

# VALUE ANCIENT ARCHITECTURE

Moderns Can Read Lesson of Greatness in Temples, Says Scientist.

It has been said that history was the written record of things. No doubt, what had been written was of enormous value, but it was not all, and even where we had a literature of the past it was in some cases not the greater part of what conveyed the past to us, said Prof. Filinders Petrie, in a London address. Where should we be in the understanding of the ancient Greeks if there were no statues and no sculpture? How could we understand their magnificent sense of accuracy, precision and refinement if there were no architecture to study?

He thought he was going to deal with tents of all such, but he found he had to deal with hundreds. How the Greeks did it, he did not understand. He could not comprehend the physical means of doing it on that scale. That was only an instance of how much building could teach them. Who could appreciate the accuracy, the sense of perfection, and the sense of beauty, if we had not these material remains?

Then, if they looked a little later, let them consider how miserable was the greater part of the histories of the emperors. What did they understand of Rome? They understood the Coliseum—the majesty of it and the cruelty of it—they could understand the magnificent temples, the great architecture, and they could see for the first time that Rome was far better than by reading all the imperial historians. And if they looked a little later, what was there in the whole writings of the thirteenth century which gave them such a perfect picture of the medieval mind as Salisbury cathedral.

He ventured to give these as illustrations of the value of the material civilization side by side with the civilization of the people, because he thought they would enable them to grasp perhaps more clearly how much they could ascertain and feel and know about the civilization of which they had material remains. They could learn then to understand the feelings, sentiments and ideals of those whose men from their literature.

## SCIENCE IN FARMING

Water Power Put to Use and Windmills Do More Work—How Science is Aiding.

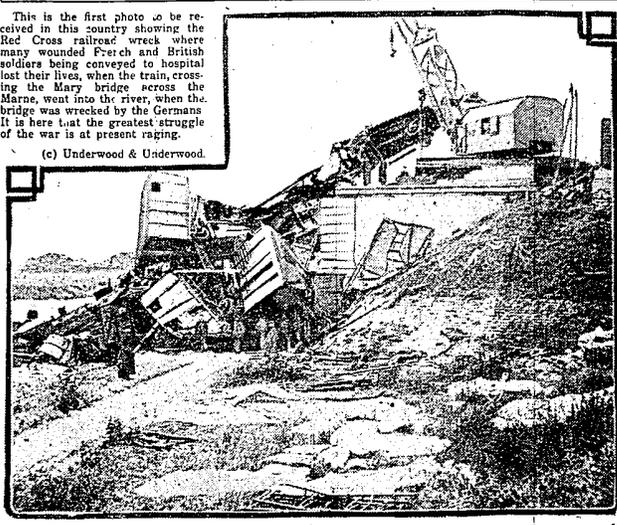
Much is heard nowadays of "scientific farming." Those who know little about farming may imagine that the expression refers merely to extensive agriculture, getting greater yields from the soil, etc. It has a broader meaning than that, however. Modern invention is now doing a great deal for the farmer and is destined to play a much more important part in development.

Of the 20,000,000 workers in the United States, it is estimated that a third are farmers and their help. Ninety per cent. of the horses and mules are farm animals, but gasoline engines and electricity are proving a superior for energy production, and science in this way is making strides that many of us do not as yet realize.

In many regions water power is being converted into electricity for working machinery on farms and supplying light. Where water power is absent windmills are being used to generate electricity. There are many farmers who have their own plants and others who buy service from community plants. The present day farmer may make his own ice for refrigerating by means of electricity, and irrigation, plowing, planting, reaping, etc., may all and more be done by electrical power. Cold storage plants on farms keep products in good condition. Household labor has been greatly lightened. Not only has the wonderful development of machinery bettered the finances of the farmer, but it has given him and his family advantages that are denied to many of the people of the large cities.

Science has also devoted its attention to the output of the farms. Products formerly wasted, often turn out to be more valuable than the main crop. Even where potatoes have been frozen, they had been distilled into high grade alcohol, where previously they had been destroyed. Potatoes are preserved by washing, drying, peeling, and cutting, and again drying, the product placed on the market as potato flakes. Starch and sugar are now extracted from plants formerly neglected, and even weeds are in some cases cultivated as useful.

## GERMANS MINE BRIDGE; RED CROSS TRAIN WRECKED; MANY DIE



(c) Underwood & Underwood.

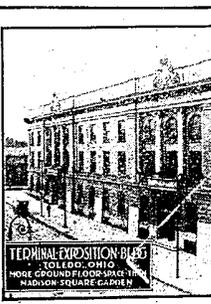
## BOYS' IDEALS SOARING SKYWARD

Twentieth Century Youngster Engaged in Lofty Pursuit That Stumps His Pa.

HE IS WIZARD OF THE AIR Lads Now Spend Hours in Secret Learning How to Drive an Aeroplane.

London.—The Twentieth Century is a new type, or rather he is the old boy who, a year or two ago, was wholly devoted to the toy locomotives but has now found another and loftier pursuit.

The elaborate model railway system, built up with patient care, as pocket money and birthday gifts permitted, has neglected in the bedroom, for the former general manager, a more fortunate young Icarus, has turned his thoughts skyward.



"PUT ME OFF AT TO-LE-DO, I'M ON MY WAY TO THE BIG LAND SHOW!"

Farmers and City Folks From All Parts of Michigan and Ohio Will Attend the Greatest of All Land Expositions at Toledo, November 23 to December 5.

"When the frost is on the pumpkin and the fodder is in the stack, when the fall planting is done, and everything made snug for winter, the farmers of Ohio and Michigan, and boys of city folks, too, will be found on their way to Toledo, to get a look at the biggest exhibit of modern farm products and farm methods ever gathered together.

graphs now"), and the elder makes a shift to tell a fustilage from an elevator and to distinguish between a bathtub and a seaplane.

The boy's unconscious suspicion was delighted; he had no suspicion that his easy mastery of detail brought home to five-and-forty the gulf which was between the old century and the new. Here was evidence of a vast progress, a new science, a fresh outlook, perhaps "a good opening for a young man" with a decided turn for mechanics.

And all this wonderful development, had been going on while an out-of-date parent was keeping his nose fast to dusty follies. The true inwardness of the matter was hidden from his unprogressive mind. But the younger generation had knocked at the door with a vengeance.

Here was where Icarus' foolishness became a practical science, a scientific art, and a new year's lesson grown up aware himself, rather than a child sent to play school, philosopher and poet to a bearded father in this strange world of aviation.



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## FOREIGN JOURNALS AND THE WAR

Milwaukee Journal: With the "biggest story" in history at their front door, newspapers in Paris and London may be forced to suspend before they can print it. The supply of paper is very limited. Paris papers now print out two pages in small sizes and have cut out the margins in order to husband their resources. In London, the great Times has cut from fourteen to six pages, and other papers have reduced accordingly. Even at this rate, it is possible that before the great battles are fought there will be no paper on which to set the news. All advertising has disappeared.

## NOVELTY IN BOAT CONSTRUCTION

The U. S. Navy has lately made trial of a new kind of boat, the invention of a Nook Section named Hickman. The remarkable speed of 25 1/2 miles an hour was made. This boat has two keels, side by side. The inventor of a sled in fact, the inventor calls his contrivance "sea sled."

Instead of being "calanah" like the ordinary hull, this boat has the inverted T-shape.

## WANTS FOR SALE EXCHANGES

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C. S. BEADLE, McGraw Bldg., Detroit, Mich., Main 6524.

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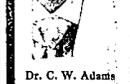
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## BRIDGEWORK GOLD OR PORCELAIN, \$3 to \$4.

Don't be impressed that because you have one or more teeth missing that they cannot be replaced without wearing a plate. Dr. Adams' bridge-work specialists can put in teeth without plates for those open spaces, and they will be made to fit substantially and look and feel like natural teeth. It requires expert dentistry to do this kind of work, and we assure you that we have them associated here. Our work is guaranteed.

## CROWNS Gold or Porcelain, \$1, \$2 and \$3.

Have you allowed your teeth to become too badly decayed to hold fillings or broken off? Our crown specialists can put on a gold crown or one of porcelain, that will look exactly like your natural teeth. Regular heavy gold or porcelain crowns are fitted in such a way as to be substantial and therefore stand the strain, and are very reasonable at \$1, \$2 and \$3. These crowns are guaranteed by us.

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