

**WILL SIFT ANCIENT MOUNDS**

Archeologists Plan Most Thorough Examination of Structures at Camp Sherman, in Ohio.

Excavations of seven prehistoric mounds at Camp Sherman will be started by Dr. William C. Mills, curator of the Ohio State Archeological and Historical Society. The mounds on which the mounds are situated was one of those condemned and purchased by the government for Camp Sherman. The only examination ever made of the mounds was by Squier and Davis in 1848. Relics they uncovered were purchased by the Blackmore museum, Salisbury, England, for \$10,000. Squier and Davis were responsible for the conclusion that the mounds were built by a distinct race, known as "Mound Builders." This theory is vigorously contested by Doctor Mills and other noted archeologists. They say there is conclusive evidence that the mounds were built by American Indians of the Algonquin family. Squier and Davis, in their examination of the mounds, merely tunneled several of the mounds. Doctor Mills will completely tear them down sifting a great part of the dirt through screens. There are 23 mounds in the group. Some already have been excavated by Doctor Mills. One was found to contain 133 skeletons and 12,000 specimens of flint, copper and pottery implements and vessels.

**"Little Zion" Becomes Park.**  
Three hundred miles south of Salt Lake City and reached by automobile from Lund, Utah, is Little Zion canyon, the newest of American national playgrounds. The canyon derives its name from Salt Lake City, which about 50 years ago was known as Zion. Brigham Young and other Mormons visited the district and the inhabitants decided that they would call the canyon "Little Zion," evidently considering Salt Lake City a big place. Within the last few years, Little Zion canyon has been visited by a large number of tourists and some of them have termed it "The Rainbow of the Desert." There are deep canyons with cliffs of blood red and cliffs of cream white rising to a height of 2,500 feet. Huge natural bridges and level-topped plateaus, with precipitous cliffs and picturesque amphitheatres, provide a picture that strikes one with awe.—Christian Science Monitor.

**When Mankind Was Young.**  
Not being as well informed as Dr. W. D. Matthews, curator of the American Museum of Natural History, is about the matter, you have to take his word for it. "It" happens to be the "Tulanean" or "Terrible Tooth," a prehistoric animal that must have resembled some equally prehistoric delirium tremens animal. What really interests us is the following statement from Doctor Matthews: "At that time our ancestors were little, opossumlike, furry creatures, living in trees and quite too small and inconspicuous to be troubled by the huge reptiles who in those days held the earth in fee." The opossum, like a lot of men, is fond of snoozing.

**Squirrels Big as Cats.**  
There is no country that can rival North America for the great number of squirrels, both species and subspecies, represented in her fauna. In so far as brilliancy of color and size are concerned, however, says the American Forestry Magazine of Washington, the handsomest and largest squirrels in the world are found in the Orient and the East Indies. Along the coast of Malabar is found a squirrel as big as an ordinary cat; this animal is bright red on the upper part of its body, offset by the most intense black, while all the lower parts are of a clear yellow.

**A Worthy Candidate**

We feel we could not be doing our readers justice should we fail at this time to call attention to the candidacy of Col. Walter D. Whitcomb for State Senator from Multnomah County on the Republican ticket in this issue. Col. Whitcomb has been actively associated with business affairs in Portland since 1910, being associated with Whitfield, & Whitcomb Company, Certified Public Accountants with branches in all the large Pacific Coast cities. In the spring of 1917 Mr. Whitcomb enlisted in the Medical Corps as a private, was sent overseas and regularly promoted until he returned to this country after the war was over and was discharged from his country's service a Lieutenant Colonel.

Col. Whitcomb has devoted much of his time to the development and furtherance of the interest of various community activities. He stands at the top of his profession, having served as President of the Oregon State Society of Certified Public Accountants and on the Examining Board representing the Pacific Coast of the American Institute of Accountants and is a member of the State Board of Accountancy of Oregon. His slogan is the watch word of the future. "I will handle your business in a business like manner." It is Mr. Whitcomb's theory that the best business methods should be applied to the State's business, and the best business sense used in solving public problems.

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**CUBA OWES MUCH TO GORGAS**

Work of American Medical Officer Converted Island From Plague Spot to Pleasure Resort.

Cubans take a great deal of pride in the Prado, a splendid avenue about two miles in length extending from a charming park to the Havana waterfront. Several years ago the tourist who had ventured on the Prado was generally held to have risked his life by mingling with the crowd, when yellow fever scourged Cuba annually. Malaria was also frequent, and Havana had the reputation of being one of the unhealthiest places in the world.

In 1901 General Gorgas, then a major, became sanitary officer at Havana, and dealt so effectively with the terrible plague that by 1910 not a case had originated in the city. The successful fight against the fever was due to the remarkable discoveries by American physicians that these diseases were transmitted by mosquitoes. The fight against yellow fever helped to curb other epidemics. Havana has generally been extraordinarily prosperous. Under the harsh Spanish rule, at a time when only a tenth of the land in Cuba was cultivated, the island was able to pay Spain between \$20,000,000 and \$40,000,000 annually. The world shortage of sugar has made this prosperity of the past seem a small matter. Millions have been made over night, the Cubans having so much money and entertaining so many millionaires from America that Havana is not a good place for a poor man to visit.

**GETS ALCOHOL FROM COAL**

Discovery by English Scientist That is of Monetary as Well as Practical Value.

The extraction of alcohol from coke-oven gas on a commercial scale was proven possible at a meeting of the Cleveland Institute of Engineers at Middlesbrough (England) by Ernest Bury of the Skinningrove Iron and Steel works. Mr. Bury showed that he had succeeded in extracting ethyl alcohol and its derivatives. The practical working of Mr. Bury's process at the Skinningrove plant, where 5,800 tons of coal are carbonized per week, revealed an average yield of 1.6 gallons of alcohol per ton of coal carbonized. The total weight of coal reduced to coke in the United Kingdom in 1918 having been 14,925,000 tons, the application of Mr. Bury's process to the entire amount of coal would yield 23,416,000 gallons, the value of which would be \$11,305,900. The recovery of alcohol at the gas works of the country would yield a further 7,000,000 gallons, or alcohol and benzol taken together, would amount to 114,000,000 to meet the requirements of the country, which amounts to 100,000,000 per annum.

**Plywood in Airplane Construction.**

Plywood is wood of any variety that has been cut by a machine into thin layers and glued together again in such a way that the grain of one layer runs at an angle to the grain of two adjacent layers. The strength of a plywood panel, in two planes, greatly exceeds that of steel. With some wood, by combining cuts, it is even possible to get greater resistance to stress in all three planes than steel affords, though it is rarely necessary to go so far. Ordinary wood used for airplane construction is not required to withstand severe stresses in more than two planes. What plywood means to airplane construction is well illustrated by the De Havilland A. Before that method of using wood was invented the best airplane wing rib weighed 7.95 ounces, and was capable of sustaining a load of only 80 pounds. Since then the plywood rib used on the De Havilland weighs 5.12 ounces and will carry a load of 274 pounds.—Popular Mechanics Magazine.

**Luminous Dials Popular.**

The radium watch industry, which has grown in a few years to such large proportions, began with the production of one watch in 1913 by the scientist Dr. George F. Kunitz. During 1918-19 a few hundred such watches were imported and sold under patents owned by a large American radium company. From 1919 until the present time the industry has grown steadily. In 1913 about 3,500 radium watches and clocks were sold in the United States, and by 1915 there was more than a five fold increase in this number. From these small beginnings the use of radio-luminous compound has grown into an industry with an output which in 1919 approximated 2,200,000 American high-grade and cheap watches and clocks and upward of 500,000 imported timepieces.

**Almost Deserved to Escape.**

Butter served to the prisoners in the county jail at La Crosse, Wis., helped one of them in trying to escape. The butter, mixed with some coal disinfectant, made a substance which furnished him with light for his night work. A strip torn from his shirt made a wick. With this improvised candle he worked nights, cut the floor of the cell, making a hole large enough to let him through. A short tunnel took him to the brick wall, which would have been easy picking for him had he not been discovered.

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