

LIGHT ON PREHISTORIC RACE

Scientist Explains How He Expects to Determine Age of Ancient Central American Cities.

Prehistoric ruins in America will soon be accurately dated. This was the opinion expressed in an address...

Doctor Morley's "yardstick" is the marvelous Mayan calendar by which the ages of the ancient cities of Guatemala and Yucatan will eventually be determined more accurately than the ages of the cities of ancient Egypt.

There was a desultory trading in Mayan pottery carried on with the peoples in Mexico, Peru and the southwestern United States. This pottery found among these other peoples and its Mayan date determined by comparison with similar pottery in Central America may lead to an approximately accurate date being set upon the cliff dwellings of the United States and ruins in Peru and Mexico, Doctor Morley thinks.

He also told of his researches into the great walled city of Tulum, in Yucatan. The walled city was exceptional in Central America and this fortified town on a bluff overlooking the Caribbean sea, with a wall on three land sides, represents the crude work which followed the breakdown of the great Mayan civilization in the fifteenth century after Christ, when these early city-states fell to fighting their own race.—By Science Service.

YOUNGSTER HAD IT SIZED UP

Possibly His Frank Announcement of Situation Was Something More Than a Guess.

A young teacher of the fourth grade in one of the township schools near Indianapolis marked her pupils' papers at her home, and occasionally had the assistance of some of her friends who came in to spend the evening.

One evening the grades were exceptionally low on the papers and the next day at school, the young teacher told her pupils that one of her friends had helped her mark the papers and that she was really ashamed of the poor marks, and she wished them to do better next time.

The next day the marks were considerably higher, so she told the children how glad she was to see the improvement and that she was proud to have her friends see how bright the pupils were.

After making this announcement, she brushed to hear one of the boys say in a loud whisper, "If I'm here over again last night."—Indianapolis News.

New River.

Abbe Mermet, a famous water diver and explorer, has discovered in the Mont Blanc region a great subterranean river, with a volume of about 50,000 gallons per minute. It runs from the base of the mountains under the Salève and Jura Alps. This river, which has been named "Eaux Belles," sends out many branches, which have formed little lakes and wells of pure and extremely cold water in the northeast departments of France and in some southern Swiss cantons.

Abbe Mermet declares that the waters of the "Eaux Belles," at a depth of 75 to 150 feet, have carved out under the mountain wonderful caverns and grottoes, full of stalactites and stalagmites. Some of the caverns near Geneva are 90 feet high and 150 feet broad.

What's the Use?

The business on a suburban line had increased very rapidly, but there were not enough trains or cars to accommodate the passengers. The overcrowding caused many serious discomforts. The superintendent was called before the board of directors and was asked:

"Why don't you immediately put on more trains and cars?"

"Well," he replied, "what would be the use? They are settling so fast along the line that the people would all them up and overcrowd them just as before."

Blank Check for Copper.

A hardware company consumes about 5,000 pounds of copper annually. There are pins, bolts, hinges, screws, plates, discs, nails, tubings, wires and castings of all kinds. In a hardware store the choice ranges all the way from a brass pin to a 100-pound copper pot—from a brass hair pin to a sawnover. Even the cuspidor and the brass rail of the ex-saloon are represented.

Pat as a Linguist.

Pat and Nora were sitting in the theater before the performance began, when the girl observed the word "Asbestos" on the fire curtain and inquired what it meant.

"Asbestos," said Pat, "and don't be fooled by its name. Don't you know that 'Asbestos' is the Latin word for 'Welcome'?"—Boston Evening Transcript.

Regular.

From a country district just moved into the motion picture colony, a friend was asking the liked his new regular.

"Well," replied the regular, "I expect you'll like it very well here."

"Yes, said I was not aware until after the scene started that all three could speak English fluently."—Birmingham Age-Herald.

PEST HARD TO DISCOURAGE

Pigweed, Universal Nuisance, Has Been Known to Drive Amateur Gardener to Profanity.

A pigweed is both an irresistible force and an immovable body, blended into one working overtime. Pigweeds don't ask anything of anybody. They don't need to. Even Dame Nature turned round and went away as soon as she'd introduced him. Books on gardening dismiss him with a jaunty direction to "keep the weeds down." But you can't ostracize a pigweed that way.

A pigweed begins making trouble the minute he shows above ground. I never saw a pigweed that could look more like more kinds of young plants. You can't tell by pulling 'em up, for the pigweed has a long, thin root, but putting up little flower and vegetable plants by mistake discourages 'em, even if you admit your error and apologize. And on the other hand, it does not hurt the pigweed. Just let him lie on the ground, and his roots curl into it and he goes on growing as if nothing had happened. If you push one into the ground with your heel, you just give him a better start.

All they ask is to be near enough the ground to see it. I brought some into the house and put them on the window sill, where they could see out by raising up a bit, and they all grew. You could look them up in a closet, and if your hands were soiled when you handled 'em, they'd get enough nourishment to live on.

The only sure way to get rid of one is to eat him and burn the can.—Everybody's Magazine.

MUD PACKS FREE ON BEACH

"Cure" That Costs Nothing Is One of the Attractions at Famous Coney Island.

Mud packs, which cost \$2 apiece at beauty parlors, and which enjoy considerable fame as wrinkle eradicators and skin beautifiers among the fair sex, may be had for nothing at Coney Island, writes a New York correspondent of the Pittsburgh Dispatch. Which explains the amazing sight offered visitors to the beach, when sun-bathers appeared in mud masks, their faces coated with black and yellow clay.

The mud for the masks was obtained where operators are working on the new Coney Island boardwalk. Sand from sand suckers is being pumped to build the new beach, pipes a foot in diameter throwing up clay, mud and water. The clay is caught as it comes from the pipes and applied to the face, where it hardens into a black mass. The bathers then lie on the sand in the sun, in order to get the full effect of the "cure."

Lone Ranger Exercises Memory.

Alone as a forest ranger in a remote section of the Cascade mountains, in the state of Washington, George K. Kure, a former University of Washington student, has memorized practically all of the New Testament and three books of poems. In addition to the mental exercise he has completed an entire dining room set of buffet, tea table, dining table, six chairs and a fern pedestal from hand split and hewn fir and cedar wood. The furniture polished in its natural color is worth more than his year's salary. In three winter months Kure (trapped near his cabin more than \$300 worth of pelts).

Accent on Scream.

All agreed that she was an exceedingly pretty girl. Her dresses were in the latest mode. Men were irresistibly attracted to her. The only drawback was her deafness, a serious handicap. One admirer after another called, perhaps attended her to some social affair, but in the end they all fell away. The news that she was engaged to be married naturally impressed her friends. Two old admirers were discussing the news.

"It must have been funny proposing to a deaf girl like her," said one.

"Funny," I'll say so," said the other. "It must have been a scream."—New York Times.

Wrong Impression.

"No, I never hunt for ideas," the eminent author assured her. "When I feel in the mood for work, I climb to the summit of a hill, and there, with the scenery of the mountain play in my nostrils, I find my inspiration."

"Just fancy," gushed the girl. "And then you descend and write it all down, I suppose?"

"Indeed I don't. That would be a sure way of losing it. I carry my little typewriter up with me."

"Oh, how good of you! But does she—er—does she never turn giddy or anything?"

Sure of His Job.

"Solomon has a great reputation for wisdom."

"How do you suppose he got that way?"

"Maybe he had no leisure to cultivate his mind. Unlike modern rulers he didn't have to keep his ear to the ground all the time to find out whether he'd die with his crown on or soon be writing home for money."—Birmingham Age-Herald.

Linguists in the Spirit World.

"How was the service?"

"A great success. Mme. Hokus materialized Napoleon Bonaparte, Marie Antoinette and Julius Caesar."

HEALING "WOUNDS" IN STEEL

Frenchman Has Devised Machine Which Is Really a Marvel of Inventive Ingenuity.

Very remarkable indeed is a machine set up in France for making repairs to airplanes, remarks the Washington Star. This machine is said to be the only one of its kind, and is due to the ingenuity of Gustave Habin. It may be described as a device for causing "wounded steel" to "heal" itself in something like the way that wounded flesh heals.

The device is almost automatic, is operated by electricity and is based upon the galvanic principle. It needs only one or two men to watch it, they being guided by a chart, showing in many colors the piece of metal to be repaired, the exact repairs necessary, the composition of the galvanic bath, the current needed, the diameter of the connecting wires and the time of immersion. All this is worked out mathematically to the minutest fraction.

The machine is employed to restore worn or broken parts of delicate motors, most of which are difficult to replace. When an American observer saw it there were lying on a table beside it parts it had just repaired which would have cost \$9,000 and much time to replace. In the week previous it had turned out 300 pieces, all of great importance, for nothing less is connected to it.

REFUSED TO BELIEVE HIM

Jury Foreman's Remarkable Explanation for Declining to Credit Defendant's Plea of Guilty.

Some years ago in a Western state, then a territory, a popular citizen became involved with an influential and overbearing character and killed him.

Public sentiment leaned toward the defendant, but the law was against him, and when the day of trial came the defendant, his counsel and friends held a consultation, and, fearful of the consequences, they decided that the defendant should plead guilty and beg the court's mercy.

The jury was charged by the court and returned. Presently it returned, and the foreman said:

"We find the defendant not guilty."

"The judge" viewed the jury in surprise and said:

"Gentlemen of the jury, how be it? The defendant pleads guilty, and you find him not guilty?"

"Well, your honor, the defendant is such a far-we can't believe him under oath."—Progressive Grocer.

Beggars' Trade Union.

A new terror has been added to the list of traveling. A recent report from Constantinople states that the beggars of Stamboul have formed themselves into a trade union, says London Answers.

The members go to work quite methodically. Each morning they hold a meeting in the open square in front of the Bazaar. Mosque they cannot afford other offices, although some of the members are said to be rich, and here they discuss the business of the day. Then after the agenda has been read and approved, the brothers in beggary disperse and set about the business of collecting alms.

Just as other trade unions forbid their members to work for less than certain prescribed wages, so the beggars are not allowed to beg for any sum less than one hundred paras. Any smaller gift is spurned as detrimental to their dignity.

Clown.

Chew, Chew, as health clown, makes the rounds of New York city schools, spreading the gospel of fresh air, proper food and cleanliness.

With him is his little dog, Creamo, whose stunts include pawing his face as if washing when asked what he does in the morning.

The school children are going wild about show show and creamo. They are absorbing health facts, because the presentation is made in an interesting way. And they will remember the health clown and what he taught, in their old age.

Making school interesting is the greatest problem of education. People in this boromeous civilization remember interesting things, forget the uninteresting.

Fish Eradicates Scarlet Fever.

The Mexican version of "have you a little fairy in your home" is "have you a little fish in your home?"

This arises from the use of a peculiar fish, of the mammalian species, that eats the mosquitoes and "wrigglers" in water, thus preventing the spread of yellow fever. All bodies of water in the city are stocked with the fish, which are provided by health authorities. In this way the mosquitoes are kept down and yellow fever almost eradicated.

World's Largest Boiler.

A boiler capable of heating 1,000 eight-room houses has just been placed in operation in Detroit. It measures 10 by 26 feet inside, and the height from the grate bars to the top of the pipe coils is 35 feet. It can turn 100,000 pounds of water into steam in a single hour, requiring 12 tons of coal to accomplish this feat.

Water Lilies as Food.

From the Iowa conservation board comes the suggestion that we grow water lilies as a staple article of food. It is claimed that the lily, when peeled and boiled, is as farinaceous and tasteful as the potato.

TRIBUTE TO AMERICAN GIRLS

Kipling at His Best Wrote With Complete Comprehension of Their Many Charms.

Thirty years ago, Rudyard Kipling found the American girl above compare. In "American Notes" he said of her:

"Sweet and comely are the maidens of Devonshire; delicate and gracious seeming those who live in the pleasant places of London; fascinating for all their demureness the damsels of France clinging closely to their mothers, and with large eyes wondering at the wicked world; excellent in her own place and to those who understand her is the Anglo-Indian 'spin' in her second season; but the girls of America are above and beyond them all. They are clever; they can talk. You, it is said that they think. They are instructed in the folly and vanity of the male mind, for they have associated with the boys from boyhood, and can discerningly minister to both vices, or pleasantly snub the possessor. As certain of their own poets have said:

Man is fire and woman is tow. And the devil he comes and begins to blow.

"In America the tow is soaked in a solution that makes it fireproof. In absolute liberty and large knowledge, consequently accidents do not exceed the regular percentage arranged by the devil for each class and climate under the skies."

SMALL BOYS' PLAN WORKED

Whole Lot Better Than Keeping Constant Watch for Marauding Band of Chickens.

One time when Frank Wallace, state entomologist, was a small boy, says the Indianapolis Star, his father assigned him to guard a garden from a marauding band of chickens from a neighbor's coop. Frank did not like the idea of wasting his precious boyish time on unprincipled chickens and set his wits to working.

He bored holes through grains of corn, tied notes to the end of a thread attached to the grains and set the bait. The foolish robbers fell for the trick. Frightened by the fluttering notes a few inches from the ends of their bills and the sensation of the threads in their throats, the chickens went flying home and tore around the yard.

This attracted the owner and the chickens were caught and notes read. "This is what they read:

"I've been over to Wallace's this afternoon."

The next day the same thing occurred and this is what the notes said that day:

"I scratched out Wallace's onion bed today."

On the third day the notes read:

"Say, now listen. This is the last day I'm going over to Wallace's and come back alive."

There was no fourth day to the story except that the owner of the chickens and the father of young Wallace nearly got into a fight.

Topography of the Air.

Explorations of the air have revealed an astonishing definiteness of arrangement in its layers, although, of course the details are continually changing. In England, has directed his studies of floating balloons to a solution of the question of the influence of the topography of the earth's surface on the state of the air above it. He finds, among other things, that the disturbances produced by hills and valleys are transmitted to an unexpectedly great elevation, affecting the lower and middle strata throughout. A general effect noticed is that the velocity of the wind, or of a current of air, is increased over a hill and diminished over a valley. It is thought that similar observations, generally distributed, would furnish us with a real topography of the air.—Washington Star.

Mont St. Michel Abbey Restored.

Tourists who visit Mont Saint-Michel off the coast of Normandy, will find the Benedictine abbey which crowns its summit restored for worship. As early as the Eighth century Mont Saint-Michel, possessed religious associations, but the present buildings only date from the Thirteenth to the Sixteenth century. The height of the church exceeds the height of the rock upon which it stands 165 feet, and the granite of which it is built was brought by boat from the Isles of Chausey and hoisted up the steep side of the hill. Since 1874 the Mont has been under the care of architects appointed by the Ministry des Beaux-Arts, and by their research and restoration the abbey fortress now appears in almost its former grandeur.

Frozes Eggs All Right.

Frozen eggs are good eggs. So concludes S. K. Robinson of Chicago after finding that microscopic examination, freezing test, incubation, shaking test, and effect of air and light tests were met as well by the solidified as by the fresh egg. He declares that fine mayonnaise dressing which held well in a warm room for 30 days had been made from the refrigerated product.

No Concentration.

"Would you call Mrs. Gadder an inquisitive woman?"

"Not unduly so, for a member of her sex."

"No?"

"After she has tried unsuccessfully for six months to find out the income of a neighbor something else is sure to attract her attention."—Birmingham Age-Herald.

Confined to Prose.

"Do you know 'The Star-Spangled Banner' by heart?"

"Yes," replied Senator Sorghum. "But I'm not trying to use it in this campaign. Practical questions are coming so complex that my constituents won't be satisfied to hear me sing or recite."

Unless Humanity Changes.

"Do you think that the troubles between capital and labor will ever be permanently adjusted?"

"I don't know," replied Senator Sorghum. "I'm afraid there will always be people who want work without paying for it and other people who will want pay without working for it."

WHAT HE EXPECTED OF WIFE

Girl's Attitude Seems Unreasonable When These Few Small Things Were All He Wanted.

Beauty. Punctuality. Sweet temper. Economy. Trust.

And that she should be sound asleep when he came in.

And that he should not be questioned regarding the hour when he returned from poker parties.

Nor that she should make any comments regarding the strangeness of the fact that it was necessary to have onion sandwiches at poker parties.

And that she should spend such evenings as he played poker or stayed downtown or went to stag dinners with friends of the feminine sex.

That she should always understand that his flirtations were too mild for any uncalled jealousy on her part.

That it was quite a different thing for a man to be forgiven than for a woman.

And that he wouldn't have his wife make a fool of him as some wives he knew made of their husbands.

With these clear understandings at the start he knew that she would be very happy with him, for he would make her an ideal husband.

But he had been a little too previous.

And she saved time—by refusing to marry him!—Mary Graham Bonner in Judge.

MADE A HIT WITH STUDENTS

"Cafeteria Work" Was Something Which Evidently Had the Approval of the Entire Body.

A new school for boys in Terre Haute, Ind., is a very modern vocational school, with band equipment, big athletic park and cafeteria. And the new students were much impressed by these facilities.

On the first day of school one of the new fellows watched a last year student make out his program, and it read: "Shop work, wood work, chemical laboratory work and forge work."

He studied it a little while and began writing. And this is what he wrote: "Band work, athletic work," and then he hesitated, studied for a long time and finished, "cafeteria work."

Before he could get any farther the old student, having seen the program, seized it for exhibit, and it went on record as the most popular program of the school.

Electricity and Bullets.

At a rifle meeting in Switzerland it was discovered that the steel-jacketed bullets of the marksmen were swerved from their course by the influence of telegraph and telephone wires running alongside the range, says the Washington Star. Experiments were then made at Thun by placing four steel cables parallel with the range and about 40 yards distant from it and sending a current of 8,000 volts through them. The effect, it is said, was to turn the bullets so far from their course that the deviation amounted to 24 yards on a range of 200 yards. The bullets on being taken from the targets were found to be magnetized. Next, on an artillery range of 3,000 yards, the electro-magnetic influence was generated 200 yards in front of the targets and 40 yards to one side. The projectiles were swerved 14 degrees from a straight line.

A Doubtful Hit.

One sister in this Evansville family is a newspaper reporter and the other a school teacher. And the little teacher is much given to borrowing her sister's clothes. The good-natured reporter usually doesn't object, but the other day she felt her sister had gone too far when she wore her new silk dress and fall hat to school. She told her so, too.

"But I had heard the school board would be at the building today," the teacher excused herself, "and I wanted to make a hit with them."

"I bet you did," came back the dry retort, "for they all nearly went wild about that dress when I wore it to the school board meeting last night."—Indianapolis News.

Davy Jones' Toll.

Lloyd's Register of Shipping records the loss during the last quarter of 1921 of 99 steamers and 68 sailing vessels, representing 117,926 and 38,138 tons, gross, respectively. The causes are given as wrecked, foundered, collisioned, burned, missing, abandoned, lost and condemned.

Of this total 7 steamers, and 17 sailing vessels were of American register. Holland had no losses during the period under notice. Vessels under 100 tons are excluded from the return.

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