DISCOVERS AN ICE CAVE.

Prof. W. B. Clark's Expedition Makes an Interesting Find Near Syracuse, N. Y.

Baitimore, Md.—The discovery of an ice cave in the vicinity of Syracuse, N. Y. was one of the many interesting "finds" made by the first intercollegiate expedition ever organized. which ended at Boston. There the party disbanded, screent to return to their homes, while others sought recreation at summer resorts previous to the opening of the colleges for the

1905-00 term. Prot. W. B. Clark directed the party after his departure from Maryland waters, while Prof. Davis conducted the trip through Pennsylvania. Prof. Cushing had charge of the party while in the region of the famous Little Falls, New York. One week was short in a study of geology of Connecticut mear New Haven.

The ice cave referred to above was found by a member of the party after he had traced a small stream to what he thought was its source, only to discover that it proneeded from a crevice in a rock. Investigation uncovered several large cakes of ice. which in the past have proved much of a mystery to the inhabitants in that vicinity. The character of the rock and other natural formations lead the geologists to believe that the cave was caused by the ground current washing away the limestone bed, and that the ice was caused by the congestion of the waters beneath the rock. Protected as it was from the sun, the ice remained a solid mass throughout the summer.

#### CARRIAGE FROM A RIVER.

Unusual Prize Caught on Auchor of the Hell Gate-Explanation by Captain of Vessel.

Philadelphia, Pa - A handsome carriage, which from its appearances had been in the water but a short time, was the unusual prize brought up by the anchor of the hydraulic dredge Hell Gate off Tinicum island. While bound up the Delaware river a few nights ago the dredge, which is working on the river improvements at Schooner ledge, came to anchor of Tinicum island for the night

Next morning while the anchor was being hoisted it caught in something heavy and more steam was applied to the capstan. A few moments later a fine two-seated carriage appeared above the water. Capt. Wilson, of the Hell Gate, thinking that perhaps the horse and driver might be in the vicinlity, decided to move slowly, when the carriage suddenly broke, leaving the shafts and forward running gear in the clutches of the anchor flukes, while the remainder dropped back into the water.

It is supposed that the vehicle was on the Delaware. Capt. Wilson states that he has seen all kinds of things pulled from the water, but this is the first time he has seen a carriage dragged from a river bed.

## MAYOR HANDY WITH FISTS

Quickly Puts to Flight a Gang of Beckless Cowpunchers "Shooting Up the Town."

Thermopolis, Wyo.-"Shooting up 'the town" by cowboys is ended in Thermooplis, Mayor Enderly putting a stop to the practice by licking a dozen of the "punchers" from the Big Horn ranch who were riding through the streets shooting at everything in sight and generally terrorizing the

Two weeks ago the mayor, who is known as a fighting man himself, issued approclamation that the practice must cease. Recently a number of cowboys came to town, got drunk and commenced their usual fun. The mayor succeeded in rounding the men up. laid his pistols down and delibertely attacked the men with

The fight lasted only a few minutes and ended in the inglorious defeat of the cowboys, whose natural love of fair play prevented them from shooting Enderly during the melec. The mayor was trained in boxing in his college days and is an athlete.

# COMPANY OF CIRL SOLDIERS

Missouri Organization Becomes Proficient as Veterans in the Manual of Arms

Columbia. Mo.-A military company composed of the daughters of Boone county farmers has been organized, with headquarters at Englewood, 11 miles southeast of Columbia. The organization's object is to demonstrate the fact that women, if properly armed and drilled, can make just as good soldiers as the stronger sex. The kompany is under the command of Mrs. Ernest H. Smith, of Englewood, who ranks as captain, and under her instructions has become thoroughly efficient in the manual of arms.

Their first public appearance took place at a log-rolling at Englewood recently, where, in the presence of a crowd of curious visitors, the girl soldiers gave a striking exhibition, going through the entire manual of arms with the efficiency of veterans.

Not to Raise Dam.

The Egyptian government has decided on postponing-and this may mean abandoning—the scheme for raising the Assuan dam, and thereby increasing the supply of water for the arrigation of the country in the summer, and has taken this decision main-By because two mathematicians in London have developed a new theory regarding the stresses on masonry

# WANT RAVAGES SPAIN

WOMEN AND CHILDREN STARY. ING BY HUNDREDS.

Over 200,000 Men Are Vainly Seeking Employment in the Provinces -Relief Fund of \$900.000 Voted by Government.

Seville, Spain.-Heartrending reports continue to reach the provincial authorities from the outlying faminestricken districts. The latest reports received are from Osuna and Almogia, the respective mayors of which notify the authorities that their resources are exhausted and that they are unable to further assist the famished laborers and the women and children, as the distress is too acute.

At Ecija the population has looted the bakers' stores. The mortality among infants and aged persons is attaining terrifying proportions and in many localities the working people are living on roots. The government has organized public works on a small scale, employing about 600 men, but this is a mere drop in the ocean of misery, as a moderate calculation shows that 200,000 are out of employ-

ment. . Cardinal Sancha, having exhausted the available charitable funds, is going from house to house in Seville, begging for contributions, while the employes of several banks and commercial houses have decided to devote a portion of their wages toward the relief of the destitute.

Count Romanones, minister of agriculture, has just concluded an exhaustive personal inquiry in the distressed districts, following on the relief fund of \$800,000 voted by the government. His report creates the impression that heroic measures for relief are essential. The count journeyed from end to end of Andalusia and everywhere in the four provinces comprised therein he was confronted with pictures of

The territory stricken forms a circle embracing Seville, Jerez, Cadiz, Malaga and Cordeva, where natural forces appear to have combined against the people's welfare. The rivers for years past have been gradually filling with sand, preventing navigation and hindering commerce. The district always has been dry, but this year a two months' drought, beginning in the spring, destroyed all hopes for the reaping of crops and rendered the landscape practically a desert, resembling portions of Morocco. The population is almost entirely composed of day laborers who depend on agricultural employment, and when that fails. which is a frequent occurrence, though more marked this year than ever before practically everybody is thrown

into a condition of indigence. It is calculated that a third of the population emigrated in recent years to South America, and these emigrants naturally included the most robust. The conditions of the remainder, however, were not ameliorated thereby. The soil, owing to lack of irrigation. is becoming more and more unproductive and the patience of the people is now nearly exhausted.

## HEIRESS IN A SHANTY BOAT

Dressed as Male She Fishes from the End of a Log-To Be Sent Away.

Huntington, . Va.-After three weeks of searching, Eska Walton, the 18-yearold daughter of one of McDowell county's wealthy coal operators, has been found disguised as a boy living with her boy sweetheart and a lone fisherman and his wife on a shanty boat on the Ohio river, near Point Pleasant.

The girl had been locked in her room in an effort to break up the love affair in its incipiency, but was helped to escape by her sweetheart with a ladder. They were followed across the country to Gallipplis. Ol. and there all trace was lost. A clew was accidentally obtained by the teputy sheriff following them. He foilowed the clew to a shanty boat occupied by a lonely couple a short distance below Point Pleasant, where he captured the runaway.

When the officer arrived at the shanty boat the heiress to \$500,000 was siting, dressed in boy's clothes, on the end of an old log that protruded out into the Ohio river, playing with a big bass she had

just hooked! When arrested she said: "I was never so happy in my life as I have been here with Ralph. We'll be married some day,

anyhow." Young Allen and his girl sweetheart have been taken home by the officer, and Eska will be sent away to school, and that will be followed by a trip to Europe, in an effort to break her of her mad infatuation for the youth of the lower

Discover Money on Bushc... Wilbur McClure, carrier on rural route No. 2, out of Vernon, Ind., had a narrow escape from being drowned. When he attempted to cross Child's branch, south of the city, the current swent the horse from its feet, carrying the wagon and driver down stream. The wagon turned over several times and finally lodged against a bush, where Mr. McClure succeeded in pulling himself out of the water. Money, money orders, postal cards and letters floated away, many of which have been found. Two boys found a \$5 bill in a bush one-half mile below the place where the accident happened.

Caesar's Meat.

Iced whale was one of the delicacies served by the emperor of Japan at his dinner to Secretary Taft. The mikado's desire was, evidently, to have the secretary feast on something approaching his own size.

## GREATEST OF DRUGS.

DEATH RATE IN INDIA CUT DOWN BY QUININE.

Fever Preventive Makes Exploration in Tropical Countries Possible-Makes Fortunes.

Quinine is one of the most valuable of all the drugs known to medical

science. No one would venture to travel in India without it. Before its discovery 2.000.000 people died annually in India of malarial fever; the mortality from this cause is now less than half that! number.

The poor people-so poor that they looked upon the fever as their fate and expected no relief-are saved by the agency of quinine. England could not keep her European soldiers in)

India without it. Livingstone and other travelers in central Africa could have never made their discoveries without its aid. It is said of the great German explorer Schweinfurth that when he lost his entire property by fire, valuable scientide instruments among the rest, he felt the loss of his quinine to be the greatest of all, and often thought with fear of the journey that lay before him, which, however, he presevered

The soldiers in the American civil war depended greatly upon quinine. The pioneers in this country when it was first settled and civilized had as hard work fighting fever and ague in the then swampy, malarial districts as in fighting Indians, and quinine was

even more necessary than firearms. The great interoceanic canal now in progress of construction across the 1sthmus of Panama requires the labor of thousands of men largely unaccustomed to the climate and so much more more susceptible to its ill effect. Before the route was decided upon many surveys were made and the men, naval officers and others engaged in this work, were exposed to all conditions of weather. But through the universal and proper use of the medicine daily as a precautionary measure the mortality was no greater than among men in like employ in other localities. Out of a little over 6,000 white men employed in the construction of the Panama railroad there were only 293 deaths, and some of these were the result of other than

climatic causes. The whole world is indebted to the cinchona tree, from which quinine is made. Who could have foretold that this tree, a native of mountainous forests of South America, would be of such importance in the advance of civillization and Christianity.

Its safe transportation from one side of the world to the other and the success attained in converting a wild into a cultivated plant and naturalizing it reads like a romance. One of the strange things about quinine is that it is not used as a medicine in the practice of the native physicians of Peru,

Ecuador or Colombia. The native Indians did not even know of its curative property till enlightened by the Spaniards about 259 years ago. They called the chinchona tree kina, from which comes the word quinine. What do you call it-kwine, kin-nine keen-neen or kin-neen? What a lot of names the drug has had! China bark, quina, quinquina, chinchona bark, quinine, cincona, countess powder, Jesuit's bark, Cardinal De Lugo's powder, Peruvian bark, etc.

Great fortunes have been made out of it. At the time when Louis XIV purchased the secret a pound of the bark cost about \$50. As it came into general use it became a most important article of export from Peru. Now it is successfully cultivated in Cevlon and Java.

As a means of guarding the system from intermittent fever the English naval regulations require that every man should take a portion of the drug when the ship is within a certain distance of the east or west coast of Africa and that it should be regularly taken by those engaged in boatcruising along the coasts or on the rivers or creeks.

We may say with as much truth now as aid Lambert in 1820: "The treasures which Peru yields and which the Spaniards sought and dug out of the bowels of the earth are not to be compared for utility with the bark of the quinquina tree, which they for a long time ignored."

Poisonous Waters.

The waters of the Colorado river. up in the Grand canyon, are poisonous to many people, and those who drink them are usually seized with cramps and spasms a few moments after. This is supposed to be due to the mineral properties they contain, but they have never been analyzed. Not long ago a Chicago man who drank against the remonstrances of his guide, was seized with cramps and was laid up for nearly a week after at El Tovar hotel. There are many springs of fresh, pure water in the chasm, and frequent streams run down the side canyons, but other streams are so strongly impregnated with minerals that they poison the whole river. Nevertheless, the water seems to be all right further down, and below the Needles it is used for cooking and drinking.-William E. Curtis, in the Chicago Record-Herald.

Tough. Church-I see they are lowering the running time on the railroads between

Chicago and New York. Gotham-Oh, yes; I don't suppose it will be long before a fellow will reach New York chewing the same piece of beef he put in his mouth when he left Chicago.-Yonkers Statesman.

SUN CURVES STEEL RAILU. Wondrous Doings Out of Season in

Hottest New Jersey Related by Truthful Countryman.

Orange, N. J.-According to advices of a more or less trustworthy nature from Lebanon, Hunterdon county, that place ranks as the hottest place in New Jersey. Recently the thermometer showed 94 degrees, and it is said that the rays of the sun warped the tracks of the Central railroad on Pickel mountain, a mile east of Lebanon, causing the rails to expand so that they buckled in the middle, throwing the tracks out and nutting train service on the east-bound track out of schedule for three hours. All trains had to be run on a single track between Lebanon and Whitehouse.

Persons who have doubted this in the presence of Lebanonites have been taken to the identical stretch of track. The rails are all right to-day, and they

are the same rails. One talented countryman asserted, it is said, that a gang of trackmen was engaged in laying a curve further along. They ran short of bent rails, and, going to a storehouse near by, got a few, which they laid out in the sun for a little while. By carefully guid-! ing the rails, it is said, the foreman, was able to lay the curve in about an hour, the sun having done the work admirably. The applejack season has not opened yet.

#### PLAN TO INCREASE ARMY. Country May Be Put on War Footing

of 250,000 Men-Scheme Long Considered.

Washington.-It is planned by the officials of the war department to put the army of the United States on a war footing of 250,000 men. A scheme with this end in view will be submitted to congress at its next session. It has been under consideration for several weeks by officers of the department, and they now have the plan

in tangible form. The regular army now consists of 60,000 men, but it can be expanded to 100,000 by filling up the companies of the regiments to their maximum strength. The new plan contemplates the creation of a "regular reserve" of 40,000 men, which would consist of the able-bodied discharged soldiers, whose names would be placed on file in the war department and who could be pressed into service at a moment's notice. They would be paid three dollars per month for keeping in touch with the department.

The new plan includes the creation of a national reserve of 100,000 men. whose addresses would be filed with the department. They would be paid three dollars per year. Then the national guard would bring the fighting strength of the army up to 250,000 men.

## SUMTER'S FLAG DISPLAYED.

Historic Banner Which Survived War Is Exhibited in Washington-Begrimed with Smoke.

Washington, D. C.—One of the most interesting and historic relics of the civil war has just been placed on exhibition in the reception-room adjoining the office of the secretary of war. It is the American flag which floated over Fort Sumter at the beginning of the war, which was hauled down, and four years afterward, to the exact day, was again hoisted and saluted by every fort which fired on it at the beginning of the civil conflict.

It is begrimed with smoke, and there are several rents in it made by confederate bullets, but the flag is in a

remarkable state of preservation. The following brief graphic history of the flag is found on a placard within the case with the emblem:

"This flag floated over Fort Sumter. S. C., during the bombardment April 12 and 13, 1861, and upon the evacuation of the fort, April 14, 1861, was saluted and lowered by Maj. Anderson, commanding. On April 14, 1865, Brevet Maj. Gen. Anderson, the same officer. raised the same flag and planted it upon the ruins of Fort Sumter, when it was saluted by 100 guns and by a national salute from every fort and battery that fired upon Fort Sumter."

## NEW FINDS OF FOSSILS.

Hitherto Unknown Types of Saber-Tooth Tigers Discovered by Caiifornia Scientists.

Berkeley, Cal.-Prof. Merriam, head of the paleontology department of the University of California, has issued a bulletin on a hitherto unknown type of saber-tooth tiger found in California fossil beds. Several years ago the University of California was presented with a collection of fossil remains containing at least two carnivoras which are new to science. One of these has been described as a newly found and peculiar canid genus, hygaenognathus. The second form represents a large species of saber-tooth tiger, differing considerably from those previously described. The species is known only from a mandible found from the type of hygaenognathus near the foot of the Tembior range at Asphalto, Kern county. This specimen, like the others found with it, is covered with a thin film of gypsum.

Extinct Camels Found. A bulletin on an extinct species of prehistoric California has been issued by the geological department of the University of California. In the region about Potter Creek cave, Shasta county, were unearthed various parts of the camels that existed during the quarternary age. Besides the remains of camels a large number of species of the quarternary mammals were found.

The state of the s

#### EXPENSIVE INSTRUMENTS.

Handsome Los Angeles Home Has Piano and Organ Costing Small Fortune.

A piano that, so far as known, is the costlicat in the world, was lately placed in the music room of a handsome home in Los Angeles, Cal. It is a concert grand, the case fashioned in Louis XV. style, and heavily enameted in 14-karat

More than two years elapsed between placing the order in New York and its delivery in Los Angeles. The instrument is so exquisitely toned that its bell-like clearness and depth of melody would distinguish it instantly among . a score of fine planos. It cost \$10,000. The case is the work of a noted New

York master of decorative art. The face of the lid is adorned with an allegorical scene-Apollo with his harp, surrounded by goddesses and cupids, central among them being the face of the owners' son and heir from studies made when the boy was two years of age.

A local factory has about completed for the same home a \$15,000 organ, the pipes of which will be gold enameled, like the plano. An electrical attachment will make possible the playing of both organ and piano from either the first or second floor of the house. The attachments will be connected also with "organ chimes" on the open staircase, and with an "echo" above the

# HOW TUNNEL WAS COOLED

Intense Heat of Idaho Bore Moderated by Hydraulic Spraying of Walls.

The boring of the Ox Bow tunnel in Idaho is one of the great engineering feats of the age. The Payette river at this point makes a loop, and by putting a tunnel through 1.250 feet, the river bed is left dry for two and a quarter miles. It is the intention to mine the river bed for gold, reports the Scientific American.

Ordinarily the putting through of this tunnel would be a simple matter, but at 300 feet from the upper end and 250 feet from the lower hot water was struck. The heat at first was from 95 to 195 degrees, increasing as the work progressed to 132 degrees at the hottest point. Different fans and blowers were experimented with to cool the air in the tunnel, but without success until the superintendent of the work thought of spraying the walls of the tunnel with water pumped from the river.

Very simple pumping apparatus and common garden sprays were used with complete success. The tunnel is 28 feet wide and nine feet high, and the flow of hot water amounted to 75 miner's inches. The cold water cooled the hot water, and it was pumped out with common pumps.

## MAKES PEACOCKS SILENT.

Dealer Furnishes Lovers of the Birds with Those That Do Not Cry.

Peacocks for the lawns of country houses are becoming more popular every year. There are dealers who make a specialty of these decorative birds. There is even one dealer, says the Philadelphia Bulletin, who sells noiseless peacocks, for which he gets readily \$75 apiece.

The one objection to the peacock is his hoarse and piercing cry. The dealer in silent peacocks operates on the birds' throats in such a way as to quiet them forever. The operation is not painful nor perilous, and ver it increases the peacock's value fourfold A good pearock can be bought for

lia. The bird eats corn and barley. its actual living expenses are not great, but it is apt at any time to die. The peacock in ... is matter of sudden death is almost the monkey's equal.

They who keep a dozen or more peacocks have among them always a few plain little peahens. Hens sell at a lower rate than cocks, for they are not so beautiful.

Her eggs are large and brown, and when she is nesting the peahen must be fed by hand.

#### GOOD MONEY AFTER BAD. Chances Taken by Men Who Yield to the Allurement of Slot Machines.

"If you want to get an idea of the way most men hate to give up a cent without getting anything for it, which them at the slot machines," said a man who notices things to a New York Times reporter. "When a man finds that the cent he has dropped confid-ingly into the slot brings no results he generally gets mad. But that does not, as a rule, prevent him from dropping another penny in the same slot! hoping to get his money's worth back. I have seen men go to the news stand for change and send five pennies after the first one, without result. I have seen them miss trains in the subway and lose 50 cents' worth of time in doing this. Then they would go away with a grim smile, showing satisfaction that they at least had a run for their money. One minute later another man who dropped into that same slot wondered how in thunder he got six times as much as he had paid for. I can't explain it, but I have seen the same thing happen two or three times. I'm a slot machine flend, and both experiences frequently happen to me."

Mot Dead Yet. Cassidy-Yis, the poor fellow's gittin' along purty well. Casey-But I t'ought ye said he was

mortally injured? "So he is, but his injuries ain't quite as mortal as they t'ought at first."-Philadelphia Press.

#### GLORIFIES WATERMELON.

Italian Vender of the Fruit Is an Ar-e tistic Recommender of Mis Wares.

There is an old Italian grocer on Salijvan street who has been in this country 14 years and does not know how to say so much as "Five cents" in English. He has, however, built up a prosperous business. His language is a Neapolitan dialect, and the calls with which he draws attention to his wares are the street cries of Naples transported to New York, says the Sun of that city.

In summer he always has a bench full of sliced watermelon out in front, and whenever he is not waiting on a customer he is crying this watermelon.

"Una feliuccia rossa," he calls over and over again, with a long drawn, wavering intonation. That is Nespolitan for "One little red slice." In Sicilian he would have said: "Una fedruzza russa," and in Italian, "Una feftina rossa."

"Una felluccia rossa, comm' a puumorola, magnate, magnate." "One little red slice, as red as tomato; eat, eat."

A girl passes, and he calls: "Bella figliola, magnatevella 'na fellucria." "Pretty girl, eat a little slice of it." "Che bella robal!" "What fine goods."-in tones of rapt admiration.

"Figlio" venice, arriereatevi cu "sta-

fellucia rossa comm' a pummarola." "Boys, come and enjoy yourselves with this little slice red as tomato." And far up the street his long drawn cry pursues the ear. "Magnate, magnate, rossa comm' a pummarola;"

#### coloratura crier. CATCHING A HUGE SHARK.

"Eat, eat, red as tomato." He is 🐞

Mammoth Man-Eater Took for Bait a Smailer Shark Just Hooked.

On hooks baited with chunks of a big sting ray, captured one day, last winter in the lea of one of the Bahamas during a "giress of weather." three Bostoniana, who were on a flamingo hunt in that part of the world. captured three man-eating sharks, says the Boston Globe. One of thems. was 14 feet long, and was taken in a most singular manner. Beginning at the tail of a smaller shark held fast by one of the hooks, it actually devoured its way along the body of that struggling creature up to the head, where it became firmly hooked and was hoisted aboard.

The full reach circlewise of two of the shark's captors barely girdled this tiger of the deep, and after being killed it weighed 1,500 pounds. The man-eater shark attains an anamous size in tropical waters, the British museum having the laws of an individual 36 feet in length taken in Australia. The man-eater however, is an exceedingly rare species on the Atlantic coast. Prof. David Humphreys Storer, the historian of the "Fishes of Massachurette" could learn of the capture of but three individuals from 1820 to 1860. One of these measured six feet in length, the second mine feet and a third 13 feet.

# KNEW OF NO OTHER WAY.

Chinese Sage Disliked Growing Old, But Wanted to Live a Long

Time. Kang Yue Wei, the Chinese reformer, was describing the hardships that are undergone for reform's sake in

China, says the Chicago Chronicle. "But reform." he said, l'is, never brought about except with suffering. They who carry the torch of progress make targets of themselves. Reform and persecution walk nand in hand. It is always so. It is the only way. You remember our Chinese sage, Chang Wu? Chang Wu found one day among his disciples a beautiful princess. She had come to propound certain questions to the sage, but the old man's great age, his manifold infirmities shocked her. She forgot her questions, and kneeling, she gazed at Chang Wu in silence.

"'Daughter,' said Chang Wu, smiling, 'why do you regard me so strange-

"The princess flushed and murmured confusedly: 'O. father, do you not find it very unpleasant to grow

"'Yes. very.' Chang Wu answered. But is there any other way of living a long time?"

Faint Hope. Mother-I see a man out in Iowa proposed to a girl the other night

while talking in his sleep. Daughter-What about it? "Don't you think you could manage to give John a sleeping potion of some kind? He's been coming to the point for five years now."-Louisville Cour-

ier-Journal.

namite.

Definition of Reciprocity. "Mistuh Pinkley" said Miss Miami Brown, "what does you understan" in de meanin' of de word reciprocity?" "Well," was the answer, "you take de chicken coop. De chicken inside in layin' foh de man dat owns her; de man is layin' foh me 'cause he knows

reciprocity."-Washington Star. New Explosive.

I's layin' foh de chicken. An' dat's

Acetylene gas is now used as an explosives. By means of an air mixture a force is obtained from it which can compete with that of powder and dy-

A Volume. Knicker-Does your wife know any-

thing of finance? Bocker-What she doesn't know just

fills my check book.—N. Y. Sun.

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