## Indian Caves Yield Relics

Jersey Finds Have Archaeological Value

Along the Kittatinny Mountain range in Northern New Jersey what is believed to be one of the first scientific combings of Indian rock shelters has recently been completed. Moody's Rock and Bevans, 100 miles north of Trenton, have been submitted to what! one archaeologist terms "spoon scoopings." Siftings from splintered rocks perishable material from these two sites the past summer.

The specimens, which are being play. like instruments), arrow heads of jas- everything." per and chalcedony (a whitish quartz of waxlike luster), bone awls and one drills. An unidentified piece, Issibly a ceremonial stone, is one of he most interesting relics uncovered Bevans. The slate ornament is din the middle, the reverse side showing a round indentation similar to the eye in a potato. Many of Z, dealt and bid one diamond, a perfect The foregoing hand was not selected his power to produce the extempore pologically dated.

THE RELICS DISCOVERED.

The main part of the largest shelopening to left and right of the rock hand, A had a six-card club suit and the right thing at the right time and funeral, and the elder was called ter in the Bevans group has two caves, pass the no trump. In this particular everything." He must be able to do roof projection, which is about sixty- his partner the ace of spades, so that it is this quality that is most strongly upon. He hurried into the hall for nine feet long. The cave to the right a no trump bid by Z would have failed evident in the hand given. It may his hat, and bowed reverently over is low and damp, the one to the left to make the contract by one trick. Z. seem easy and the expert's play and it. And then to the astonishment is dry, habitable and seven feet high. however, possessed the first requisite bidding the natural thing to do, but of the mourners, he cried out in While material had been taken from bid one diamond. A passed and Y bid that in actual play they would have hat." this shelter during a previous exca- two diamonds to give his partner an- done the same? If they can, they are vation many years ago, recent dig- other chance to bid. B passed and Z in the class of the expert. If not, they gings unearthed twenty-four arrow- now had to do a little thinking. Y's still have something to which to look heads of fine flint, jasper, chalcedony bid of two diamonds indicated a will- forward. We cannot all be experts, but the local inn. Expecting no other and rhyolite, together with a four- inguess on his part to have Z bid an- we can all improve our game by ana- visitors, the landlord put them in inch spearhead, several knife blades, hammerstones, Unio shells (a species clubs, hearts or spades. of mussel) and potsherds. A thumb scraper of red jasper (used by In- obtain a club bid from him because it example will be given in a later ardians to smooth bone and soft stone is just as difficult to go game at clubs ticle. implements) were among small specimens found at Bevans.

Moody's, on the edge of Big Muckshaw Pond, two miles southwest of Newton and in the Bevans area, is another rocky cavern that has given up relics. Moody's has long been a trysting place for the romantic, who Diamonds-none say that of dak nights the moan of an | Spades-Q Indian; pinces of legendary fame can be heard across the silent pond which protects the cave's entrance.

Today geologists are studying the large rocks that once shielded Moody's deeply pitted by water drippings they seven tricks against any defense? are measuring time in an effort to before its outer edge fell.

## Russia to Manufacture

Soap From Suds duced Moscow chemists, it is re- of hearts, which A must win. On these win the trick with the nine and make duced the inevitable pickle at lunch, where much soap is used and to recover the soap chemically so that it All ordinary kinds of soap are made by chemical reactions between fats. line compounds like washing soda. like beef fat or olive oil, and alkaline compounds like washing soda. Soviet Government Turns When soap is used for washing it dissolves slightly in the water and the soap molecules then slide in between the particles of dirt or underneath invaded the Arctic. them, to pry them loose from each An apatite plant, scheduled to pro- of knowledge, and where untrained other or from the dish, fabric or bit duce this year more than a million of human skin to which the dirt was tons of concentrates, used chiefly for chemical plants." attached. If the wash water is hard fertilizer, was recently opened in the some of the soap also combines chem- Khibiny Mountains, according to Baically with the hardening constituents sile W. Delgass, former vice-president in the water and is changed into insol- of the Amtorg Trading Company. He uble chemical compounds which make says in reporting Soviet scientific exthe hard scum that hard waters often plorations for Industrial and Engineerform. In either case, the original ing Chemistry, journal of the Amerisoap still is present in the spent ends can Chemical Society, that the facor in the rinse water. The new Rus- tory is beyond the Arctic Circle, eighty out this soap together with much dirt proximately 100 miles inland from the with a population of 41,835,000 showed to a "Brooklet," and Schiehallion to ley. and other constituents. Thi smaterial Arctic Ocean. He goes on: then is treated with acids and other "Hugo stones, remnants of the glachemicals which decompose the soap cial periods, block the entrances to the altogether, detaching from it the fatty valleys. The peaks are covered by or oily materials from which the soap perpetual snows, and dreary tundra originally was made. These fats then lies for hundreds of miles around. and then are ready to be used to make gold rubles (about \$2,500,000) and it a new batch of soap.

## London Drive of Princes

To Become Parking Area ope, and it is rumored that negotiaprinces and dukes passed in horse to exporting apatite concentrates to drawn carriages during the last two the United States. centuries will soon be surrendered to the carriages during the last two centuries will soon be surrendered to the carriages of the modern world. It is the forecourt of old Lansdowne House in Berkeley Square, which is to be turned into a parking space for motor cars until the mansion is project, but American specialists were

either rented or sold. The historical forecourt contains The problem of production of super many "potholes" which must be fill phosphates in Russia is far from being ed in, but soon any one, for the solved, we are told. In spite of all price of 12 conts, may leave his the technical help received by the Rusautomobile outside a house where slans from Germany and extensive once only the famous stopped down, study of the process in the United and then by invitation.

Even bald-headed barbers insist on Difficulties which the Russians are telling hair raising ctories.



ARTICLE No. 3

Hearts-K, 8, 6, 4

Diamonds-Q, J, 9, 7, 2

At hearts Z made four odd, losing

only one heart, one club and one spade

trick. At diamonds, the result would

imagination and clear analysis of his

partner's bidding gave him a game not

otherwise possible. How many play-

ers would have bid this hand like the

At Contract, the bidding would have

been the same up to Z's three-heart

bid. His partner, Y, would then have

Clubs-J, 7

Spades-6. 4

expert? -

bid four hearts.

In what way does this expert differ as in diamonds. There would be nothfrom any other auction player? Has ing to gain by such tactics so Y must he more imagination, more courage, be prepared for a heart or spade bid. more resourcefulness, more original- Z, therefore, bid two spades. A passed Lave been examined rock ledges ity? What particular quality makes and Y bid three diamonds. B passed searched, crannies and caves house- his stand out among his fellows? If and Z was now certain that Y was cleaned, for hidden traces of the first there is anything that we don't under- hoping for a heart bid so bid three red men. With pick and shovel, trowel stand, we usually subject it to a close hearts with the greatest assurance in and finger-tips, experts have retriev- examination and analysis, so let's do the world. All passed. Y's hand was ed archaeological specimens of im- the same with the expert. Let us place as follows: him under the microscope and let its lens magnify his tactics. Let us observe and analyze his bidding and

shown at the North American Indian; The following hand is illustrative of Exhibition in the State House Mu-tho writer's contention that, in the seum at Trenton, include celts (blade-language of sport, the expert "has

Hearts-A, 10, 9, 7

Clubs-Q Diamonds-A, K, 10, 5 Spades-K, Q, 8, 7

the objects have not yet been anthro- example of the four-card suit bid in as unusual but only as representative prayer sometimes called for, he pastpreference to the no trump. The of the margin of superlority that the ed a prayer in his tall hat so that singleton club is a danger spot in no expert has over the average player. To he should never be caught unpretrump because a good player with a excel at Auction and Contract, as in pared. Very soon after this, the set-up club suit and the lead would any other game, the expert must "have minister was late in arriving at a of the expert: good judgment; so he how many players could honestly say agitation, "Guidness, th's is no' my

> The expert figured that his partner the Lens" at every opportunity and would not bid two diamonds merely to you canot help but benefit. Another Solution to Last Week's Problem

Hearts- -K. 8. 7, 3, 2 Clubs-none Diamonds-none Spades-A; 10

Hearts-none Clubs-A. Q. 5 Diamonds-none

Spades-9, 5, 4, 2 There are no trumps and Z is in the other heart, all of Y's cards are good hiding place. And with other rocks lead. How can Y Z win five of the If he then leads a club, all of Z's cards are good, Y discarding the ace of spades as before.

Solution.-Z should lead the deuce arrive at a fair estimate of the orig- of spades. A must play the queen trick No. 2. Y should discard the ace inal extent of the overhanging ledge, and Y should play the ten, thus allow of spades and thus all of Z's c rds being A to win the trick. B should discome good except the five of clubs at card the seven of clubs. A now has the end. In all cases, therefore, Y Z pocket a bottle of an Indian pickle the choice of two leads: (a) He may must win five of the seven tricks of his own make, for which he had

lead a heart or (b) a club. (a) Suppose A decides to lead a heart. False Solution: Suppose Y wins the where the only other guest was a If he leads the six of hearts, Y should first spade trick. He must then lead Shortage of fats in Russia has in- play the king and lead back tht deuce hearts. If he leads a lo., heart, B will ported, to devise ways to collect the tricks Z should discard the five of his diamonds. If Y leads the king of and pressed the traveller to partake. used soapsuds and rinse water from clubs and the four of spades. A is hearts, A should play the queen and He did so, and when he regained his laundries, dish-washing departments thus obliged to lead a club up to the thus enable B to win the second heart breath, he began, "You are a parof restaurants and other places ace queen in Z's hand. On the first trick. Played in this way, Y Z can son, I believe?" "Yes." "Now, tell "Goo' lor'," said Algy, "goo' lor', I duty's call is clear; lead of clubs, Y should discard the only win three tricks. ace of spades and thus all of Z's cards This is a good example of not alloware good. It at trick No. 2, A leads ing an opponent to force the lead in the queen of hearts, Y should let it one's hand when by so doing one or hold the trick. If A then leads an- more tricks will be lost.

"An appropriation of 60,000,000 gold

rubles has been recently voted by the

Council of Peoples' Commissars to in-

crease the existing plant and to con-

Russian engineers designed the new

States, superphosphate plants in Rus-

encountering in the operation of some

sla do not work satisfactorily.

struct other plants in this region."

also consulted.

their chemical factories were revealed in the recent trial of several to Arctic for Chemicals engineers in that country, Mr. Delgass Russia in its quest for chemicals has observes. "Of course no trials can help," he adds, "when there is a lack in his reference. He replied, "Dear.

Hearts-9, 5

Spades-none

Diamonds-10, 4,

Clubs-8, 7

(b) Suppose A leads a low club at

against any defense.

## Growing Populations

The N. Y. Times .- Among the many things in the present world which the pre-war imagination would have found it hard to believe is population in a gain of 2,625,000 over the year 1921. The rate of annual increase is seven tenths of one per cent. For Germany in the years 1927-29 the indicated annual increase was six-tenths of one per cent. The change has been are separated from the dirt, repurified 'The cost of the plant is 5,000,000 brought about by an acceleration in responding decline in Germany. In has a scheduled production of 1,100,000; the last five years, for instance, tons in 1931, 2,000,000 tons in 1932, Franco gained 1,100,000 inhabitants. and 3,000,000 tons in 1933. Part of the whereas the five-year increment before apatite produced is exported to . Eurthe war averaged 325,000. In Ger-London.—A drive along which tions are being conducted with a view many, on the other hand, the annual rate of increase is less than half of what it was before the war.

Lawyer for the defense-"Your Conor, my client wishes a little time."

Knox-"All right - six years.

## Stories - Ancient and Modern

By TANTALUS in "John O'London"

someone, somewhere, may not have the pond wi' ye, an' if ye can sook heard them all!

Perhaps a funny story should there in nae time." never be written down at all, for; A jovial customer in a cafe gave how uninspiring even our most suc- his order to a somewhat dour-lookcessful piece of drollery appears in ing waitress. "A couple of boiled cold print! Yet, given the time and eggs and a kind word, please." The the place, maybe that even the most eggs were brought. "Now for the unpromising of these that follow kind word, miss." The girl leaned will set the table in a roar. May forward to whisper in his ear: it be so! There is, at least, variety "Don't eat those eggs." here, something for everybody, for have been the same, so the expert's when he is young."

> The Wrong Hat And talking of Scotsmen, how could one begin better than with this

A worthy Scot had been persuad-

A party of clergymen, having lost their train, remained overnight at other suit. This suit could be either lyzing the expert's methods and profit- the Commercial room because it was ing thereby. Put the expert "Under the only room with a fire. After a meal they were chatting merrily round the hearth when a traveller popped his head in, and on seeing the unaccustomed assembly was about to withdraw hastily. situation was explained, and before long the late comer had joined in the talk. The conversation turned to dreams, and one of the parsons related how he had dreamt he was in heaven and how lovely it was. Then the traveller said, "I had a similar kind of dream, but unfortunately I found myself in the other place." "Oh," said one, archly, "what was it like there?" "Well." replied the traveller, "something like this: I couldn't get near the fire for parsons."

Parsons.

Here is another with the same protagonists:--

A parson invariably carried in his a passion. Staying at a small hotel commercial traveller, the parson prome, do you ever preach about damnation and hell-fire?" . "Oh, yes." thought so, and you are the only parson I ever knew who carried samples."

Still another about a parson:-A clergyman who had sacked his cook received an inquiry from her prospective employer with regard to his use of the term "Biblical cook" Madam,-The term clearly expresses my meaning. Everything my late cook did was either a burnt offering or a bloody sacrifice."

Puffing and Blowing

American visitor, who kept up "Old it draw." Glory's" reputation of belittling

I make no apology for including a "rather tricky bunker," they came this selection a few at last to Loch Lomond. "Now." stories that may not have the lines said Jonathan, "that really is someof a 1931 model. For some old thing I must admire, and I guess if stories have the bouquet of a good it were possible, I'd take that same old wine, and age cannot wither sheet of water right over to Schenecthem nor custom state. Besides, tady." "That's aisily dane," said there is always the chance that Mac. "Jist trail a bit piple across as weel's ye can blaw, ye'll hae it

The skipper of the Annie Laurie one man's joke is not another's. I engaged at the last moment before have known quite a lot of people- sailing from Aberdeen two, deck-Scotsmen mainly-who refuse to hands, Mackenzle and McCraig. Maclaugh at this. "Question.-How can kenzie had a good character, a fact you make a Scotsman happy in his which the "Old Man' was always old age? Answer .- Tell him a joke rubbing in to McCraig, who hadn't. "Aye, aye,' was invariably the latter's dour comment.

Soon the smack encountered very dirty weather and Mackenzie, coming up to swab the deck, was swept, bucket in hand, into the mountainous sea. McCraig, having witnessed to become an elder. Mistrusting ed this catastrophe, sought the skip in their total of a lifetime—yet how

wi' the guid character?" he queried.

An explorer travelling in Africa ever done before? came upon an elephant which was in acute pain. Regardless of danger, and with considerable difficulty, he extracted a thorn from the animal's foot. Years afterwards he visited a circus where the chief attraction was the performance of some trained elephants. One of ing. these, in the act of performing his trick, stopped, trumpeted shrilly, out!" and charged towards the auditorium. Pandemonium ensued, but the creature calmly lifted the explores from his one and tenpenny seat, and placed him in the five-and-nines.

The excuse for including the following is that it is guaranteed authentic!-

Some years ago in a north coun-the ditch, grumbling a little. Two yokels read it, and one was by it. a tuppenny comb and see for yersel." in."

parish, with a message saying that, do on your shovels. as he had remarked during his serhim some real good ones.

Two revellers, who had fined too of life for most men. well, got into their sports two-seater late one night, and zig-zagged down Piccadilly. The passenger, vaguely alarmed at the erratic course they with a higher, fairer creed; say, Algy, old boy, I think you my ruthless neighbor's greed; thought you were driving."

merchant was, like Mark Twain's, "grossly exaggerated." Thinking to the things that merit praise; reassure one of his friends he rang him up, and said, "Did you see the report in this morning's paper that I was dead?" "Good gracious, no," replied his friend; "where are you telephoning from?"

"A pantomime is like a cigar," re- my rival's strength is shown; marked the theatre manager on the I will not deny his rerit, but will first night of the new show. "How's try to prove my own;" that?" asked his friend. "Well," I will try to see the beauty spread was the explanation. "if it's good before me, rain or shine; McCulloch had been showing off everybody wants a box, and it it's the beauties of his native land to an bad no amount of puffing will make and be more concerned with MINE.

everything he saw. After likening! At the basis of all morality, all France growing at least as fast as in the Forth Bridge to a "pretty piece knowledge, all lofty endeavor, lies the Germany. The recent French census of child's fretwork," the noble Tay truth that God reigns .- Horace Gree-



Memphis, Tenn., 200: officials would like to congratulate Venus and Adonis as the parents of a son and helr or a bouncing baby daughter, but they jealously guard their 75-pound offspring and the officials are still guessing.

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## Owl Laffs

350,400 Chances to Make Good in 19321 There are 365 days in 1932, with sixteen waking hours in each and sixty minutes in each of these hours.

It our arithmetic is correct, that gives each of us 350,400 wating moments in 1932, in any one of which we may stir our ambition, may hear the call to higher ideals, to self improvement or in any of which our machinery of thought may evolve a splendid idea-may set us on the road to the heights of success.

Each of these moments, tiny segments of eternity, is a portion of our life, each a potential crisis for better or worse in our life-they seem many swiftly we pass through them-we

"Ye ken you mon Mackenzle-him pass, note, the moments do not, Wouldn't it be well to make 1932 count more in the use of these preci-"Weel; he's awa' wi' your bucket." ous fragments of our lives than we've

> you throw bouquets at a man they al ways hit the right spot.

No matter how bad you aim, when

Men were digging a ditch in a wet, sticky soil that was in danger of flood- industry rose by over 20 per cent. Silk

Young Foreman shouting) - "All The men were out of the ditch like

a flash. Foreman shouting)-"All in!" The men tumbled back into the 650 per cent. litch, thinking taht the call had been

false alarm. Foreman (shouting)-"All out!" Out tumbled the men. Foreman (shouting)-"All in!"

And they disappeared once again in try seaside town, there was display- After half-a-dozen-repetitions of this were fluctuations, and in 1925 the ed a phrenologist's card with this in- business the workmen became angry value of the output was \$5,483,363.

overheard to say to the other. One Workman very demanding) - reached \$10,897,273. In 1929 it was "Heids examined for 1s. each! Why, "What's the game? There's no water \$14,476,080, and in 1930 it rose to \$17,the fella's a feul, when ye can buy coming and there's no sign of a cave- 808,598. In the five years between

A clergyman was much surprised Foreman (smiling)—"I know there value of the product was more than one day at receiving a basket of isn't, but I find that you fellows take trebled. potatoes from an old woman of his out more dirt on your boots than you

mon of the previous Sunday that You'd think a man who was rich ing to the fact that there are only two "common 'taters" (commentators) enough to quit work at 3 o'clock and plants in the latter section, the pardid not agree with him, she had sent play golf all afternoon would be happy, ticulars for the artificial silk industry but golf seems to take all the joy out are not available separately. In 1930,

"I Will"-A New Year Resolve I will start afresh this new year of Quebec and Ontario. The plants in

ought to drive a bit more carefully." I wis cease to sit repining while my same firm for weaving artificial silk

The report of the death of a city my heart shall know no fear; I will look sometimes about me for

I will search for hidden beauties that clude the grumbler's gaze; I will try to find contentment in the

paths that I may tread; I will cease to have resentment when another gets ahead;

I will not be swayed by envy when

I will cease to preach YOUR duty you?" ...

Mike (scowling as he reads grocery bill)-"What's this? What's this?" December 1st, cabbage, 25 cents. December 3rd, 1 peck potatoes. December 5th, ditto. December 10th, ditto.

Cecember 16th, ditto. Mrs. Mike (Indignantly) -- "It's a lie. There ain't been a ditto in the house!

Some time when you are talking about yourself, stop for awhile and see if anyone present will remind you to start again. We are all strong for the other guy to take his medicine and be a sport. Right now this country needs more interviews like this: "I have nothing to say." You can judge a girl's modernism by discovering whether she regards her husband as a blessing—a necessity—a luxury—an affliction, or a joke. A man who is clever enough to be boss at home is also wise enough not to brag about it.

Business First A Jewish boy was caught by the

dangling ropes of a balloon at the country fair. When he was being carried aloft, and the crowd was standing aghast as he hung head downwards, his father cried:-"Ikey, Ikey, throw out some our bithuith cards!

Tieck.

Flowers He who does not love flowers has lost all fear and love of God .- Ludwig

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Canada Silk Industry

For five years in succession the silk industry of Canada has shown increases in the value of production. Even in 1930, a year of slackened trade generally, the output of the silk manufacturing is one of the newer industries of the Dominion and the rapidity of its growth has been remarkable. Records are available since 1917, and in the intervening period the value of production has risen by over

The growth of the industry has been well sustained throughout the 13 years. although there have been some fluctuations. In 1917 the value of production was \$2,372,000. By 1920; when prices were at their height, it had risen to \$5,376,751. In the next five years there scription, "Heads examined is. each." and asked the foreman what he meant From that year on, however, the balance was unbroken. In 1928 the value 1925 and 1930, it will be observed, the

The Canadian silk industry is divided into two distinct branches, real silk and artificial silk. However, owin the two branches of the industry together, there were 25 plants in operation, all of them in the Provinces Quebec numbered 15, with only one were taking, murmured sleepily "I I will cease to stand complaining of plant producing artificial yarns, the larger part of which was used by the fabrics. In Ontario there were 10 I will waste no moment whining, and plants, one of which manufactured only artificial silk yarns, which were sold to hosiery and knit goods mills and to producers of silk fabrics .-

## In Father's Footsteps

The vicar called at the home of one of his parishioners, and for a while was left in the room with the pride of the family.

He patted the little fellow's head affectionately, and said by way of making conversation: "You look a good little boy. I suppose you always do what your mother tells The boy stopped tinkering with

the family wireless-set, and sald: "Yes, vicar, and so does daddy." SUSPICION

Suspicion is the companion of mean souls; and the bane of all good society.

In Britain divorces are becoming much more common. In 1871 therewere 166 cases in England, Scotland and Wales; in 1929 there were 3,396.

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