#### The Cliff and Cave Dwellers.

For a great number of years in the the past travelers and explorers in the Southwestern portion of our country have been astonished by curious builds ings, perched high up in the precipitous cliffs or buried in the deep caves and caverns of that district, whose buildings and occupants have long since disappsared. These have figured so often in prose and even in poetry, in pictures and in models by scientific investigating parties, that a person must be very far behind the progress of the age who has not read or heard in some way of the ancient cave and clift dwellings of our far Southwest. The dwellers themselves had either disappeared by emigration or had become extinct on the very ground where their curious homes had been built ; although other evidences of them besides these homes were still to be seen in their singularly made pottery and household utensils, and an occasional more or less perfect skeleton here and there.

Still living in the land of the extinct cliff and cave dweller were two radically different kinds of wild savages ; but nothing that could be learned from them, directly or indirectly, seemed to furnish a key as to what race these curious semi-aerial, cliff dwelling people could have belonged. There were many nomadic races, represented by the Apache Indian as the best typical case, that never built any homes beyond those needed from day to day, or for a single season at the furthest, and that lived by the chase and plunder of other tribes more industrious in collecting the comforts of a home, however rude, but probably far lees combative as a whole. How many tribes of this warlike, nomadic character there have been in the past it is hard to judge, for they, of all others, would have left no signs of their presence behind them had they disappeared by extinction or emigration to other parts. Certain It is that none of the present nomadic wanderers of the far Southwest seem to know anything, either by legend or tradition, of the ancient cave and cliff dwellers and look on them as having become extinct, or having disappeared long before their foreiathers came to this common country.



only one shape-3x12-full 160zplug the most convenient to cut for pocket or to carry whole.

Insist on having the GENUINE with the red H tin tag, made only by, John Finzer & Bros, Louisville, Ky



Superstitions of the Chidese. It has often been a matter of conjecture why a Chinaman should be so particular in sleeping with his head toward the east. When at home, or traveling, or visiting, the Celestial, if among strangers, exercises no little care to avoid sleeping in any other position than the one which he has been brought up to look upon as the most correct and

5

WATER PURIFIC

CINTLO

-----

-E.MAY-25.

A SPEAKS FOR IVE AND

Purifies by Aeration.

healthful to his mind. According to the Chinese superstition it is exceedingly dangerous to sleep with the head to the setting sun. The sleeper might justly fear darkness, unhappiness and death ; that is, of course, if he is a believer. From the north comes coldness, lonliness and barreness, and to sleep with head in that direction would be to bring down upon himself and family these products of the pole. The south signifies passing glory; a

limitation of wealth, health and happiness. Therefore, that is extremely undesirable. But to the east-the source of the rising sun in all its splendor-is where the Celestial looks for all his good gifts. From it come (so he believes) light, life, wealth and happiness. No misery, or wretchedness, or want can come from the glorious east ; so he must sleep with head in that direction, in order to get the full benefit of the good gifts which will surely come to him. Often, in traveling, Chinamen carry

a mariner's pocket-compass, in order that, when the time comes to retire, they may discover which way to point their heads. If the make a mistake and sleep the wrong way, they are likely to lose so much health and happiness. With a dead Chinaman this is reversed; for we believe that after death the body has nothing to loose, and the head, therefore, is placed before the west. It is a fact worthy of notice and mention that those Chinamen who have become Christianized follow the old superstition about sleeping just as much r.s

the heathen who steps his foot on American soil for the first time. They look upon it as truth, and not superstition, from childhood up, and it is hard to break down the teachings of a mother and father, especially in China.

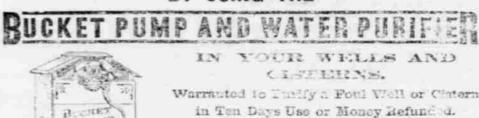
### Indian Humor.

The Indian has a keen appreciation of humor, and is like a child in his mirthfulness. No orator can see the weak points in his adversary's armor or silence a foolish speaker more quickly. Old Shah-bah-sking, the head chief of Mille Lac, brought all his warriors to defend Fort Ripley in 1862. The Secretary of the Interior and the Governor and Legislature of Minnesota

promised these Indians that for this act







will draw ten collons of writer rootminet. In a ray or many constant of which a particular, of his to be particular which each of the second se here the plot over it for a wave of even to be the test of a baketa winter, if do by the for the second of the bakets distinguish the water to con-solve the second in contact which the water to confar finite it. do not have to terminate a pullful of water to get a fresh, each dense. The very building as a down full of air to the bottom, and fills whin each water as the air excepts.

Price \$16 for a ten-foot well or cistern; 50 cents for every additional foot in depth, after 10 feet. A live agent wanted in every town in the United States. Address

BUCKET PUMP CO. 441 and 443 Plum Street, CINCINNATI, O.



An Accident in a Spanish Bull-fight. If You Have A few years ago the inhabitants of No appetite, Indigention, Flatulence, Sick Headache, "all run down," los-ing flesh, you will find Seville read with surprise, in the advertisement of an approaching bull fight,

this unusual notice : "When the third bull shall have attacked the picadors and received three pairs or banderillas, a young peasant, by whom it has been brought up, will appear in the ring. He will approach the bull, caress it, sud, after removing the banderillas, one after another, will lie down between its horns."

The announcement of so singular a feat attracted an immense crowd to the amphitheater. The third bull appeared. an animal with spiendid horns and very brave ; It slew four .horses, received the banderillas, and became furious. Then, contrary to custom, all the toreadors retired from the ring, leaving the bull stamping and shaking the bloody darts which hung from his neck.

All at once a long whistle was heard. The bull paused and listened. It was repeated. The bull approached the barrier and a young man leaped thto the ring, calling the bull by its name. "Mosquito !" The animal knew its master came to caress him, and was ap peased. The peasant gave it his haud to lick, and with the other began to scratch 1; behind the ears--an operation which seemed to afford the brute much pleasure. He then gently removed the banderillas which annoyed the neck of Mosquito, made it go down on lis knees, and placed his head between its borns. The grateful bull seemed to listen with pleasure to a pastoral melody sung by its master.

The admiration of the multitude, hitherto suppressed by surprise, burst forth with Andalusian violence and shock the building. Hearing this frenzied applause, which had accompanted all his sufferings, the bull, till then under a charm, appeared to wake and return to reality. It suddenly rose, bellowing, and the peasant tried to escape. But it was too late. The animal, as though furious at being betrayed, tossed the young man into the air, received him again on its horns, gored him, trampled on him, and crushed him to pieces, in spite of the efforts of the toreadors. The perform ance was suspended-a phenomenon in Sj ain-and the horrified public quitted the circus in silence.

### Discovery of Silk and Satin.

Few people know the discovery of silk is attributed to one of the wives of the Emperor of China, Hoangti, who reigned about two thousand years before the Curistian era ; and since that time a special spot has been allotted in gardens of the Chinese royal palace to the cultivation of the mulberry tree and to the keeping of silkworms. Persian monks who came to Constantinopie revealed to the Emperor Justinian the secret of the production of silk, and gave him some silkworms. From Greece the art passed into Italy at the end of the thirteenth century. When the Popes left Rome to settle at Avingon, France, they introduced into that country the secret which had been kept by the Italians, and Louis XI. established at Tours a manufactory of silk fabrics. Francis 1 founded the Lyons silk works, which to this day URNISH have kept the first rank. Henry II. of France, wore at the wedding of his sister the dirst pair of silk hose ever made. The word "satin," which, in the original, was applied to all silk stuffs in general, has, since the last century, been used to designate only tissues which present a lustered surface. The discovery of this particular brillant stuff was accidental. Octavio Mai, a silk weaver, finding business very dull and not knowing what to invent to give a new impulse to the trade, was one day pacing to and fro before his loom. Every time he passed the machine, with no definite object in view, he pulled little threads from the warp and put them to his mouth, which soon after he spat out. Later on he found the little ball of silk on the floor of his workshop, and, attracted by the brilliant appearance of the threads, be repeated the experiment, and by using certain mucilaginous preparations succeeded in giving satin to the world.

## Farm and Garden Notes.

Prune trees early for growth as late for fruit. All foods for plants must be sols

C

D

to be available. Too much and too rich food is ofthe cause of apoplexy. Chopped onions fed once or twisweek help to keep fowls healthy, Dig no trenches around your ties you do not want to shorten the roma Give your fruit trees a good we

Do your shortening back any

c'ean drinking water in the pops

Prupe a little at a time and any

Bone meal mixed with other food in

Kind but firm treatment is impen

Farmers' clubs can be made profa-

ble in the practical experience esti-

The so-called Isabey table, consider

the finest specimen of Sevres 22

world, has been irreparably damage

gaged at removing it from the builds B

in which it was exhibited during it

Paris Exposition. The table was made

to the order of the first Namieon a

and of his fourteen marshalls were m

cuted by Isabey on the porcelain. Fa

the chief d'œuvre, and for It Napo

paid the sum of \$7,000. At the tal.

the factory for the purpose of bog

serted ; this was never done. That

ist Isabey, hearing that his great w

was about to be sold to a speculator

intended to cut out the portraits of

marshals and sell them separately

induced a private Individual, one Mi

Sorres, to buy the table and present

De Serres paid \$12,000 for the trad

and hid it away for thirteen years.

Paris and in London. During the nd as

of N poleon III, repeated off ats w

press would not buy ; so the table 1 If

The Theory of Dew.

It is now field by the best physic

that instead of falling from about

dew arises from the earth. The ga

ally received opinion that the def

formed of vapor existing at the tip

the atmosphere must be given a

mained in the De Serres family r

by the daughter of Isabey, the stall

Set up last year in the Paris Exposit

it was conceded by all who saw it

man 1

1830 the famous table was exhibit

mad to sell it to Eugenie, but the l

1887, when it was purchased for S

extortionate sums, hustled around a pery

the royal arms and a figure of ivon

years were consumed in the making

the Empire the table was returning SIL

exquisite miniatures of that mont

by the carelessness of the porters

tively demanded in the training of p

valuable preventive of leg weakning

the necessity for heavy pruning into

your trees before the buds bers b

There should always be plenty

the remedy you need. They tone up the weak stomach and build up the flagging energies. Sufferers from mental or physical overwook will find relief from them. Nicely sugar coated, They cannot feed and thrive on but SOLD EVERYWHERE. ng. The shelter that shuts out both pa and cold air is not a profilable and

ture:

start.

vard.

future.

young fowls,

young animals.

When I say Cross I do not mean merely to

top them for a time, and then have them i mrn sgain. I MEAN A RADICAL CURE. I have made the disease of

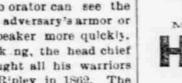
FITS, EPILEPSY or FALLING SICKNESS, A life-long study. I WARRANT my remedy to Curns the worst cases. Because others have failed is no reason for not now receiving a curs. Send at once for a treatise and a FREE Borris of my INFALLBLE REMEDY. Give Express and Post Office. It costs you nothing for a trial, and it will cure you. Address H.C. ROOT, M.C., 183 PEARL ST., NEW YORK

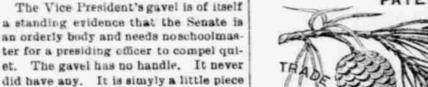


"ADRESIVE COUNTERS." GRAFF SON, & CO., Wholesale Agents, Philadelphia, Pa. Finest Specimen of Sevres in the West



No. 270 Court St., BUFFALO, N.Y. WHOLESALE MANUFACTURERS OF





MARK

of white ivory like the head of a gavel, polished and shining. It would not do in the House at all, for the most that can be done with it is to give a gentle rapping on the desk, and in the other wing the Spaaker sometimes needs to hammer away like a man with a beetle. This Senate gavel, with which Vice-President Morton tells the Senators they are making too much noise has been in existance and in use as a gavel for many years. It is the identical one, it is said, which was in use when Dauiel Webster was in the Senate, and probably was used the day he made his reply to Havne, to still the buzz in the gallery when the great man sat down. This, at any rate, was said to be true the other day.

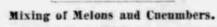
The Senate Gavel.

There is a mystery about the gavel, too. Nobody but Capt. Bassett, the white-haired door-keeper, knows what becomes of it during the recess and when Congress is not in session. The venerable old Capt. Bassett takes it from the Vice-President's desk when the Senate adjourns and hides it somewhere, and it is lost to the world until it is again needed by the Vice-President. Capt. Bassett knows the history of the gavel, as he does of everything else about the Senate chamber, for he he has been there since some time in the thirties or forties, when he first received his appointment-as a page, it is saidthrough the influence of Daniel Webster. It has been suggested that Capt. Basset carries the gavel in his pocket as a mascot when the Senate is not in session, though this is probably not true.

When Niagara Ran Dry.

A New York pioneer says that on March 29, 1848, for a few hours scarce any water passed over Niagara Falls. The winter had been an extraordinary severe one, and ice of unusual thickness had formed on Lake Erie. The warm spring rains had the effect of loosening the congraled mass, and during the day mentioned a stiff east wind drove the ice far up into the lake. About sundown the wind suddenly changed and blew a beavy gale from the west. This turned the ice in its course, bringing it down to the mouth of the Niagara River and piling it up in a solid mass.

The force of it was so great that soon the outlet of Lake Erie was so completely choked up that little or no water could pass. Soon all the water below the barrier had passed over the falls, and when the inhabitants awoke the next morning a weird spectacle met their gaze. The roaring tumbling rapids above the falls were almast obliterated, and nothing but the cold black rock were visible everywhere. Crowds of spectators witnessed this sight, and the banks on either side of the river were lined with people all day long until the ice in the lake was released from its position, and the wall of the waters returned to their usual course.



of bravery they should have the special These Goods Contain the Leaves or Needles of the Pine Tree.

Use them for a pleasant smoke and speedy relief for INFLUENZA, ACUTE AND CHRONIC CATARRH, CLERGYMEN'S SORE THROAT, HAY FEVER, ASTHMA AND ALL BRONCHIAL DISEASES; they are free from adulteration, as nothing is used in their manufacture but the BEST OF TOBACCO and FRESH PINE NEEDLES. MANUFACTURED BY

PINE NEEDLE CIGAR CO. FREEHOLD, N. J.

What a Comfort!

No Dirt! No Fuss! No Back Achel LASTS LONGER.

LOOKS BRIGHTER, and makes the Shoes WEAR BETTER. Don't let the women have all the best things, but use

Wolff's AGMEBlacking ONCE A WEEK FOR MEN. ONCE A MONTH FOR WOMEN. I find it a tip top Harness Dressing.

WOLFF& RANDOLPH, Philadelphia



Copy. Price Da year. Four months' trial, IL. MONN & CO., PUBLISHERS, 30 Broadway, N. T RCHITECTS & BUILDERC Edition of Scientific American.

A great success. Each issue contains colored Bibliographic plates of country and sity residen-one or public buildings. Numerous engravings and full plane and specifications for the use of Such as contemplate building. Price \$250 a year S ets a copy. MUNN & CO., PUBLISHERS.

TRADE MARKS. In case your mark is not registered in the Pat-ent Office, apply to MUNN & Co., and procure immediate protection. Send for Handbook. COPYRIGHTS for books, charts, maps, to, quickly procured. Address

MUNN & CO., Patent Selicitors. GENERAL OFFICE: 3CI BROADWAY, N. Y.

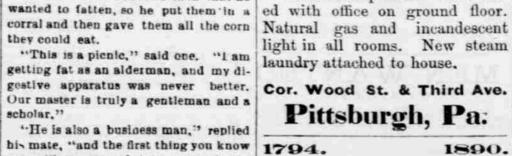


J. H. GANT, Proprietor.

care of the Government and never be removed. A few years later a special agent was sent from Washington to ask the Ojibways to cede their lands and to remove to a country north of Leech Lake. The agent asked my help. I said : "I know that country. I have camped on it. It is the most worthless strip of land in Minnesota. The Indians are not fools. Don't attempt this folly You will surely come to grief." He called the Indians in council and said : "My red brothers, your great father has heard how you have been wronged. He said, 'I will send them an honest map.' He looked in the North, the South, the East and the West. When he saw me he said : 'This is the honest man whom I will send to my red children." Brothers, look at me ! The winds of fifty-five years have blown over my head and silvered it over with gray, and B. J. LYNCH, in all that time I have never done wrong to any man. As your friend, I ask you to sign this treaty." Old Shah-bah-skong sprang to his feet and said : "My friend, look at me ! The winds of more than fifty winters have blown over my head and silvered it with gray ; but they have not blown my brains away-" The council was ended. Wedding Rings' The latest thing in wedding rings comes from Eegland, and is a parrow but thick circlet of 22 carat fine gold. This has come in fashion in America in ALTOONA, PENN'A the course of the last year, replacing the old slyle ring, which is both heavy LET Clitizens of Cambria County and all others wishing to purchase honest FURNI-TURE, &c., at honest prices are respectfully and wide, being sometimes half an inch broad. These latter have been in use invited to give us a call before buying clse-where, as we are confident that we can as far back as I can remember. The Germans always buy two piain gold meet every want and please every taste Prices the very lowest. [4-16-'80-tf.] rings, the lady giving one to her betrothed and he one to her. The "alli-WANTED ACENTS ance" ring is sometimes called for, and often manufactured to order. It is

made of two circlets fitting into each other and coming apart something like a puzzie, and is a revival of a very old style. The ordinary wedding ring costs rrom \$7.50 to \$15, although the English ring is somewhat more expensive. In engagement rings individual taste is the only law, but set stones are great favorites. A nevelty is a ring of three circlets, almost as narrow as wire, each set with a band of different stones, such as pearls, turquoises and conch-shells.

The Foolish Ox. An old farmer had two oxen that he



# LOUNCES and MATTRESSES. SEND FOR PRICE LIST.

THE ALLMENDINGER PIANO & ORGAN 60., ANN ARBOR, MICH., U. S. A. We Make a SPECIALTY of Manufacturers of Organs in Piano Cases. HIGH GRADE PIANO? FINELY FINISHED and HAND POLISHEED, In and ORGANS. Rosewood, Ebony, Wal-Importers and Jobbers of AP&0C4 nut and Antique Oak Music and Musical And:containing:our:own Merchandise. Patented : Improvements.

We acknowledge no rivals in above styles, in TONE, ACTION or WORKMANSHIP. Planes and Organs in ALL styles. We are Manufacturers and make manufacturer's prices. Orders for anything in the music line will receive prompt attention. Correspondence Solicited. Live Agents Wanted. FAGTORY: Cor. First and Washington Sts. -:- RETAIL WAREROOMS: 38 So. Main St. REFERENCE: FARMER'S AND MECHANIC'S BANK. ANN ARBOR. MICH

OILS! OILS UNDERTAKER The Standard Oil Company, of And Manufacturer & Dealer in Pittsburg, Pa., make a specialty HOME AND CITYMADE of manufacturing for the domes-FURNITURE tic trade the finest brands of Illuminating and Lubricating Oils, PARLOR AND CHAMBER SUITS, Naphtha and Gasoline LOUNGES, BEDSTEADS, That can be TABLES, CHAIRS, MADE FROM PETROLEUM Mattresses, &c., We challenge comparison with 1605 ELEVENTH AVENUE,

every known product of petroleum. If you wish the most Most : Uniformly : Satisfactory : Oils

in the market ask for ours.

STANDARD OIL COMPANY,

oct18-89-1yr

PATENT STEEL PICKET FENCE. HANDSOME, INDESTRUCTIBLE. Cheiper than Wood.

666660 656666666666 100000000000

and all kinds of WIRE WORK.

TAYLOR & DEAN, 201, 203 & 205 Market St., Pittsburgh, Pa.





### How Base-Balls are Made.

Automatic machines for making base balls have been so successfully contrived that their introduction is likely to constitute a practical industry. PITTSBURG, PA. Each machine winds two balls at one time, in the following way :

A little para-rubber ball, weighing three-quarters of an ounce, around which one turn has been made with the end of a skein af an old-fashioned gray stocking yarn, is slipped into the ma chine, then another, after which the boy in charge touches a lever, the machine starts and the winding begins. The rabber ball is thus hidden in a few seconds, and in its place appears a little gray yarn ball that rapidly grows larger and larger.

When it appears to be about half the size of the regulation base-ball there is a click, the machine stops, the yarn is cut, the boy picks out the ball and tosses it into the basket. When this basket is full it is passed along to another boy, who runs a similar machine, where a half-ounce layer of worsted

yarn is put on. The next machine adds a strong white cotton thread ; a coating of rubber cement is next applied and a balf-ounce layer of the very best fine worsted com- C. A. LANGBEIN, pletes the ball with the exception of the



OLICIT ORDERS FOR OUR

R. C. CHASE & CO., PHILA., PA.

HE ST. CHARLES HOTEL

Charles S. Cill, Proprietor.

利有法

THE BENES

TREES, SHRUBS, VINES, &c

STEADY WORK

Balary & Expenses, or Con

We grow a full line of varie

The Business Quickly Lourned

Richard, Sold R., CORTON FOR DESCRIPTION OF AND DESCRIPTION OF A STORE S deres ERIE MEDICAL CO., EUFFALO, N. Y.





WONDERFUL METAL POLISH, For Cleaning and Polishing BRASS, COPPER, BRONZE, NICKEL, &c. It will clean Metals with less labor than any preparation ever produced, giving a brilliant ustre which cannot be equisied, and which will last longer than any polish obtained by other means. Sold by the

HARDWARE AND GROCERY STORES. CANVASSING AGENTS WANTED.

> I took Cold, the masterpiece of Sevres. And I took Sick, after a notable history, it is m I TOOK from end to end by a blundering th SCOTT'S

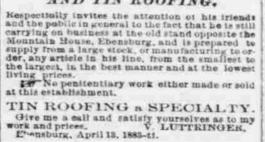
RESULT: I take My Meals. I take My Rest.

AND I AM VIGOROUS ENOUGH ANYTHING I CAN LAY MY HANDS ON ; getting fat too, POR Scott's Emulsion of Pure Cod Liver Oil and Hypophosphites of Lime and Soda NOT ONLY CURED MY Incipient Consumption BUT BUILT

FLESH ON MY BONES AT THE BATE OF & FOUND & DAY. AKE IT JUST AS EASILY AS I DO MILE. WCH TESTIMONY IS NOTHING NEW COTT'S EMULSION IS DOING WONDERS. DAILY. TAKE NO OTHER.



TIN, COPPER AND SHEET-IRON WARE AND TIN ROOFING.



Manufactorer of and Dealer in



the established fact that the which arises from the heated and is trapped by the cold surface of B sides, when we imagine that cool evening after a sultry d-y DB ME UP, AND 15 NOW PUTTING mer our feet are being wet ly on the grass, we make a grave a For that moisture on the grass " d-w at all, it is false dew-in the transpired humor of the pa The drops at the tips, which i diamond-like, are not dew; de amination shows that these ci spheres are all situated at the where the weips of the leaved outer edges. These drops only s

dence of the vitality of the plan The difference between the on the grass and the exud through the veins from wibin 1 can be easily distinguished. former is distributed all over in a moist film ; whereas the lat of some size, and are should be tips of the blade. Altered, ibed meaning of the line ; "libs grass keeps its ain drap o' det those brilliant globules on the shaking to the same sweet all. ten "gliding at once all frages

one," are no dew drops, but all