

## CITY IS HIGH IN THE AIR GREAT DESERT IN AUSTRALIA

Gwalior, Capital of Native Indian State, Built on Top of Rock 300 Feet in Height.

South of Agra in the hot half-desert country of central India a great rock looms out of the flat plain. The sides of the butte, as it would be called in the Rocky Mountain country, rise sheer for about 300 feet, and the area of its surface is large enough to support a city. It is about two miles long by a quarter of a mile in breadth. This is Gwalior, the capital of a native Indian state under British domination, and once one of the strongest military positions in India.

Two other cities are instantly called to mind by the sight of Gwalior—one, the neighbor city of Chitor, perched on its rock to the southwest, the other the Pueblo Indian village of Acoma, just half way around the world in the New Mexico desert. All three of them were picked for their military value, and all three have outlived their usefulness.

A narrow winding road cut out of the rock leads from the plain to the citadel above. At the top of the road is the beautiful painted palace, its exterior tiled over with ornamented, highly glazed tiles of a workmanship whose secret has been lost. Color and design are each perfect after their fashion, making the palace one of the sights of India. Inside, alas, it is not a sight but a smell. The bats, the multitudinous Indian bats, have taken possession; they swarm here as in no other place for hundreds of miles around, and no creature with a nose can remain to admire the interior of the painted palace.

## SEA WATER FOUND IN LAYERS

Lower Strata Contain Less Dissolved Oxygen and This Has Influence on Fish Life.

Land animals breathe in oxygen from the air. Fish get it, but less of it, of course, dissolved in water. Messrs. J. W. Sale and W. W. Skinner reported in a paper presented at a meeting of the American Chemical society that the lower layers of certain tidal waters contained less dissolved oxygen than the upper layers.

They show this to be due to the greater specific gravity of the under layers compared to those above them. In other words, the water is found in strata, according to its weight, and this prevents an up-and-down circulation. When we recognize that the oxygen is also depleted by other agencies there is sometimes found to be very little of it in the lower layers. The depletion is greatest in September.

Tidal waves and storms bring precipitates which with the depletion of oxygen have a great influence on fish life.

## Substitute for Olive Oil.

The production of sim-sim of sesam (Sesamum indicum) seed is an important agricultural endeavor on the East coast and in the interior lake districts of Africa. The total exportation of this product from the protectorates of British East Africa and Uganda during the fiscal year ended March 31, 1915, (the last available detailed statistics), amounted to \$1,134,820 pounds, valued at \$102,824, of which amount about 20 per cent was produced in Uganda and the remainder on the coastal plain of British East Africa.

In that year 28 per cent of these exports went to India, 22 per cent to Aden, 18 per cent to Italy, 15 per cent to Italian Somaliland, and most of the balance to Zanzibar and France. In former years Germany was the largest purchaser of this product, which is a substitute for olive oil. These figures, it should be understood, do not represent the total production of sim-sim within the territory mentioned inasmuch as a very large amount is consumed locally.

## Nature Smiles on Malaga.

Malaga is perhaps the oldest of Spanish cities. Certainly she is in many ways the fairest of them all. If ever there was a lotus land, it is here. The rich earth is fairly bursting with fertility, hidden under a wealth of semi-tropical vegetation, with here and there the green vine hills that bear the grapes for which Malaga is known all over the world. There are flowers, too, great, gaudy blooms, that go with the South sea appearance of the aloes and palmettoes and palms. In a word, Malaga is a city where nature smiles. Sometimes a year will go by there without seven cloudy days.

## Something in the Way.

"What are you going to do?" asked the sweet young thing.  
"I'm going to kiss you," said the man.  
"But don't you see I have a chap-eron with me?"  
"Yes, but she's deaf, isn't she?"  
"But she's not blind, and, besides, she has a very jealous nature."

## His Advantage.

"A shoemaker is in no danger of having any of his stock left on his hands."  
"Why isn't he?"  
"Because the shoes he makes are all soled by the time he finishes them."

## A Doubting Texan.

The ladies who declare they will serve their country by working in the fields will be able to save their complexions, but it will come pretty hard for many of them to learn how to cuss a mule effectively.—Houston Post.

Suffering Attending Explorations in Continent Have No Parallel in United States.

As a record of human endeavor the explorations of Australia constitute a chapter in history for which the United States has no parallel. The pioneers who crossed the Alleghenies found fertile country beyond; the trappers and traders on our northern boundaries were in country abundantly supplied with food and water; the men who pushed their way across the great plains had forage and water for their animals and wild game for themselves. The forty-niners who crossed the deserts of Utah and Nevada were encouraged by the knowledge of California beyond. Only the Spanish explorers from Mexico and pioneer travelers through the deserts of Arizona and southern California can appreciate the suffering and understand the failure of the heroic Australian scouts, says the National Geographic Magazine.

The center of the great continent, which their hopes had pictured as grass-covered plains, fertile valleys, lakes and timbered highlands, interspersed perhaps with arid stretches, had turned out to be one of the most extensive deserts in the world, into which streams rising near the coast were lost in a sea of rock and sand.

It is as if the people of the United States should wake up some morning and find that all the land between the Alleghenies and the Sierra Nevadas had been converted into plains like the arid stretches of Utah.

## SIR LAUNCELOT TO RESCUE

But Gallant Knight Left Fair Damsel to Her Fate, According to Modern Version of Story.

"That's funny," mused Launcelot, one of the knightly boarders at King Arthur's table. "That's funny," he added, "I haven't rescued a damsel in distress for almost two weeks."

At that moment a piercing, but sweet, scream issued from behind a clump of laryngitis trees.

"Sic 'em, Semper Tyrannus," chuckled Launcelot, and spurred his good steed Yea-Bo. Behind the laryngitis tree he found a fair golden-haired, dark-eyed female bound hand and foot, while a great hulking wretch was tickling her lovely nose with a feather.

"What ho! Ho what," cried Launcelot, and prepared to spit the fellow on his lance.

"Nay, nay, good knight, good knight!" cried the dark, fair one's tormentor. "Do you give me leave to explain. This wench is my wife, and many a time and oft have I warned her it would go hard with her if I came home, once more and found her at the 'runnies' instead of home preparing supper. And but just now I came home famished to find no supper and my wife at the 'runnies.'"

"Give it to her good. Go to it!" said Launcelot and hid him hence.—Detroit Free Press.

## New Type of Boat.

A party which plans an exploring expedition in certain South American rivers has purchased a shallow water motor boat. The craft is 28 feet long, has an eight-foot beam and is equipped with an 18-inch propeller. The latter projects less than ten inches below the lowest point of the keel, is situated in a well or tunnel, and operates at all times in a solid column, which extends upward from the tunnel, draws the water up into the latter and the column to a depth of at least four feet nine inches. The boat has a draft of but seven inches without a load, and when carrying 15 passengers draws approximately ten inches of water. The motion of the propeller tends to lift the boat from the water. The boat is so shaped that it produces practically no stern waves. The purchasers believe that it will prove particularly adapted to exploring shallow streams and inlets. It is large enough to carry a good-sized party, together with their camp equipment and all needed supplies, for a considerable period.—Popular Mechanics Magazine.

## Futility of "No Trespass" Signs.

In the American Magazine David Grayson comments as follows on a farmer who covered his land with "No Trespass" signs:

"I did not need to enter his fields, nor climb his hill, nor walk by his brook; but as the springs passed and the autumns whitened into winter, I came into more and more complete possession of all those fields that he so jealously posted. I looked with strange joy upon his hill, saw April blossom in his orchard and May color the wild grape leaves along his walls. June I smelled in the sweet vernal of his hay fields, and from the October of his maples and beeches I gathered rich crops—and put up no hostile signs of ownership, paid no taxes, worried over no mortgage, and often marvelled that he should be so poor within his posted domain and I so rich without."

## When Bread Was First Made.

The earliest instance of the preparation of bread as an article of food is found in the Bible in Genesis 18:6. The grain employed was of various sorts. The best bread was made of wheat, which, after being ground, produced the flour or meal. Barley was only used by the poor or in time of scarcity. "Spelt" was also used, both in Egypt and Palestine. The bread taken by persons on a journey (Genesis 14:23; Joshua 9:12) was probably a kind of biscuit.

## JAPAN IS SELF-SUFFICIENT

Country Has Preserved Its Nationalism and Independence Thanks to Anti-Foreign Government.

Japanese egotism has caused much trouble and misunderstanding. It has doubtless also caused much progress. In Turkey, the young men from Armenia, Persia, Syria and Egypt dare not call their souls their own. Nationalism in the Syrian Protestant college has to give way to international brotherhood, and no matter how much emphasis is laid on the development of the individual talent for leadership in those small lands, which are denied nationalism by the powers not of heaven but of Europe, there is little hope that the young graduate can ever really lead his nation to better things.

Japan, thanks to the anti-foreign government, has saved her nationalism and independence; and methods similar to those used in Turkey or China do not apply. If unity and strength come to China or Turkey, conditions there will become similar. While we exclude the yellow men from America, we cannot hope eternally to dominate their souls at home. Christian money, sent to Japan, will be administered by the ones for whose use it is given, teaching democracy and not autocracy in a land which denies foreign domination in all things.—Maynard Owen Williams, in the Christian Herald.

## CITY HALL 220 YEARS OLD

Dungeon and Cell in Dundee Structure Show Severity of Punishment Two Centuries Ago.

In the High street of the city and royal burgh of Dundee is an ancient structure, within which the town council still transacts the business of the city. This building was erected some 220 years ago and cost £4,000. In the underground basement is the "condemned cell," seven feet six inches in height and eight feet by seven feet, and without light, ventilation, or sanitary provision of any kind. In this gruesome dungeon the old-time criminal condemned to death awaited his end.

In the upper portion of the building are 22 cells, once used for ordinary prisoners. One of these cells, under the sloping roof of the facade, illustrates the severity of methods of punishment two centuries ago. To a strong iron staple in the center of the apartment the unfortunate prisoner was attached by shackles on his ankles, the roof overhead being so low that he could not stand upright. Only the worst type of criminal was confined in this cell. The ponderous key of the heavily studded door which admits one to the cells has quite a medieval appearance, being eight inches long, with wards of 2½ inches.

## Spare Convict's Hands.

Now we know exactly what Justice Darling really thinks of violin players, says the London Globe. One of that tuneful craft appealed against doing hard labor for felony because it might spoil his hands. The court remitted the hard labor and gave reasons.

Justice Darling said that it was expedient for the convict to have a profession in which he could do no harm. If his hands became hard and he could not play the violin, he might again take to practices of the kind of which he had been convicted.

This is quite a new view to take of the uses of the violin. Playing the violin is useful, according to his lordship, because it keeps the performer out of mischief. We wonder if this applies to all music. The vocalist who breaks out in song, we presume, less likely to break into a dwelling house. He who picks the banjo will be kept from picking pockets. And the performer who blows the cornet with feeling will not blow a safe with nitroglycerin.

## Paid Wages Due 40 Years.

Edwin Fawcett, son of a former paper manufacturer, surprised Cornwall-on-Hudson, New York, by appearing there, distributing to former employees at his father's mill in Moodna pay that had been due them 40 years.

The elder Fawcett's concern got in financial straits after the panic of '73. When the mill closed in 1877 it owed wages to several employees, and Samuel Fawcett told them they would get their pay some day.

His son appeared with a list of former employees, including Charles D. Smith, who was a mere boy when the mill employed him. He received pay, with interest, amounting to \$65; his sister received \$30 due to their mother, now dead. Others were paid and, in case the employee had died, his next of kin received the money.

## Little Things That Count.

Go at your garden work with a will and stick to it all during the summer. You may not raise much, but every little helps. Everything that you raise for yourself lessens the drain on the general supply that must be provided for those who cannot raise anything. If you raise only a peck of potatoes, that means that there will be just one more peck of potatoes in the world than there would have been if you had done nothing, and helps the world situation just so much. This is a day of big things, but it is also a day of small things, because many of them are necessary to make a big thing. Your garden is one of the little things that is to help feed the world, so stick to it and serve both your country and yourself directly and importantly.—Exchange.

# You Make Money

## But Do You SAVE IT?

The time may come when you will wish you had some of the Money you are frittering away today. It is easy to save, if you but make up your mind to do so. Will you make the start NOW by opening an account with us? We pay 4 per cent interest on savings deposits.

# TEN DOLLARS

In this Bank  
it  
GROWS

In your Pocket  
it  
SHRINKS

We Have Said Enough

# THE FARMERS BANK