

POWER FROM VOLCANIC HEAT

Italian Industry Has Probably the Cheapest Motive Forces in the Universe Today.

In central Italy there is a large electric powerhouse that obtains its initial driving power from volcanic heat in the neighborhood are many cracks in the ground, from which powerful jets of very hot steam spout high into the air. Early experiments in using the steam for driving engines failed commercially, for the borax salts, sulphurated hydrogen and sulphuric acid in the steam, on account of the corrosive action, made necessary frequent repairs. The difficulty has been overcome by applying the steam, not directly, but to a boiler in place of fuel. So applied it produces steam in the boiler at a pressure of two atmospheres, which is then passed through a superheater and on to the steam turbine used for driving electric generators.

Prince Giorio-Conti, who financed the undertaking, has made three large installations on that system. One of 3,000-kilowatt units has been at work since January, 1910; the second since April of that year, and the third started not long ago. So far these groups have worked very well and have been a great boon to the industries of Tuscany, which have been under a great disadvantage owing to the scarcity and high price of coal. Since the volcanic region extends for many square miles around Darderello there is nothing to prevent the installations from being increased until they produce thousands of horsepower.

WILL MEAN MUCH TO ARIZONA

New Mexican Harbor, Soon to Be Developed, of Vital Interest Also to Southwestern States.

The new Mexican harbor at Rocky Point, on St. George's bay, which, dispatches state, is to be developed very soon, will open to passenger traffic and commercial development a rich portion of the southwestern United States, as well as a part of the North American continent on the Gulf of California that is little known and explored, according to a bulletin of the National Geographic society from its Washington headquarters. The bay of St. George marks the northern limit of deep water in the Gulf of California, and when its new harbor is connected by a short spur of track with the railroad already in existence, there will be an all-water outlet through the Panama canal to eastern United States for the mines of Arizona. Once, just after the Civil war, the people of the Arizona mines had all their supplies brought them from California by water, the ships steaming down the California coast to Yuma, and now it seems that the old method of handling their products will come into vogue again.

Spread of Dental Clinics

According to returns received in reply to a questionnaire recently sent out by the United States bureau of education, 286 cities in the United States have established dental clinics in connection with their public school systems. These clinics receive support in 181 instances from the city boards of education; in 93 from the health departments and boards of education jointly, and in 50 from the Red Cross or private donations. Massachusetts outranks all other states with respect to number of cities maintaining dental clinics, having claim to 84 of the total of 286; then comes New York state with 26, New Jersey, 21; Illinois, 17; Michigan, Ohio and Wisconsin, 16 each; Indiana and Pennsylvania, 14 each; California, 11; Rhode Island, 8, and the remaining states from 7 to 3 each.

Waterfowl Peoulier.

The way of the waterfowl are as strange as the ways of men. Not very long ago a matronly wild duck held up all traffic on Beacon street, in Boston, while she conveyed a large brood under the noses of the panting motors to a summer home in the Fenway. And now we have Lord Grey telling a Berwick audience, of a wood-duck who built in a hollow elm 500 yards from the water. When the eggs were hatched, she flew down from the hole into the grass, and began to call. Thereupon the ducklings scrambled two feet up the inside of the tree to the mouth of the hole, and then fell from there to the ground, a matter of some 91 feet. And yet it is said that only a cat has nine lives.

Machine Ties a Square Knot.

One of the new applications of small motors is the tying of knots. It takes an expert to tie a knot properly by hand. It seemed to be one of the hand operations that would not soon be usurped by a machine, yet here is a parcel tied driven by a half horsepower motor that automatically ties and releases each knot or box placed on its table. Moreover, the machine may be depended upon to tie a square knot and after the tying is completed the parcel is thrown off to make room for the next.

South American Captain Goes Missing.

News that the captain of the United States battleship anchored has led to the disappearance of an interesting individual. Captain William Lawrence, who was serving on the battleship, was reported missing on the 21st. The ship was in the Gulf of Mexico, and the captain was reported to have been seen in the vicinity of the ship on the 21st. The ship was in the Gulf of Mexico, and the captain was reported to have been seen in the vicinity of the ship on the 21st.

SEEK TREASURE LONG BURIED

Search Being Made in Italy for Wealth Concealed Since Centuries Before Birth of Christ.

Robert Louis Stevenson or Alexandre Dumas could hardly have produced a more romantic story than that which comes from Bisceglie, in the province of Bari, writes a Rome correspondent.

A week or two ago an Italian widow returned from Jerusalem declaring that she was in possession of an old parchment written in Italian, and given to her father by a monk of Bisceglie, which contains indications of the whereabouts of an enormous hidden treasure.

Until recently the widow has not had enough money to carry out the excavation for the treasure, which is said to consist of 150 silver vases and 20 other vases full of gold coins, 31 of silver, five of antique work of art, 80 boxes of jewels, and a large earthenware vessel full of pearls. Now the excavation has begun.

LINK TO PREHISTORIC TIMES

Discovery Made in South America Strengthens Theory Long Held Concerning Ancient Land Bridge.

A report has been published by the Field Museum of Natural History, at Chicago, describing an animal discovered in South America, which is a survivor of a prehistoric period. This animal known as Cenolestes, is small and looks like a sharp-toothed rat, but is different from any other living animal. Its bones and teeth are essentially the same as those of a group of animals now extinct and known only through fossils hundreds of thousands of years old. It has a pouch like the kangaroo, and its existence may indicate some truth in the theory that South America and Australia were connected by land in prehistoric times, since pouched animals exist in both places. The original stock may have spread from South America to Australia, or vice versa, or it may have originated in a long-vanished continent, the so-called Antarctica, and spread north to both continents, over a land bridge, which is supposed to have linked the three. Popular Mechanics Magazine.

No More "Shrimp Dances"

Owing to new machinery the "shrimp dance" that for years has marked the work on the shrimp-drying platform along the Louisiana coast, this year goes into limbo.

Machinery will "chuck" the sundried shrimps. Boiled in salt water in great copper vats, dried in the sunshine to ribbery readiness, the shrimp were swept up into huge circles in past years. Then, to the sound of guitar, banjo or accordion, the husky platform workers, hands on hips, shuffled over the piles of shrimp. Beneath their tread the brittle shells cracked.

After the dance the pinkish shrimp meat was shoveled on great screens, the brittle shell fragments falling through, while the piles of dried flesh were packed in barrels.

The shrimp industry in Louisiana has grown to great proportions. During 1910, 20,716 persons were employed by the industry, more than 3,000,000 was invested in the fleets, and the catch was listed by the government at 20,000,000 pounds.

His Inspiration.

Mrs. Alice Allan Arnold, the moving picture censor of Denver, said in a lecture: "But the worst film of all, to my mind, are those that take religious subjects and turn them into sensational, heartless entertainments. I once saw the 'Temptation of St. Anthony' filmed in this way. An elderly hillside vicar, having seen it too, said afterward at the club: 'A great film that. I realized as it unfolded before me that for the first time in my life, by George, I wished I was a saint.'—From the Argonaut.

A Baseball Romance.

"Mamma," said the young thing, "I want you to stop talking me into Mr. Gott's company all the time. People are talking."

Keep on Thinking You are Pitcher.

Keep on thinking you are pitcher, and you will get your curves and throw the ball. Richmond News-Examiner.

OUR CHURCHES

There will be no preaching service Sunday morning.

Bible School at regular hour. Thursday evening, Dec. 28th, will be the regular covenant meeting and business session for the church. Let there be a large attendance.

METHODIST EPISCOPAL CHURCH

Rev. W. H. Smith, Minister

10:30 a. m., morning worship. Christmas music, and sermon on "The Great Prophecy of the Messiah." 12:00 M., Sunday School. 7:30 p. m., evening worship, sermon by the pastor on "Peace on Earth, Good Will To Men: a Message on Disarmament and World Peace." Mid-week service every Thursday at 7:30 p. m. On Thursday, Dec. 28th, Mr. Smith will give an address on "A Visit to Bethlehem" and will throw on the screen some beautiful pictures of Bethlehem, and also some reproductions of masterpieces of art, showing the Madonna and Child. All are invited.

PRESBYTERIAN CHURCH

Rev. Royal E. MacGowan, Minister

December 25th: 10:30 a. m., morning service. "The Message of Christmas," a Christmas sermon by the pastor. 7:30 p. m., evening service, sermon "The Open Door." Sunday School immediately following the morning service. 6:45 C. E. Meeting, topic: "Follow-

ing the Star," with the story of the Christmas Eve, led by the pastor. A cordial invitation is extended to all the young folks. Mid-week service, Thursday evening, 7:30.

The Christmas exercises, free and entertainment will be held on Saturday evening, December 24th. Every one is invited to be present and enjoy a happy Christmas eve.

THE STANDING BROAD GRIN

The leaves were down, the trees were bare, like my smooth crown bereft of hair. My pen was chilled by autumn's gale, and warned by brisk December breezes, I stood long since my B. V. Deezes. I sat before the kitchen stove and that with useful soul how many Rural Rhymes it takes to buy you a coal. The shades of night were falling fast when thru the town some boy scouts passed, their banner bearing words like these, "Smile a little wider please." O friends for you and me, I wis, a need of lesson lies in this, and we might well adopt, I wot, the motto which those lads have got. I have a very homely mug which looks its worst when shut up snug, but I am always at my best with mouth spread out from east to west. Why should I make my troubles known, when other gents have got their own and have no respite or relief from fifty-seven kinds of grief. To all my gloom I've tied a can, I'll grin like Happy Hooligan. No more shall worry keep me slim; I'm waxing fat like Sunny Jim. O-join with me, this lesson seize and smile a little wider please.

—BOB ADAMS.

Our classified Ads get results.

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Come to the CITY BOOK STORE, Wellsville, N. Y., for your Christmas shopping. You will find gifts suitable for every member of the family and all your friends. And we will save you money on all lines. You will find our prices below your expectations. Our line of Christmas Cards is the finest we have ever shown. Lots of Toys of all kinds including Dolls, Games, Wagons, Autos, Doll Carriages, Coasters, Wagons and the prices are low. Everything in the Book line for all ages. A fine line of Stationery. Sleds galore including the SKI Sleds. Come in while the line is complete. Trade is booming, but we want to see you come.

TUTTLE & ROCKWELL CO.
Main St. "The Big Christmas Store" Hornell
GREAT DISPLAY OF Practical Christmas Gifts
IN EVERY DEPARTMENT
TOYS: The hundreds of things in Tuttle & Rockwell's Toyland are making little faces dimple and smile. New games, new toys, new dolls, new books, new rocking horses and hundreds of other things are here. Come to-morrow and every day.
Books: Let there be a book or two beneath the Christmas hough. Basement.
Camisoles 95c: They are of the better kind, made of Pink Wash Satin and daintily trimmed with laces, ribbons and embroidery. They're very special at 95c. Well made, good quality outing, they are great bargains at 95c.
Sale of Silk Jersey Pettiskirts and Pettibockers: Our entire stock included in a great sale. Beautiful qualities and colors at \$2.75 to \$3.95.
Women's and Misses' Outing Gowns 95c: Children's Underwear: Meaning Underwear for children it is always well to look carefully after the underwear wants of the smaller folks. Full stocks of all the wanted weights and sizes are to be found at Tuttle & Rockwell's.
The Hoover Cleaner: The Ideal Christmas Gift. Arrange now for delivery when wanted.
Pattern Cloths: 70x70 all linen pattern cloths, in seven excellent patterns. This cloth sold as high as \$10.00. Special \$3.97.
For Mother and Sister a Handbag: Nothing like a handbag to earn the appreciation of mother or sister. They look for style and smartness in a bag just the same as they do in a dress. We are showing a complete line of leather and velvet handbags and Week-End Cases in the newest styles and colorings. In this department you will find many necessary toilet articles that will solve your gift problems.
An Ideal Gift for Mother or Wife: Why not a Hoosier Kitchen Cabinet? Is there anything you can think of that better fulfills the useful and practical idea? It's something she will use many times every day in the year. Think it over, men. It's a good tip.
Table Damask: All linen, 72-inch wide, a very good quality, Special \$1.38. All Linen Towels: Hemstitched pure linen towels, size 28x46. These come in both damask and huck, and is without a doubt the best towel we have had in five years. Very Special \$1.00 each.
Christmas Handkerchiefs: We are sure they are on every shopping list. They should be. Always acceptable and the Handkerchiefs this year are truly beautiful, sheer, dainty and fine. Plain styles, hemstitched, embroidered, initialed, hand embroidered and lace edged. Also charming novelty Handkerchiefs. Handkerchiefs for Men, Women and Children.
China and Glassware: You will find a complete display in our basement.
Camisoles 95c: Children's Knit Wear: Warm knit goods for the children. Just the thing needed to make the little folk warm, comfortable and happy. Mothers will find many suggestions in dress for the little ones here. Knitted Sweater Suits, Caps, Leggings, Mittens, etc. Second Floor.
Neckwear: Neckwear in all the dainty styles and materials that appeal to women will be found at our Neckwear Capital. Many beautiful gifts may be fashioned from ribbons. Here you will find a good assortment of all kinds of ribbons while the prices are very reasonable.
Bath Robe Blankets: On our Main Floor you will find a splendid assortment of bath robe blankets and

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ANDOVER No. 558 Meets 1st and 3rd of each month at 8 always welcome. J. E. T. H. D. SMITH, Secy.
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