE WONDERFUL SARGASSO SEA OF Different Persons.

The typewritten page has no individuality for most persons, but a study of the subject shows many characteristics by which the work of different machines and different operators can be distinguished. This field presents fewer opportunities than does that of the handwriting expert, but is, nevertheless, of some interest and importance. In a legal contest the whole case might hinge on the authenticity of a page of typewriting.

court not long ago to find out whether one page of the long typewritten document in evidence had not been replaced with an other in which some of the words had been changed. In this case of course the sus-pected page was written on the same kind of a machine as the others. The difference between instruments of the various manufacturers was therefore of no service.

An expert stenographer and teacher or typewriting was called as a witness. In reply to questions put by counsel he said that as a general rule it was not difficult for an expert to distinguish between the writing done upon different machines of the same manufacture. Two instruments might write so nearly alike as to make it impossible to determine upon which of them a certain sheet was turned out. Still there were many little marks of variance in the writing of different machines, and even of the same one, at different times or when used by different persons. The witness did not believe that the page in question was written at the same time that the others were, nor by the same person. All might have been written on the same ma-

were, in the first place, that the type used on page seventeen was clean; on the others many of the small letters were clogged up. The "e" and "s" were especially bad. The ribbon used for page 17 was not so much worn as that for the rest of the docu ment, and the writing was more uniform in color; the latter fact was in part due to the superior skill of the writer of the single page. The letters were in better alignment on that page than on the others, in which the "t" and "e" were badly out of their proper position.

In page 17 the "i" was accurately centered; in the rest it was to the left of where it should be. The "p" was upright on the suspected sheet, and leaned a trifle on the others, being turned in the bar. The one sheet, also, had a wider margin by two spaces than those which followed and

When asked why he believed that different persons wrote the sheets he said that the operator who turned out page 17 was more expert than the other. The former's touch was more uniform; none of his letters seemed to override each other, as was sometimes the case on the other pages. His punctuation marks did not perforate the paper. The indentations of his paragraphs were six spaces, against five on the rest of the document. He used three spaces between his sentences; the others only two. The first made a space after a comma: the latter did not.

The writer of the bulk of the paper was less acquainted with the rules of punctuation than was the other man. One man always put a period and a colon after the words "to wit;" the other used only a comma. For the figure 1 in the paging of sheet 17 a lower case "i" was used; on the other sheets a capital "I." The jury could hardly help agreeing with the expert's conclusions.-New York Tribune.

A Queer Custom.

A mediaval custom prevails in Freiberg, in Breisgau. This is observed on the birthday of the reigning grand duke of Baden, and consists of a foolhardy trip to the topmost part of the tower of the minster. It is a dangerous enterprise, for the tower is 400 feet high, and the ascent is made from the exterior of the building. The steeplejacks in their ascent have to leap from stone to stone, often a yard apart, and one false step on the narrow ledges would be death. At the topmost pinnacle pistol shots announce that the climbers have succeeded. Then an immense gilded star revolves and the descent is begun, Each man receives as a reward the sum of five marks from the state and a sumptuous

On the occasion of the sixty-sixth birthday of the grand duke of Baden, three men undertook the ascent. One of them on arriving at a projecting bar of iron. halfway up, went through an acrobatic performance. This was before an immense crowd of astonished spectators. He twisted and twirled about as if he were but within a few feet of the earth.-London News.

it is claimed that you can urive nails into hard wood without bending them if you dip them first in lard.



with Catarrh, is to stop it without curing it. The poisonous, irritating snuffs, strong caustic solutions, "creams," balms and the like may, perhaps, palliate for a time. But they may drive the disease to the lungs. The wrong way is full of

The right way is a proved one. It's with Dr. Sage's Catarrh Remedy. It cures, perfectly and permanently, by its mild, soothing, cleansing and healing properties, the worst cases of Chronic Catarrh. It has proved itself right, thousands of times, when everything else has failed.

For instance, it became necessary in a

chine, but not consecutively. The reasons given for this conclusion

The wrong way,

And this makes its proprietors willing to prove that it's the right thing for you, no matter how bad your case or of how long standing. If they can't cure your Catarrh, they'll pay you \$500 in eash.

They mean it. They're certain of their medi-

Herold's Double

UNDERBUY AND UNDERSELL, (Watchwords.)

THESE two words epitonize the whole phil osophy of mereantile success-underbuy, not so much to make extra profit on goods, but to sell again at a proportionate under price, and with the "Knock-down Logie" of our unmatchable bargains, sweep at a competition from our path tike the chaff before the wind. We carnestly invite you to call and examine our goods and prices which appeal with the burning eloquence of genuine bargains to your self interest. We call your attention to the following "Trade Quickeners":

Trade Quickener No 1.

Hats at Half Price-A complete stock of Mens' and Boys' hats, consigned to us by W. c. L. Gibbon & Co., wholesale hat house of Omaha, being the stock of one of their customers who failed. We bought them for 50c on the dollar and are prepared to sell them at a proportionate under-price.

Trade Quickener No. 2.

Shoes at Less Than Cost, to Make-\$3,000 worth of Ladies', Misses', Children's, Men's and Boys' Shoes knocked down at anction to the highest bidder. We took the lot at about 40 per cent under the regular price, and the price that we are offering them at will be a great bid for your trade, We are also offering in our Shoe Department 1,-500 pairs of Ladies', Misses', Children's, Men's and Boys' Sample shoes, being the entire line of samples of shoes manufactured and carried by one of the largest wholesale shoe houses on the Missouri river-Kirkendale, Jones & Co., of Omaha-and we are offering them at exactly factory prices.

Trade Quickener No. 3.

Underwear to the consumer at prices that other dealers pay. We buy our underwear in case-lots direct from the mills, saving the middle-man's profit, and can sell it to our customers at the same prices that the western wholesale dealers charge the small country dealer. Call or send for our prices on underwear and be convinced of the truth of this statement.

We have opened up the store room formerly occupied by Brown & Barrett, druggists, so that we are now ready to do business on a larger scale than ever, in our Immense Double Store building. See our Fall and Winter line of Dress Goods and Cloaks before buying. We can save you 20 per cent in these two departments.

William Herold & Son,

505 and 507 Main-St., Plattsmouth, Neb.

"Well begun is half done" Begin your housework by buying a Cake of

SAPOLIO.

Sapolio is a solid cake of Scouring Soap used for all Cleaning purposes. Try it.

IF YOU WANT TO KNOW

THE WORLD'S FAIR And to be KEPT POSTED in regard to the same from

The Weekly Inter Ocean

THE WORLD'S FAIR for the NEXT TWELVE MONTHS will be of absorbing interest to everybody, and THE INTER OCEAN intends making A SPECIAL FEATURE OF IT. A corps of STAFF REPORTERS will devote their attention to the Exposition, and the readers of The Weekly Inter Ocean will in each issue have a synopsis of all happenings and features of interest on the grounds and elsewhere, with illustrations. THE YOUTHS' DEPARTMENT, WOMAN'S KINGDOM,

CURIOSITY SHOP, THE HOME, FARM AND FARMERS, and all LITERARY FEATURES WILL BE MAINTAINED AND IMPROVED.

Owing to the fact of the change in the political character of the National Administration, NEWS FROM THE POLITICAL WORLD will be of unusual interest. THIS WILL BE FOUND COMPLETE IN THE INTER OCEAN. In fact, it is the intention to keep

The Inter Ocean to the Front as a Paper for the Home, And make it such a visitor as will be enjoyed by EVERY MEMBER OF THE FAMILY, young and old. To make THE PAPER BETTER THAN EVER

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