United States Fish commission, has been writing some very interesting papers on deep sea dredging. The commission's steamer Albatross spent many months in exploring the ocean bottom south of the New England coast. 'They fished up mud in some instances from a depth of 15,000 feet—over three miles. At this depth there are no rocks and sand. Mr. Tarr says: "Researches have shown that the ocean bed in all water deeper than 1,000 fathoms is composed of globigerina come, so called from the fact that it is mainly made up of the living and broken shells of a certain species of foraminifera, called scientifically globiger-ina. It is a thick, blue, sticky mud, con-taining but little matter besides the calcareous shells, which are so abundant. Besides this there is some meteoric iron. The total absence of sand and reeks is well marked. Ice or floating sand from the shore, as soon as it strikes the Gulf stream, is immediately carried away and deposited,

A fathom is six feet.

time has trade mark and crossed red lines on or. Take no other. Made only by WN CHEMICAL CO., BALTIMORE, MD.

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Female Regulator.

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I examined the recepe of Female Regular, and

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neets, and then (as well as now) pronounced it to

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to science, to act derectly on the womb and uterine

organs, and the organs and parts sympathizing di

fic remedy for all diseases of the wo b, and of the

CAUTION:

The country is flooded with quack nostrums, con-

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COMPLAINTS. We say to you. if you value your life-

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is purely vegetable compound, and is only intended

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OF SWEET GUM AND MULLEIN.

The Sweet Gum from a tree of the same name rowing in the South, combined with a tea made from the Mallein plant of the old fields. For sale by all druggists at 25 cents and \$1.00 per bottle. WALTER A. TAYLOR, Atlanta, Ga.

ITCHING

ed by Cuticura.

BUZEMA ON A CHILD.

TETTER OF THE SCALP

COVERED WITH BLOTCHES.

BES P for IT HING BISE 18ES.

One of our customers say your CUTICURA REMEDIES are the best he can find for it hing of the skin. He tried all others and found no relief until he used yours.

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ANTI-PAIN PLASTER to the achieg
sides and back, the weak and palaiu muscles, the size chest and hacking cuigh, and every pain and ache
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Sold by all druggists. Send for our treatise on

THE BRADFIELD REGULATOR CO.,

Box 28, Atlanta, Ga.

diacent organs and parts. Yours truly,

BAWARE OF ALL SUCH!

ses 1 is an absolute

hich gives all particulars.

ATLANTA, GA., Feb. 20, 1884.

JESSE BORING, M. D., D. D.

The pressure of the water at such a depth is something tremendous. It is so great that when a fish is brought up from a mile or more down, and the weight thus removed the moment he reaches the surface his air bladder expands till it forces itself out of his mouth in the manner shown in the picture.

It is interesting to know how these deep sea soundings are taken. The water is so dense that no ordinary plummet would pass through it. A cannon ball is therefore used for the weight. It is so nicely balanced that the moment the bottom is touched the cannon ball is released, and lies upon the bot-tom mud. This is indicated by a spring at the top. It takes half an hour to sound 3,000 fathoms. That is about the maximum depth reached. Then the deep sea trawl is put on. This is a sort of gigantic scoop shovel, which scrapes along the bottom as the steamer moves slowly.



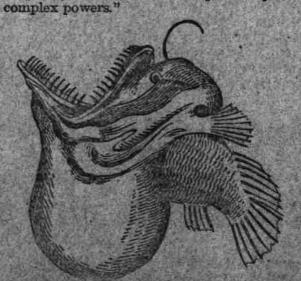
from an ocean bottom rather more than two miles below the surface. Observe its huge mouth, adapted to swallowing everything. This mouth seems to belong to most of the deep sea fish. They open their voracious jaws and swallow great quantities of the blue mud. The infinitessimal creatures in it nourish them.

that they have eyes. Therefore, there must be light at these vast ocean depths. It comes probably from a brilliant phosphorescent luster in the fish themselves. Indeed, some of them retain this luster after being brought to the surface.

scope showed some curious facts. The mud is made up of millions of tiny shells, beautifully colored. It is shells like this that crumble together and form chalk. The chalk cliffs of England are composed of myriads of such. The speck of a creature that lives in them is a species of the amoeba. This little creature is the lowest form of life. It has neither head, foot nor stomack, but any part of its body can serve for any or all of these. How it is done Mr. Tarr nar-

"When they wish to move they send out a pseudo pod or little foot, which may be any part of the elastic cell wall, and then the Your most valuable Cuticura Remedies have done my child so much good that I feel like saying this for the benefit of those who are troubled with skin disease. My little girl was troubled with Eczema, and I tried several doctors and medicines, but did not do her any good until I used the Cuticura Remedies, which speedily cured her, for which I owe you many thanks and many nights of rest. body actually begins to flow from itself into its foot. If the foot touches a digestible object another smaller one is sent out, and the two surround the object, join together, and thus two pseudo-pods become one, with the object within. The ease with which they can dispose of the cell wall to accomplish this makes the whole process seem like magic. It is in these animals that we see the first formation of temporary organs. As we go higher these become fixed as perma-I was almost completely bald, caused by Tetter of the top of the scalp. I used your UTICURA REMADIAS about six weeks and they cured my scalp perfectly, and now my hair is coming back as thick as it ever was.

J. P. CHOICE, Whitesboro, Texas. nent organs, and the next higher step of animal life has one part of the body fixed as a permanent mouth, another as a stomach, while other definite parts afford locomotive power. Although so simple these tiny creatures are wonderful because of their very simplicity of structure accompanied by such I want to tell you that your CUTICURA HESUL-VENT is magnificent. About three months ago my face was covered with Biotches, and after using three bottles of RESOLVENT I was perfectly cured FREDERICK MAITER, 23 St. Charles St., New Orleans, La.



the anomene from place to place; but in re-cloth, and the other of whits satin, silk or turn it is furnished with a comfortable, Marseilles, which may be quite plain or emtransportable house, which grows at about broklered in a white vine as a border, or else the same rate the hermit grows, and is thus an accommodating house. If the shell was not absorbed the hermit would outgrow it and leave it, and the anemone would be obliged to remain in one place. This is a remarkable case of division of labor among the lever animals entirely different kinds working together for the common good. One furnishes the house for a crab with a very delicate, unprotected abdomen, while the crab returns the favor by transporting the other from place to place, and keeping it upright."

broidered in a white vine as a border, or else with sprays or leaves outlined with color strewn about all over the vest fronts.

Overcoats are three-seamed, semi-fitting sand velvet collar; they are of medium length, reaching just below the knee. Beaver cloths, Elysian beavers and Meltons are the materials most used, and the colors are brown, black and gray. The long Chesterfield overcoat with a hood is semi-fitting and resembles an ulster, but has no belt.

The labors of the Albatross crew have added to our knowledge of submarine life animals never seen before. It also proved that many fossil fishes supposed to be extinct, and to belong only to a former age, are yet living at tremendous sea depths. Among these may be mentioned the crinoids.

New Under-Water Torpedo.

Capt. Howell, of the United States navy, has added another to the long list of patent submarine torpedoes which have already been put upon an unoffending world. Capt. Howell's torpedo, if it is a success, will run under water, steer itself and carry forty pounds of explosives. Twenty-four trials have been made with varying speed. The aim in view was to launch the torpedo from a vessel and have it propel itself at good of the guests, while the bridegroom apspeed in a direct line as pointed at a constant depth. A speed of eighteen miles an silk hats are six and three-quarter inches hour for 200 yards was obtained, with an extreme range of over 500 yards, while perfect direction has been combined with great regularity of submergence.

The torpedo is eigar-shaped, and weighs 284 pounds. The extreme length is 9 feet; diameter, 131/2 inches; shell of galvanized iron, one-thirty-second of an inch in thickness. The machinery consists of a fly-wheel with axes transverse, geared to twin screws. The submergence is effected by the relative action on the horizontal rudder of a spring, and a water pressure which varies with the depth. The device by which the torpedo is steered is, however, the most interesting. The automatic steering and diving apparatus weighs five pounds, and is placed in a chamber in the rear, to which the water has access. The steering apparatus is on the principle of a gyroscope, which being solicited to turn about two axes at the same time, revolves about the resultant axis. So the torpedo, when acted on by a deflecting force, rolls to right or left, if the tendency to dependulum actuates as a rudder, the torpedo | it . is rolled back, which is equivalent to steering it, since the original deflecting force has been followed by an equal opposite rudder force. This is supposed to be the only torpedo which steers itself.

Facts of Interest.

Dr. Albert Thompson, a young Irish physician, has been presented with the Albert medal for removing poison in a case of diphtheria by sucking it away.

It is predicted that, in the course of the next five years, the steel nail will have as steel rail has its iron predecessor.

The Standard Oil company have a scheme to pipe natural gas from Pittsburg to Buffalo for fuel. The lack of pressure through friction in the pipes will be overcome by pumping the gas.

A peculiar accident occurred recently at South Abington, Mass. The Brockton branch train, when running around the Y curve, jumped the rails, ran quite a distance on the sleepers, and then, striking a patent switch, took to the rails again in good style, without doing the slightest damage to the train, merely giving the passengers a good

Professor Wagner publishes analyses in support of his conclusion that steamed potatoes are far more nutritious than boiled ones. In the process of boiling the vegetables give up considerable portions of nutritious salts, while they also take up more water than when steamed, and become proportionately weaker.

Enameled Glass. The season of the holidays has brought into the markets some exquisitely artistic enameled glass. It is more beautiful than gold and silver on account of the crystal sparkle and varying color. It is nearly as expensive as gold and silver, too.

This glass is imported from Bohemia. The ground work of a transparent vase may be amber color. Upon the outside of it are flowers in red, perhaps with green leaves and buds in most beautiful shades of color. Gilding is employed also in the articles. Some of the large show windows in New Yerk are devoted to exhibits of this fabric. It is claimed to be something quite new. One gets a dazzling idea of the artistic possibilities of just common glass by looking into such a window lighted by electricity. An untold variety of articles is made of the snameled ware. There are vases of all shapes and sizes, oyster plates, punch bowls, wine sets, fruit dishes and many other things of use. Then there are small and large things that are simply pretty to look at without end. The objects that come in this ware are specially adapted for holiday presents. Some of the smallest articles are as low in price as fifty centa

Men's Fashions for Winter. [Harper's Bassr.] BUSINESS SUITS.

spun cloths made in cottages and fishermen's huts, are the most stylish choice for business and traveling suits for men. These are of rough, widely-twilled wool of most irregular threads, and are preferred in brown and gray shades. Checked woolens and Scotch mixtures are also generally used. The suit of three pieces is alike, and consists of a sack or a four-buttoned cutaway coat, a single-breasted vest with a collar, and trousers larger than those of last winter.

DAY DRESS SUITS. The double-breasted Prince Albert frock-coat of black diagonal cloth is the correct choice for day dress suits for weddings, both in the morning and afternoon, for bridegroom, ushers and guests alike, and also for groom, ushers and guests alike, and also for day receptions, ceremonies, visits, church, etc. Wide diagonals are used for this coat, and the vest may be made of the same, but there are also many white tollenette vests worn; these are of plain, smooth, white cloth; and there are fanciful figured vests of different materials. The trousers are large, and are made of small fancy plaids, cross-bars or stripes, and a wider range of colors is seen in the ethan the stereotyped

HATS, SHOES AND GLOVES. Walking shoes are buttoned cal f-skin gait ers with medium rounded toes, instead of the pointed toes worn before trousers were widened. Patent leather foxing is on dress raiters. Morocco slippers for neglige have a soft back' that folds inside on the sole, shaping them like mules. Tan-co'ored gloves with wide brown or black stitching on the back are worn on the street, at church, and at day entertainments. Pearl-colored gloves, similarly stitched, are worn at day weddings, and are seen at the opera, especially on elderly men. The tendency is toward a return to gloves for all full-dress occasions, and ladies are always glad to see them in the ball room. At recent fashi nable weddings a church in the daytime vary light tan-colored gloves are worn by the ushers and most proached the altar without gloves. Black all occasions, and are in especial favor with young men. Business has of felt are in Derby shapes, with a full round crown five and three-quarter inches in height and heavily curled brim

The Latest and Best in Overshoes.

The very latest protection for the feet and ankles in wet and snowy weather is gossamer legged rubber boot, which market, It is really a rubber to which is fastened a leg of the best gossamer rubber material, long enough to fasten with a rubber strap and buckle over the knee. The leg is wide enough to allow the boot to be drawn on very easily, and this extra fullness is held in place by a lacing in the eyelets of two folds, which start one on each side the ankle, just under the rubber proper and extend n arly to the knee. This makes the boot trim and graceful in shape, and as the flect be to the right or left. As the rolling boot is whole and waterproof from the toe to of the torpedo through the intervention of a the knee, one can readily see the advantages are sure to get damp and wet the ankles in snowy or rainy weather; while for children they are immensely superior to rubber boots. because of their lightness and in that they may be worn over any leather boot.

Some More Evening Dresses. We have shown our readers illustrations of about every style of dress that is fashionable this winter. But the evening and party cosreally cannot do better than to give a few more of them. They were never more splencompletely supplanted the iron nail as the did or more beautiful. With the return of good times they are as rich and varied in colors as flowers in nature's own garden, which they resemble.



EVENING COSTUME-FIG. L. This is a suit of black velvet. The draping and trimming are of black embroidered tulle. The bodice has a long point, cut out square in the neck and filled in with black tulle. Bows of two kinds of ottoman ribbon, black and deep pink. The ribbon bows are very profuse on house dresses this winter. The arrangement of the kno's upon the shoulders is very popular—a short, full bow upon the right shoulder and one with long, flowing ends upon the left one; feathers and knot of ribbon in the hair; elbow sleeves, with long,



EVENING DRESS-FIG. 2. In Fig. 2 the skirt is of dark red velvet, trimmed with three wide diagonal bands of pearl embroidery on a salmon-colored ground. The long, ample drapery is of a large-meshed dark red gauze. The square-necked velvet corsage has a salmon-colored plastron embroidered in pearl beads, and small cap sleeves, which, like the rest of the waist, are studded with large pearl beads at the edges.

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FASHIONLETS.

Plush is much used for ball dresses Men are wearing gloves again for dress Surah silk is very popular for young





J. A. POLK.

Household

IT YEVER PAILS TO CUME ALL ACRES AND PAINS.

This certifies that I have used the medicine named "Bornets' Nest Limin ent" sold by W. N. ullen, and am satisfied that it has real ment. I can recommend it as a good remedy Will do wh the claimed for it.

T. W. GUTHRIE,

Dear Sir;—I used your Hornets' Nest Liniment in a severe case of diarrhosa and find it has no equal.

One dose cured me. Respectfully, R. B. Wallack. OAR GROVE, N. C., July 28th, 1885.

Mr. W. N. Munien:— This will certify that I have used your Hornets' hest Liniment and am satisfied that it will do what is claimed for it. It is good in colle, sore throat headache, etc.

This is to contify that I used your firmer's Nest Livinger ton soft Corns and it cured them in two weeks by applying a three times a week.

For sale by all Druggists and Country Merchants.

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Sick

Headache are permanently cured every year (as the hundreds just been patented and put into the of testimonials in my possession will testify) by the use of

DR. LESLIE'S

Special Prescription. This medicine stands to-day without a rival, and with scarcely a competitor in the world. Thousands of physicians throughout the country have acknowledged their inability to cure it, and are now prescribing Dr. Leslie's Special Prescription for all cases of

Headache

in either its nervous, bilious or congestive form, arising from obstruction, congestion or torpidity of the liver. When I say that Dr. Leslie's

SPECIAL

tumes are so varied and so handsome that we really cannot do better than to give a few that it not merely relieves but

Positively

cures, no matter how long the case may have been standing

I have testimonials from persons who have been efflicted for twenty years, being confined to bed two
or three days at a time every two weeks, that have been permanently cured by two bodies of Dr. Leslie's Special

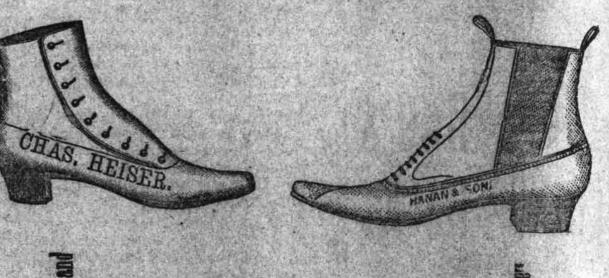
PRESCRIPTION

so that they have not had an attack for over five years. If you are troubled with sick headache and

be sure and give this remedy a trial. Price 50c, and \$1.00. S. B. ARCHER, Saratoga Springs, N. Y.

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Female

STATESVILLE, N. C.

THE SPBING TPRM of this institution will be gin wedne day, January 20, 1866.
The last year has been a very prosperous one. The attention of parents and gnar is as directed to the full corps of alle teachers, the healthy location, excellent fare and reasonable charges.

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CHARLOTTE REAL PRIATE AGENCY.

Life Three Miles Under Water. Mr. Ralph S. Tarr, connected with the

and this serves as an effectual barrier to all

such foreign matter."



EFFECT OF EXPANSION ON AIR BLADDER OF A DEEP SEA FISH.

restly with these; and, therefore, providing a speci-

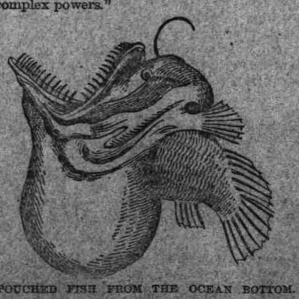
The trawl brought up bushels of strange fish and animals. The ocean bottom seemed to be paved with star fish from the vast numbers that came up with the dredge. Hardly any foreign article except cinders is brought up with the mud. The animals under water are so voracious that they ever devour wood. All the bits of timber that the commission brought from these depths

were small pieces, badly bitten.

The illustration shows a strange fish taken

Another remarkable fact about the fish is

A bit of the blue mud under the micro-Skin Diseases Instantly Reliev. TREATMENT.—A warm bath with CUTICURA SOAP, and a single application of CUTICURA, the great skin Cure. This repeated dilly, with two or three doses of CUTICURA RESOLVENT, the New Blood Purifier, to keep the blood cool, the perspiration, pure and unirretating, the bowels open, the liver and kidneys active, will speedly cure Eczema. Tetter, kingworm, Psoriasis, Lichen, Pruritus, Scall Head, Dandruff and every species of Itching Scaly and Pimpty Humors of the Scaly and Sin, when the best of physicians and remedies fall.



Another sublimely ugly creature is the pouched fish, with its grotesque shape and grinning jaws. A marvelous unit of life, too, is the evizoanthus, a deep sea enemous. The five and let live doctrine is curiously ithis trated it its case. The writer says:

'It servet a a singly substance in its body walls. After the free swimming, stage it slways attaches itself to the back of a shell inhabited by a largest to the back of a shell inhabited by a largest transports. The crab thus transports

Whatever you do, don't say editress dectress or poetess. It is vulgar.

Bowling alleys and gymnasiums assistionable and healthful for women.

ladies' and girls' dresses.