

POPULAR SCIENCE.

Chloroform does not act upon the heart.

The Union Pacific has an engine weighing 108 tons.

A child just born has less chance of living a year than an octogenarian.

The blood in a human body makes the round trip of the veins in twenty-five seconds.

Slaughter houses in Scotland are furnished with apparatus for stunning cattle by electricity.

At a public entertainment in Paris recently, a young man was hypnotized. Two days elapsed before he was restored to consciousness.

Sweet potato flour, warranted to keep in any climate, is now promised. It is to be made from the kiln-dried chips by a patented process.

The discovery of an immense deposit of nickel near Duluth, Minnesota, is reported. It is said to be twelve miles long, ten feet wide and of an unknown depth.

A man of Sidney, New South Wales, lost both feet some years ago, but is now enabled to go about his business, without even a cane as support, by the use of wooden feet to which roller skates are firmly screwed.

The latest mineral development in Arizona is a deposit of black onyx. It is a black as jet, exceedingly hard and takes a fine polish. The ledge is situated in the Grand canon and is said to be very extensive.

A correspondent of Invention suggests repeated examinations of the sea water as a precaution for vessels during fog. Approach to land, rocks or icebergs would be indicated by increasing turbidity of the water.

A ray of light, which would travel around the earth in about one-eighth of a second takes more than four hours to come from Neptune. From Alpha Centauri, the nearest fixed star, light makes the journey in five and a half years.

A compound locomotive, built for the Pennsylvania Railroad at the locomotive works at Schenectady, N. Y., has commenced doing duty on the Pittsburg division. It weighs 136,000 pounds, has ten wheels on each side, and the drivers are six feet and two inches in diameter.

A new life-saving apparatus is being constructed at Toulon, France. It consists of a small vessel fitted with a rudder and a clockwork movement, and is intended to carry from the shore to a ship in distress a line by which may be drawn on board a cable or other instrument for saving life.

European foxes, introduced by some mishap into Australia, are now spreading and are destructive to the lambs and poultry. It is to be noted that they are said to attain greater size and strength in Australia than in England, and the mild climate is highly favorable to their increase in number.

On the place of W. B. Keele, Waycross, Ga., there are two wells and the water in them seems to be boiling all the time. Upon investigation the fact was disclosed that the bubbling is caused from air issuing from fissures in the earth

below the surface of the water. Where the air comes from is a mystery, as the disturbed condition of the water was never noticed until a few days ago.

CURIOUS FACTS.

The silver dollar of 1804 is worth \$600. There are oak trees in existence 1000 years old.

In Mexican theatres they pay for each act separately.

Thirty-four pounds of raw sugar make twenty-one pounds refined.

A straw hat and a linen duster have been worn for forty winters by Dr. S. B. Victor, of Columbia, Mo.

A London publisher is going to reproduce the first folio, 1633 edition of Shakespere by means of photography.

A piece of ground was recently sold in Chicago at a price which in silver would cover the entire lot with three layers of silver.

In one of the public schools in New York City there are 710 pupils, all but ten of whom are of foreign birth and language.

The vastness of Krupp's gun works at Essen, Germany, is indicated by the fact that they consume nearly 2000 tons of coal and coke a day.

A woman living in Jasper county, Missouri, is reported to have been made deaf and dumb by a lightning stroke, during a recent storm.

A new-fangled electric light bath is said to tan a man's face so well that his friends will think he has passed many weeks at the seashore.

The laughing jackass, when warning his feathered mates that daybreak is at hand, utters a cry resembling a group of boys shouting, whooping and laughing in a wild chorus.

Blockman, the murderer who was executed at Greenboro, N. C., the other day, was hanged with the rope that ended the life of one of the Chicago anarchists on the scaffold.

The natural configuration of many mountains suggests the human face, and such physiognomies cut out of the rocks on a gigantic scale are commonly regarded by savages as objects of worship.

The sisal grass of Yucatan is one of the most remarkable vegetable products known. It grows in long blades, sometimes to the length of four or five feet, and, when dry, the blade curls up from side to side, making a cord which is stronger than any cotton string of equal size that has ever been manufactured.

In the middle ages every family who could afford the luxury kept a dwarf, whose principal duties were to look as ugly as possible and to receive with equal manifestations of gratitude the chidings of his mistress and the kicks of her guests. No royal court was considered complete without a dwarf, who, as a court jester, amused by his wit, or, more commonly, served as a butt for the wit of others.

SQUEAKING SANDS.

Singing sands are found in many parts of the United States, but squeaking sands are not so common. There is only one place in this country where the squeaking sand is found, and that is a

HURD & DAVENPORT.

We have Just Received

An immense line of Dry Goods, Fancy Goods, Ladies' Hoods, Fascinators, Infants' Hoods and Sacks. Come early for bargains—before supply is exhausted.

Our Winter Stock Of Boots and Shoes

Has arrived. Fine assortment for both ladies and gentlemen. Do not fail to ask for our famous Jack and Jill children school shoe—all sizes.

HURD & DAVENPORT.

Groceries, Groceries, Groceries!

Fresh stock always on hand.

Well Selected

Stock of Hats. In this line we excel all competitors.

For a Few Days

We will close out our entire line of Straw Goods. Those desiring a 'way down bargain will call at once. These goods will go at half price.

HURD & DAVENPORT.

small plain in South Colorado. The singing sand emits a musical sound only when dry, and loses this property on becoming dampened. The squeaking sand, on the other hand, is silent when dry and squeaks best and loudest when moistened. The sound it gives forth is by no means loud, but somewhat resembles the squeaking of an armchair. It sounds when rubbed between the fingers or when placed in a small bag and violently struck, but the cause of the sound is a mystery.

Disagreeable Habit of Childhood.

"My little girl, who is only five years old, is literally spoiling the shape of her finger tips by biting her nails," complained a young mother to an elderly woman as they sat on the hotel piazza over their fancy work. "I have punished her repeatedly, but nothing makes the least impression on her, and the habit continues to grow." The elderly woman, whose reputation for general information is well founded, recommended the following remedy: Make a very thick solution of gum arabic, much thicker than for common mucilage, and mix with it a liberal supply of powdered quinine. Apply this to the child's fingers at night and two or three times during the day, and the habit will immediately be broken up. The same remedy is very efficacious in cases where children suck their thumbs, which habit, if indulged in for any length of time, spoils the shape of the lips, and is also liable to permanently injure the digestion.

A Scientific Ear for the Army.

Authorities in France have been trying the cryptophone for military and naval purpose. For military use, the apparatus consists of a highly sensitive vibrator and microphone suitably arranged in a pine box, which is buried two or three feet under the road to be watched. Wires lead to a bell or other signal at the observing station. When an alarm is given the observer connects a telephone, and is able to hear the movements over the road and even to determine its direction, the apparatus being so sensitive as to indicate the presence of an half dozen men or a single cart. The

instruments for naval use are so modified as to be made water tight. In the experiments made, the thud of a vessel's screw was plainly heard a mile and a quarter away; and it is believed that four cryptophones would effectually warn a warship of the approach and course of a torpedo boat. The instruments may also be used for communicating between vessels, or for guarding against collision during a fog.

There is a cat in Portland, Indiana, which associates entirely with the hens, eating every thing they eat, even to shelled corn; and every night it perches itself on the roost side of the old rooster. The hens have learned to accept the situation, and now look upon the cat as one of themselves.

How's This!

We offer One Hundred Dollars reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure. F. J. CHENEY & Co., Toledo, O. We, the undersigned have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm. WEST & TRUAX, Wholesale Druggists, Toledo, O. WALKING, KISSAN & MARVIN, Wholesale Druggists, Toledo, O. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price 75c. per bottle. Sold by all Druggists. D-16

FOR SALE.

A fine farm of 160 acres situated on the Lakes South from Florence. This ranch is mostly alder and vine maple bottom land, having nearly a mile lake frontage. Ten acres under cultivation and 5 more slashed; a good orchard just come into bearing; 5 rooms in a frame house that is ceiled and papered; good out-buildings, and stock of all kinds will be sold with the place at reasonable prices if desired. Price of farm, \$2000; one half cash and reasonable time given for balance. Apply for further particulars at this office.

CHURCH DIRECTORY.

PRESBYTERIAN CHURCH, Florence, Oregon. Sabbath service: Sabbath-school, 10 o'clock a. m. Preaching, 11 o'clock a. m. and 7 p. m. Sacrament of the Lord's supper on 4th Sabbath of March, June, September and December. Everybody is welcome to all the services. Pastor requests Christians to make themselves known. A. ROBINSON, Pastor. G. M. MILLER, A. E. PICKLE, L. F. POWERS, Elders.