DAKOTA COUNTY HERALD; DAKOTA CITY, NEBRASKA.

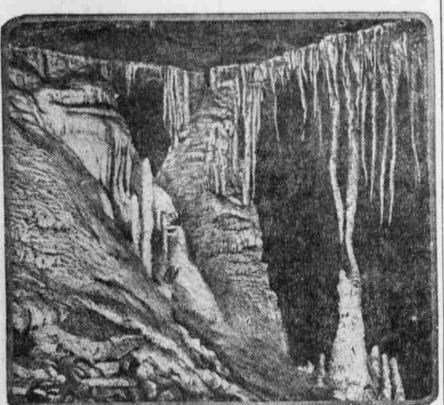


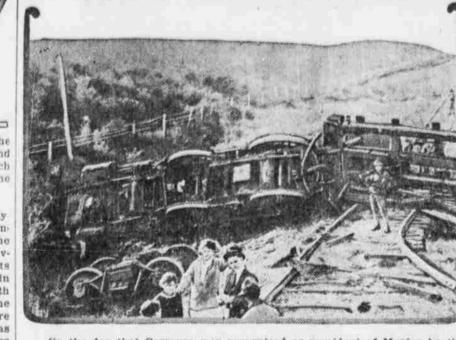
AMMOTH CAVE, the largest | cade into what may be termed the of all known caverns of the antechamber of the cave. At the end world, is situated in Edmon- of this is a grated iron doorway which on county, Kentucky, about | can be opened only by the key of the ighty-five miles by railway guide.

southwest of Louisville and not far Wonders of the Cavern. from Green river, into which the cave's Passing through the iron doorway subterranean waters empty. This sec- the visitor finds himself in the Rotuntion of Kentucky, where may be found | da, the first great vaulted room of the limestone beds frequently reaching a cave. The diameter of the entire cavthickness of 500 feet, is noted for its ern area is about ten miles, while its rocky grottoes, sink holes and caverns. known and numbered avenues are in The rocks in the vicinity of Mammoth | excess of 225, and their added length cave give evidence of but little dis- is estimated at over 150 miles The turbance by the dynamic forces of past various ramifications of the cave are ages. It is such areas of limestone so extensive that the entire area has deposits, showing comparatively level been divided into four different routes strata and located somewhat above a for the benefit of visitors, through drainage level, with small crevices or which they are taken by the official joints, that furnish the conditions for guides provided by the management of Bulletin of the Pan-American Union.

the formation of underground passage- the hotel and cave, each route having ways and enlarged chambers by the its own attractive features. From the chemical agency of underground wa- Rotunda the Main Cave, or Grand Galters, says the Spanish edition of the lery, is entered. This spiendid gallery, whose arched ceiling is 80 feet high. From a geological viewpoint the must be traversed to reach any other Mammoth cave is of comparatively re- part of the cavern. In it are found cent origin, its formation having be- many of the remarkable features gun something less than 1,000,000 Among them may be mentioned the years ago, in the Pliocene age. The Giant's Coffin, a rock shaped like an cave action began after Green river enormous sarcophagus, 40 feet long, had cut its channel down into the lime- 20 feet wide and about 8 feet deep. stone stratum which underlies this which has become detached from the section. The rain water, with its car- wall and ceiling and rests on what apbonic acid content, seeped through the pear to be its stone trestles. Its weight overlying earth and passing into and is estimated at 2,000 tons, and it rivals

through the crevices and joints of the in size the celebrated blocks of Baalstone, at that time above the level of bec in Syria. the river, began the work of solution By the burning of chemical fires and erosion. These underground wa- many singular and beautiful effects ters naturally gathered along the are produced by the guides in the variplanes of least resistance, and by the ous rooms and galleries of the cave. process of solution and subsequent One of the beautiful sights is to be erosion gradually formed what are found in the Star Chamber, a hall 70 now the passageways and chambers feet wide, 60 high and 500 long. The of the upper levels of the cave. As lofty ceiling is coated with black gypthe crevices grew in size more and sum, studded with thousands of white





WRECKED BY MEXICAN BANDITS

On the day that Carranza was recognized as president of Mexico by the United States and the Latin-American republics, Mexican bandits derailed a train near Brownsville, Tex., and robbed the passengers, murdering several who resisted. Among the dead and wounded were United States soldiers. The picture shows the wrecked train and United States soldiers on guard.



Federal Department Discards Sounding for Dragging System to Root Up Ob-

stacles. ARE DIFFICULT TO LOCATE

A Pinnacle Rock Is Like an Undersea Dagger to a Ship-Legal Importance of Having Dangerous Rocks Charted Cannot Be Overestimated.

Washington .- If an aviator flew over New York some dark night, plumbing for the Woolworth tower with an ordinary sounding line, he'd have just

ing as the hydrographic experts of the department of commerce have in locating pinnacle rocks from ten to thirty feet under the surface of the water by using the same method. Accordingly, the department is no longer "sound ing" for pinnacle rocks; it is "dragging" for them.

Pinnacle rocks are one of the gravest menaces to navigation that exist The chart is very often the means of in the coastal waters of the United fixing responsibility for a marine dis-States. New England has the most aster, either in merchant service or abundant crop of any locality and the in the navy. The captain, accused of I can remember was a horse that peris probably the st of that section

to intercept anything which would rise high enough from the bottom to be a navigation danger, and as long as the floats on the surface drag along without going under the motor boats chug away on their course.

But at the first dip of the floats, anywhere along the surface line, the motor boats stop, for the disappearance of the floats indicates the wire under water has struck a snag. If the snag is found to be a rock, its distance from the surface is ascertained and its location immediately charted. Then the wire is disengaged, the motor boats loy rides around the track. The conare started again and the department

'snag fishers" are off after another catch. The department, in a bulletin recently issued, admits that the most certain way to locate a pinnacle rock is to let a ship strike one. This effort, however, is admittedly dangerous to the passengers and extremely expensive to the owners of the boat, particularly if the rock is struck at night. In got she tried to protect herself or get the old days pinnacle rocks were not half the menace they are today. Boats were not built so large in

those days and there were not so many lines of coastwise steamers run-

ning. These coast steamers have a regular course up and down the coast, and they hold to their course so true that they may pass a pinnacle rock as much chance of locating the build at very close quarters for years without knowing of its existence.

Wire-Drag System. The new wire-drag system is the only system which will definitely and certainly establish the danger or freedom of a certain marine locality for ships. The legal importance of having all dangerous rocks noted on government charts cannot be overestimated.

tal ill treatment. sistantly throw himself in the navigation of his yes

square mile.



VIOLET CITY, MAMMOTH CAVE

more of the surface water drained into | spots caused by the efflorescence of them through the sink holes, and as the sulphate of magnesia.

to seat a thousand people.

Among the many marvels of the cave

perhaps none is more beautiful than

the magnificent passageway known as

solid rock 120 feet high; another,

Spareribs.

Cleveland Leader.

Green river cut its bed deeper into the Among the many deep abyases perlimestone underlay the cave waters haps the most interesting is what is kept pace with the process until what called the Bottomless Pit. For many had once been mere subterranean rills years no one dared to venture to cross grew into that remarkable under- this dangerous chasm, but in 1840 a ground stream which is responsible guide threw a long, slender cedar tree for the immensity of the cave's devel- across its black depths and discovered opment, Echo river. This stream now a new portion of the cave. Since then flows through the lowest levels of the a bridge has been constructed over it, cave, no less than 195 feet below the and it has been found that the abyss is highest level, and empties into Green really only 105 feet deep. One enlargement of the cave is known as Revelriver. lers' Hall, and here tables and benches

Entrance Is Picturesquo.

The cave is reached by means of a branch railway from a small station on the Louisville & Nashville railroad magnificent banquet hall large enough called Glasgow Junction, about ninety miles south of Louisville. This spur of the railroad was built to accommodate the thousands of tourists who visit this natural wonder during all Cleveland's avenue, extending a disseasons of the year. Eight and a half tance of nearly two miles, spanned by miles from the junction the railway an arch of 50 feet and having an averstops close to a picturesque old hotel, portions of which were built early in From end to end this avenue it enthe nineteenth century.

The hotel is located on a bluff directly over the main portion of the base of the whole is sulphate line. cave, the ontrance to which is reached some parts of dazzling whiteness and by means of a pathway leading down perfectly smooth and in other places into a wild and rocky ravine in a primeval forest. At the foot of the bluff, flowers, leaves and wreaths. In the in the midst of a picturesque tangle of flickering light of the torches the walls tulip, maple and butternut trees, in a and celling seem to be covered with setting of grapevines, fringing ferns diamond roses, camelias, chrysantheand green mosses, is this entrance mums and all the delicate floral beau formed by a natural arch having a ties of a botanist's paradise. One of span of 70 feet. From a frowning ledge the great chambers is knows as the above leaps a cascade of water which | Temple, having an area of about five disappears among the rocks below acres covered by a single dome of without leaving a visible stream.

A winding flight of 70 stone steps known as Lucy's dome, is over 300 conducts the visitor around the cas- feet high and 60 feet in diameter.

IODINE A FINE ANTISEPTIC sign of inflammation appeared, and

Cleveland Writer Tells of Excellent Results Which Followed Its Application in His Case.

A striking illustration of the efficacy of iodine as an antiseptic was had by the editor of this page the other day, newspaper we find a recipe for stuffed a seine. A pointed knife which he had used for sparcribs. We didn't read it. Anyall sorts of dirty work, such as clean- body who thinks he can improve ing out pipes and scraping blots off spareribs by stuffing them is mentally paper, ran into the fleshy part of the deranged. Spareribs are perfect in palm of his hand at the base of the their own right. The idea of putting thumb. Its point went in almost half anything in them to improve their an inch. A deep, punctured wound taste is on a level with painting the made by a dirty knife is about as dan- lily. In every really great food there serous a lesion as it is possible to is a far-away, indefinite taste, as

Sucking the wound, he went to a heaven that the soul sips at. The have. druggist and asked him to touch it sparerib has it, and the man or womwith some todine. Holding the punc- an who monkeys with that ineffable ture open, the druggist let a drop of savor should be sentenced to a diet tincture of iodine fall from a cork into of hash. A sparerib is in a class by the wound. It dried in a minute and itself, and is endowed by nature with he paid no further attention to it, put a delight of its own. It cannot be inting no bandage or adhesive plaster proved. It was created perfect. It is over it, and continued using his hand sacrilege to doubt its excellence or ba question its pre-eminence .- . Ohio State az usual.

hardest to chart of any American sel after having struck an obstruction coast. With the new "drag" method of some kind, may plead that the obin operation, however, charting of pin- struction was not noted on the shart. nacle rocks is becoming an easy matter.

Not only is a pinnacle rock extremely dangerous to navigation, but it is tained and the statements of the capimplies. It is a tail, rocky pinnacle is to make marine travel safe for pasof the ocean and often the area of its that the plea of uncharted rocks be top surface would not be ten square made as untenable as possible. yards. When a vessel strikes one. though, a pinnacle rock is like nothing so much as an undersea dagger.

Speed Was the Thing,

Years ago, when the coasts of the United States were first charted, it was necessary to make as much speed as possible and cover the greatest possible territory in the shortest possible time. Under such conditions the plumbing of coastal localities with a are provided and visitors may enjoy a ounding line and the determination of SUFFRAGE CAMPAIGN LEADER banquet down in the dark depths in a shoals by consideration of the general characteristics of the locality were

necessary, but these surveys left many uncharted pinnacles behind, to bring disaster to ships later on. They tell a story of a pinnacle rock

incident that occurred on one of Peary's trips to Greenland, back in the late nineties. Peary's ship was age central height of about ten feet. holding a straight course for Greenland, but owing to the cloudiness of crusted with the most beautiful for mathe weather a lookout was posted. The tions of a thousand varied shapes. The routine of the ship was suddenly disturbed by the cry of the lookout: Breakers dead ahead!" 'The helmsman spun his wheel and the ship crystallized into forms of beautiful heeled sharply to port, just in time to escape a sunken rock which was about three feet under water. Had it not been for the lookout Peary might never have reached the pole.

The department of commerce has been aware for a long time of the lack of authentic charts of many portions of the American coast, and the danger of pinnacle rocks was the real reason why the old plumbline system was discarded for the wire-drag method. which is very much similar to the oldfashioned seine.

A line is run between two motor 48 hours later it had healed, there beboats, several hundred yards apart ing only a small, healthy scab to mark This line is supported on the water by the place of entrance of the knife .--floats, but suspended from it are other lines, all attached to a long wire, under water, which is held down by weights. The wire under water cor-In the domestic department of a responds exactly to the lower edge of

Motor Boats Active.

withstanding the defeat at the elec-The motor boats are started farward. tion, Mrs. Whitehouse expresses un more than three miles, running five keeping an even distance apart The bounded faith in the ultimate victory bottom wire is far enough under water of the cause.

GHASTLY SCENE ON BATTLEFIELD NEAR MEAUX

Paris .- "It was as though some mere sight of death that was so ap and head bent along the barrel, stood blight from heaven had descended palling; it was the outlandish postures a line of dead. They died as they dreamful and divine as the nectar of upon the German ranks, smothering of those rigid corpses and the look stood upon the firing line. them in an embrace of death," declared upon the faces. Since the angel of a member of the American branch of death passed above the camp of the faces of many were no expressions of

the Red Cross, who returned to Paris Philistines I am sure nothing like it fright or horror. Except for the glaze after a visit to the battlefield near has been seen. He had gone with an ambu-! "Dawn was just breaking as I came have guessed that their souls hav Menus. ance to collect wounded soldiers. upon the trenches where the fighting passed the boundary of eternity. "I saw trenches filled with German had been bloodlest. The gray light Never have I seen anything so terrible and, just as they had been left by the rested upon a ghostlike scene. Clus- as that erect, silent company of still reach guns. It was not so much the ters of corpses, with rigid arms and figures in the chill daws

would I be in the saddle than this illmannered brute would up in the air and flop over. "It takes skill and agility for a The is particularly true when the rider to avoid injury when a horse, vessel succeeds in getting off before

Field.

little woman.

York firm.

thoroughbred.

beaten out of her.

the locality can be definitely ascerwithout warning, throws himself on the ground. One has to disengage extremely difficult to locate. A pin- tain verified or disproved. As the one's self without a second's delay nacle rock is exactly what its name whole purpose of licensing navigators or a nasty bump is likely to result. "Well, I stood this horse's antice which rises straight from the bottom sengers and property, it is essential for a few times and then decided that a sharp lesson was needed. I threw him and threw him hard. This was

The cost of wire-drag work, considrepeated until he got it firmly into ering the value of the results obtained. his head that throwing was a punish is not regarded as excessive. The cost ment and not a pastime. When he learned that, he was a good horse. of dragging the New England coast

ranges anywhere from \$125 to \$175 per "It's interesting work. I vary it by teaching riding, but I like horsebreak square mile, while the work of charting the waters of Florida in the vicining best. There is a certain amount ity of Key West runs much higher. of risk about it, but I have never been Here it costs from \$450 to \$600 a hurt. My natural quickness has saved me at critical times."

of Seven Children, All Under

Seven Years.

Steam Pleasure Boat on Small Michi-

gan Lake Travels Record in

Small Circle.

been more than a mile in a direct line.

from the spot where it was built.

Grand Rapids, Mich .- The Major

or in San Antonio recently.

May, three years old.

old.

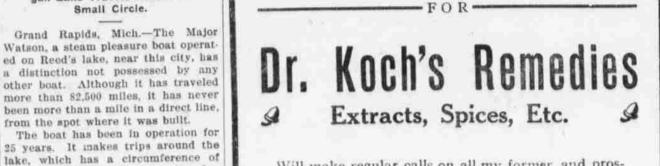


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legs protruding, filled the bottom. Along the rim, with rifle to shoulder

"It was a ghastly sight. Upon the of death in the eyes, one would not

months every year. This gives a total mileage of 82,500.





Mrs. Norman De R. Whitehouse was

one of the leaders in the recent suf-

frage campaign in New York. Not-