

The Bed of Old Atlantic. The topography of the Atlantic Ocean bed is now almost as well known as if it were dry land. The charts represent it as a huge trough of varying depths, extending from pole to pole. Here and there are rocky peaks, like that of Teneriffe, or huge mountains of sand, like the Banks of Newfoundland, which reach up to or above the surface. Between Ireland and Newfoundland there is a remarkable submarine plain. This great level stretch of ocean bottom is always referred to as the "telegraph or cable plateau," because of the fact of the main submarine cables being stretched across it. This plateau is believed to be a continuation of the great water shed which, between the latitudes of forty and fifty degrees north, surrounds the earth, and divides the waters which flow south from those which flow toward the north.—New York Dispatch.

Still Bright and Booming. A publication brimful of sound advice and the latest bits of fun, original and copyright-free, from the pens of such noted humorists as Mr. N.Y. Opie, P. Reed, Danbury-News-Man, etc., is the St. Jacob's Oil Family Almanac and Book of Health and Humor, 1910. It is a free gift at the Druggist's counter. The work differs somewhat from its former editions, but is none the less attractive. The work is a feature in the superior of former numbers. One special feature is the "Offer of One Hundred Dollars," open to all contestants, the details of which a perusal of the book will fully give. The Almanac is published by the Charles A. Vogel Company, Baltimore, Md., proprietors of some of the best known and most reliable medicinal preparations. A copy will be mailed to any address on receipt of a 3-cent stamp by the above firm.

Wanted—Good Tale People to buy. Bot. and Med. Preparation. Bitters of all ailments. Cures, gives you strength and vigor with the Freshness of Youth.

We had two more and take little out-door exercise. This is the fault of our modern civilization. It is claimed that Garfield died of a heart remedy, hence Nature to overcome them.

It is a good thing in the cultivation of garden not to grow the same vegetables or plants year after year on the same spot, nor even two years in succession on the same. It is liable to generate diseases and to exhaust that portion of the soil in which the plant feeds or to remove the peculiar elements which it needs. Roots, deep-feeding and shallow-feeding plants should succeed each other. A strict system of rotation is always safest. Where a mixed lot of vegetables is grown, the same ground may be worked for an almost indefinite length of time by changing the location of each kind from year to year. Where cabbages, cauliflowers, radishes, turnips or other members of this same family were grown last year plant tomatoes, egg plant, peppers, etc., this year, and sweet corn or vases next, and so on.—Chicago Times.

Mr. N. J. McCoun, Kingsley, Iowa.

"In 1891 I had an eruption appear on my left leg and arm. Sometimes it would ulcerate and on account of it I was unable to work a great deal of the time. I had several doctors examine and treat me without success. Some called it psoriasis, some eczema, some salt rheum and one knowing one called it psoriasis. All the doctors in the town, yep, had a trial but none did me a particle of good. I spent all my money trying to get relief. Finally I was persuaded to try Hood's Sarsaparilla. After using one and a half bottles I saw the benefit. I have now used the third bottle and am completely cured. I received more

HOOD'S Sarsaparilla CURES benefit from three dollars' worth of Hood's Sarsaparilla than from the hundreds of dollars paid for advice and other medicine. Any one suffering from skin trouble will surely get relief in Hood's Sarsaparilla." N. J. McCoun, Kingsley, Iowa.

HOOD'S PILLS are the best after-dinner Pills, assist digestion, cure headache. Try a box.

LOSS OF APPETITE, SICK HEADACHE, INDIGESTION, DIZZY FEELINGS, BILIOUSNESS, TORPID LIVER, DYSPEPSIA.

PERFECT DIGESTION will be accomplished by taking Radway's Pills. They are the only pills that stimulate the liver in the secretion of bile and the discharge through the biliary ducts. These pills in doses of from two to four will quickly relieve the sufferer from the pain and distress of indigestion. They are the only pills that stimulate the liver in the secretion of bile and the discharge through the biliary ducts. They are the only pills that stimulate the liver in the secretion of bile and the discharge through the biliary ducts.

Radway & Co., New York.

Scott's Emulsion of Cod Liver Oil with Hypophosphites has come to be an article of every day use, a prompt and infallible cure for Colds, Coughs, Throat troubles, and a positive builder of flesh.



FEW KEEP GUINEA FOWLS. The guinea fowl is one of the most beautiful specimens of accurate feather marking known among gallinaceous fowls. There are two species, the black and white spotted and the pure white breed. Few keep guineas, on account of their noisy manner, which at times grows tiresome; yet chicken thieves hold them in great esteem, as they give an alarm even at midnight, if strangers come among them.—New York Independent.

TREATMENT OF TOMATO PLANTS. The succulent vegetable, the tomato—once despised—is now the subject of great attention. The following is good advice in the treatment of the plant: Set out plants when six inches high and hill up well until the height of a foot is reached. Train the branches apart. Throw around the plant wood ashes which will act as a fertilizer and a poison to bugs and disease. The roots will be thrown out by the hilling process and growth forced. The hill acts as a good bed for the fruit to rest on and prevents rot.—American Agriculturist.

ROTATION IN THE GARDEN. It is a good thing in the cultivation of garden not to grow the same vegetables or plants year after year on the same spot, nor even two years in succession on the same. It is liable to generate diseases and to exhaust that portion of the soil in which the plant feeds or to remove the peculiar elements which it needs. Roots, deep-feeding and shallow-feeding plants should succeed each other. A strict system of rotation is always safest. Where a mixed lot of vegetables is grown, the same ground may be worked for an almost indefinite length of time by changing the location of each kind from year to year. Where cabbages, cauliflowers, radishes, turnips or other members of this same family were grown last year plant tomatoes, egg plant, peppers, etc., this year, and sweet corn or vases next, and so on.—Chicago Times.

SIZE AND WEIGHT OF JACKS. Jacks vary in size and weight considerably. A medium size is 14 inches and 800 pounds; the largest are 16 inches and upward, and 1200 to 1300 pounds. A jack recently sold in Kentucky for \$1300, was 16 1/2 inches, and weighed 1250 pounds. The measurements of this animal were: 12 1/2 inches from the nose to the root of tail, 32 1/2 inches from tip to tip of ears, head 3 1/2 inches, girth 6 1/2, knee to ankle 12, around arms 26 1/2, and around stifle 33 inches. This is not so large as one sold previously for \$3250. The American jacks surpass those of any other country in all respects, but the French and Spanish blood has been used liberally in their improvement. The best of these animals are reared in Kentucky and Tennessee. Ordinary males sell in those States for \$100 to \$250 per head, according to size.—New York Times.

HOW TO MAKE A HOT BED. Where the farmer or gardener is too far removed from business centers to buy plants cheaply of the seedsmen, a hot bed will be found convenient for starting many kinds of plants. The first step to be taken is getting ready the manure with which to supply the required bottom heat. Fresh horse manure mixed thoroughly with one-third to one-half its bulk of leaves, or straw used for bedding, or other manure that has been heated once, are the materials preferred. As soon as this compost begins to ferment it again and let remain until signs appear of a second fermentation.

Make an excavation about two and one-half feet deep and of a size to suit the soil on hand or number of plants required. Locate this pit in a dry spot, facing south or east. One sash will generally give early plants enough for a large family. The frame for the sash or sashes may be made of boards nailed to small posts at the corners. This frame ought to be about eighteen inches high at the back and twelve inches in front, to give the proper slope to catch the sunlight. To facilitate the opening and shutting of the frame, cross-pieces should be planned for the sash to slide on.

When all is ready tread the manure down firmly in the pit, to the depth of two and a half feet; put on the sash and keep the pit closed until the heat rises. In two or three days spread on top soil to a depth of six or eight inches. In this seed may be sown in drills, two or three inches apart, for early tomatoes, egg-plant, cabbage, cauliflower, lettuce, pepper, etc.—New York World.

RAISING DUCKS FOR MARKET. When a pound of duck can be produced for six cents and sold for thirty-five cents or more early in the season, there is money in the business, especially as the eggs need not be sold for anything but the duck at the same price as hen's eggs. The duck usually lays about 150 eggs in a year. Those who desire to raise ducks for market prefer the Pekin, as they can be made to grow more rapidly than any other and are thought to begin laying a little earlier. They are not as large as some others, the drake weighing eight pounds according to the standard, which requires the same for the Cayuga, nine pounds for the Housen and Aylesbury, and ten pounds for the Muscovy, which, by the way, is not a duck, as the offspring of a cross between it and other ducks are infertile like the male and other hybrids. The duck should be one pound lighter than the drake. Most of those who breed ducklings for market hatch them in the incubator, in order to get them early enough to bring the high prices, and then bring them up in the brooder. It is claimed that a larger percentage of ducks' eggs than of hen's eggs will hatch in the incubator, and there is but little mortality among them if they have proper care. Among the requirements are soft food, and a plenty of water to drink and rinse their bills in, but it is not necessary that they should have it to swim in. They breathe through their nostrils, which should never be allowed to clog up. They like a variety of food, and eat up anything that a hen will, and much more of it, and must have all they will eat from the first to make them ready for market early. With

TEMPERANCE. MY POSITION. I am a little temperance man. Cold water on my head. And now I'm going to tell you what I have of late been thinking. I'm totally opposed to beer. I hate both wine and brandy. And when the danger lurking in All kinds of wine-filled candy. I am opposed to all saloons; I look with detestation On every one who goes where They curse the entire Nation. If alcohol will make me strong, I'll live on it to know it. Both time and platform I'll divide With any who can show it. I think it's best to totally Abstain from gin and whisky; To drink at all of such vile stuff Is dangerous and risky. I think if we are only firm In this our course to follow, We'll live to see the drunkard's drink Cast out, and that forever. The harvest soon we hope to reap, And in its full fruition, We'll raise in thanks our voices high For total prohibition.

EFFECTS OF DRINK ON INDUSTRIES. The industrial progress of many European nations is materially retarded by the drinking habits of its people. In England, Scotland and Ireland alone Professor Leaning has estimated that the wage earnings class are spending \$43,000,000 a year in intoxicating drink. A Belgian manufacturer calculates that less than half of his workmen spend more than half of his salary for liquor.

REHABILITATION, BEER AND PLANTAIN. Some English physicians have been conducting a series of experiments on a cage full of monkeys to determine the effects of alcohol on the animal system. They clothed some of the monkeys in flannel, and left the others naked, then they gave beer to some of the clothed monkeys and some of the naked monkeys. The clothed monkeys put the flannel on the monkeys that developed rheumatism, as all the naked ones did that had beer, and reversed the process. As their experiments proceeded they declare that beer has a decided effect in disposing the system to contract rheumatism, and that red flannel has a marked tendency to cure it. This is a development. The fact that red flannel is a preventive of rheumatism has long been known, but nobody could ever tell the reason why.—Chicagoan.

DESTROYING THE MIND. If any man gave you two beautiful jewels, a diamond full of light, turn it every way you will see it in its full light, and a beautiful ruby, which will give you a glimpse of the future, would you keep those two jewels with all the care and watchfulness in your power. What is your mind and your intelligence compared to that of a monkey? If you are a monkey, what God has given you is brighter, more beautiful, more full of light and more irreplaceable than the diamonds and rubies found in the earth. What do they do with those jewels? They give them to the monkeys to play with, and they let them go. They let them go to the monkeys to play with, and they let them go. They let them go to the monkeys to play with, and they let them go.

SERIOUS FACTS ABOUT BREAD. Which Housekeepers Should Earnestly Consider. A serious danger menaces the health of the people of this country in the numerous alum baking powders that are now being urged upon the public. There is no question as to the detrimental effect of these powders upon the system. Every Board of Health, every physician, will tell you of the unwholesome qualities they add to the food. Some countries have absolutely prohibited the sale of bread containing alum.

Even small doses of alum, given to children, have produced fatal results, while cases of heartburn, indigestion, griping, constipation, dyspepsia, and various kindred gastric troubles from irritation of the mucous membrane, caused by the continuous use of food prepared with the alum or alum-phosphate powders, are familiar in the practice of every physician. It is not possible that any prudent housewife, any loving mother, will knowingly use an article of food that will injure the health of her household, or perhaps cause the death of her children.

How shall the dangerous alum powders be distinguished? And how shall the danger to health from their use be avoided? Generally, alum powders may be known from the price at which they are sold, or from the fact that they are accompanied by a gift, are disposed of under some scheme. The alum powder costs but a few cents a pound to make, and is often sold at 20 or 25 cents a pound. If some present is given with it, the price may be 30, 40 or 50 cents a pound. It is impossible to name all the alum powders in the market, but any baking powder sold at a low price, or advertised as costing only half as much as cream of tartar powders, accompanied by a present, or disposed of under any scheme, is of this class, detrimental to health, and to be avoided.

THE KIND THAT CURES. A Victory Over Disease. "Terrible Pain in Head and Stomach!" "My Face was one Mass of Eruptions!" "Walked the Floor Night After Night!"

ST. JACOBS OIL CURES RHEUMATISM, LUMBAGO, SCIATICA, SPRAINS, BRUISES, BURNS, SWELLINGS, NEURALGIA.

How is Your Blood? I had a malignant breaking out on my leg below the knee, and was cured sound and well with two and a half bottles of S.S.S. Other blood medicines had failed. S.S.S. to do me any good.

How is Your Blood? I was troubled from childhood with an aggravated case of Tetter, and three bottles of S.S.S. cured me permanently.

LEARN SHORT HAND at Home! Mail order. Send stamp. White & McKay, Syracuse, N.Y.

Garfield Tea Cures Constipation. A copy of the Official Portfolio of the World's Columbian Exposition, descriptive of buildings and grounds, beautifully illustrated, in water color effects, will be sent to any address upon receipt of 10c. in postage stamps to the CHARLES A. VOGELER CO., Baltimore, Md.

MILES OF OUR HARTMAN MANUFACTURING CO. "Don't Hide Your Light Under a Bushel." That's Just Why we Talk About SAPOLIC.

CONSUMPTION. The new HARTMAN WIRE PANEL FENCE costs less than barbed wire, and is more durable, stronger and more beautiful. Our Steel Picket Gates, Trees and Flower Guards, and Flexible Steel Wire Door Mats are unsurpassed. A 6-page illustrated catalogue of HARTMAN SPECIALTIES mailed free on application. Mention this paper.

"German Syrup" Justice of the Peace, George Wilkinson, of Lowellville, Murray Co., Minn., makes a deposition concerning a severe cold. Listen to it: "In the Spring of 1888, through exposure I contracted a very severe cold that settled on my lungs. This was accompanied by excessive night sweats. One bottle of Boschee's German Syrup broke up the cold, night sweats, and all and left me in a good, healthy condition. I can give German Syrup my most earnest commendation."

Dr. Kilmer's SWAMP-ROOT. Makes Another Remarkable Cure! GIVEN UP TO DIE! Swamp-Root Dissolves a Stone in the Bladder as Large as a Goose Egg.

Dr. Kilmer & Co., Binghamton, N. Y. Gentlemen—I don't think there is a person living who can recommend your Swamp-Root more highly than myself. I have been a great sufferer for several years; every organ in my body seemed to be out of order; was under the care of different physicians for nearly two years; tried every doctor in our town and used other medicine, but continued to suffer and bleed until I was a physical wreck. I was a physician myself, and learned physicians made examinations and recommended my case one of the most difficult cases they had ever seen. I would never be any better until it was removed by a surgical operation. Oh! I thought what next? Every one felt sad; I myself gave up, as an operation seemed to me certain death.

NO USE FOR THE KNIFE! I shall never forget how timely the good news of your Swamp-Root reached me. I read you by this same mail a sample of the stone or gravel that was dissolved and expelled by the use of your Swamp-Root. It must have been as large as a good sized goose egg. I am now in excellent health, as my photograph will show. I have done a very hard summer's work and feel as well to-day as I ever did. I kept right on using Swamp-Root and it saved my life. If any one doubts my statement I will furnish proof. LAWRENCE BOWENSMITH, Druggist, 25th St., New York City.

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DANA'S SARSAPARILLA. I had tried so many different medicines without any help, I had lost all hope, when I was told of Dana's Sarsaparilla. I bought a bottle and took it internally, acting directly upon the blood and mucous surfaces of the system. Testimonials are free. Price 75c. per bottle. Sold by all druggists.

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