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**THE LITTLE BROTHERS OF THE NATION**

There is no phase of the achievements of our government more creditable to us than that dealing with the acquirement and handing of our outlying possessions.

A foreigner speaking of the United States colonization work says: "There never was a colonizing power which set out so fast to teach and educate the native races with which it came in contact. One great fact in development which citizens of the United States understand is that money spent on essentials is bound to pay itself back."

An interesting account of our insular and other outlying possessions is given in the latest booklet of the series on Our Government being issued monthly by this institution. Are you receiving them?

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NEW MONTE CARLO IN CUBA?

Possibility That World-Famous Gambling Establishment May Be Located on the Island.

"The greatest gambling center in the world will be located in the western hemisphere if plans for 'palaces' in Cuba develop as given out," said Walter P. Harris of Havana. "Cuba is already beset with the gambling fever, and fortunes change hands almost every day."

"Since the announcement of the prince of Monaco that he is preparing to close Monte Carlo, there have been extensive preparations for the establishment of great gambling palaces designed to attract the sporting element that now visits Monte Carlo to the 'Pearl of the Antilles.' Several villages have been surveyed with the view of locating this gambling center, but so far no definite decision has been reached.

"Gambling is already flourishing in Havana. The Casino de la Playa is a great parish temple of roulette, where wonderful dinners are served at less than cost. The profits to the house comes from the wheel. The men who take women to the Casino for dinner usually kick them at the wheel."

"The moratorium now in effect on the island has not affected the crowds at the Casino, because they are mostly composed of tourists, and the visitor is treated to the sight of a country apparently bankrupt but gambling madly, where fortunes change hands overnight and the beggar of today may be the rich man of tomorrow." —Washington Post.

HUMAN FACE AS A BEACON

Radiometer Able to Record the "Shine" Throw Off at a Distance of Several Miles.

Novelists that speak of a face "lighting up" perdon an actual truth that few of them are aware of or intend. One of the most delicate instruments in the world, a radiometer, records the "shine" of a human face, and can do it at a distance of several miles. So delicate is the instrument that it can detect and record the glimmer of a candle half a mile away, and if there were no atmospheric obstruction it could detect the same candle 10 miles away. The instrument consists of two thin glass disks, one polished and one blackened, suspended by a quartz thread in a vacuum. Waves of radiant energy striking this instrument dislodge its balance, because the bright disk reflects them, while the black one absorbs them.

While the human face to the normal eye gives out no waves of radiant energy, the fact remains that a constant flow of energy is being thrown off, and these waves travel an unknown distance. Although the radiometer is a wonderful and delicate instrument, there is a thermal couple ten times as sensitive as the radiometer and it can detect the heat of a candle 60 miles distant.

Italy to the Rescue.

Visiting a school is a doubtful pleasure. But the woman had promised to call for a friend who is known as a "rocky" teacher. She waited until almost closing time before entering the school, a red brick, lumpy sort of building, not specially attractive. It looked as if she had come too soon. All eyes soon focused on her instead of on the busy little teacher. The word "trio" was being explained to the children and volunteers were asked to stand and say the word in a sentence. And no one need expect to go home until the word was fully explained.

Little R. T. coaxed, "Come now, tell me just one little story with 'trio' in it."

Timidly, swarthy little Giuseppe raised his hand. His naturally happy face was strained in his effort to help. Then flushed a bright smile at the woman and shouted cheerfully:

"It is nearly tri clock"—New York Sun.

Go to Class by Underground Tunnels.

An underground tunnel system that has all the fascination of the catacombs, although it serves the less dramatic function of conveying heating pipes, is one of the chief attractions at Wesleyan college.

It has just been completed and undergraduates are being permitted to ramble around under the 300-acre campus.

The tunnels are six feet high and wide enough for comfortable walking. Girls have found that no matter how cold the weather, it is a good plan to stanch coat when taking this long adventure. The temperature from the heating pipe is about that of a Turkish bath.

This Oil May Cure Leprosy.

The use of Chamomile oil has been known for some time to have some virtue in the treatment of leprosy, and recently it has been discovered that there are a great many points of similarity between the germs of leprosy and those of tuberculosis. This has led to some government experiments in the direction of combating tuberculosis which will be conducted at Harvard.

Iron Ore From the Alps.

A new iron ore field has been discovered in Switzerland which is estimated to contain 47,000,000 tons, which will assure to Switzerland, at present consumption rate, sufficient iron ore to last for 45 years. The federal council suggests a provision by the government of 1,200,000 francs upon condition that a total capital of 4,000,000 francs is raised for exploitation.

From The Benedictine Sisters

The following from the Benedictine Sisters, Holy Name Convent, San Antonio, Fla., is of value to every mother: "We have just received shipment of Foley's Honey and Tar. It is a household remedy. We have used it since we knew of it, for our children especially, and always found it beneficial. Ad.

Sold Everywhere.

OLD TANNERS DID GOOD WORK

Leather Made in China 1,000 Years Ago Has Been Found in Comparatively Good Condition.

Originally skins were cured by simply cleaning and drying. Then it was found the texture of the leather was improved by the use of smoke, sour milk, various oils and the brains of animals themselves. Later it was discovered that certain astrigent herbs and vegetables effected permanent changes in the texture of skins and stopped decay. The ancient Egyptians possessed this knowledge, for engravings on their tombs depict the process of tanning. In China specimens of leather have been discovered in company with other relics that prove them to be more than 1,000 years old. The Chinese used leather which they tanned with oil, smoke and bark. Early explorers in America found the Indians wearing skins prepared with buffalo dung, oil and clay.

No improvement in the general methods of preparing leather took place from the most primitive times until about 1750, when the use of lime to loosen the hair was introduced. By 1825 English tanners were attempting to introduce new methods by which the tanning process could be shortened. One of the pioneers in these experiments was John Burridge, the inventor of the burrrometer, an instrument for determining the strength of tanning liquors.

In 1850 the first tannery in America was built in Virginia. A second one was established a few years later at Lynn, Mass.

Astronomically speaking, the above distance is very short. The sun is our nearest star. Strain the imagination by trying to comprehend the velocity of light which would pass seven times around the earth in one second of time. Now stagger the brain by trying to think of stars, so remote from us that a million years are required for their light to cross the enormous abyss that separates them from us. Think of it! When that ray of light which now enters the eye, started on its course, perhaps there was no life on this earth.—John Canfield Dean in the Indianapolis News.

FIRST "BLUE LAW" EXPONENT

Emperor Constantine Laid Down Strict Rules for the Guidance of His Subject Peoples.

Constantine, the great Roman emperor, who reigned in 321 A. D., was the first ruler in Europe to impose blue laws upon the people. Constantine was highly religious, and he demanded strict observance of the Sabbath throughout his vast empire.

He decreed that "judges, inhabitants and artisans" must rest on the Sabbath. He excepted husbandmen from this order, however. Since "sowing was a necessity and could not be done on any other day." Slaves could not be compelled work on this day by the emperor's decree. Should masters be caught in the act of forcing their slaves to labor, a heavy fine and perhaps a jail sentence would be imposed.

Children were emancipated from labor on the Sabbath. Constantine also ordered his vast armies wherever they might be to devote this day to prayer. At the same time he set aside Friday as a day in which prayer was required of all the people. Later he extended his order to include Saturday as a day when the wheels of Roman industry should remain still.

The Price That Is Set.

The gods have set a price upon every real and noble pleasure. If you would gain the favor of the Deity you must be at the pains of worshipping Him: if you would be beloved by your friends you must study to oblige them; if you would be honored by any city you must be of service to it; and if you would be admired by all Greece, on account of your probity and valor, you must exert yourself to do her some eminent service. If you would render your fields fruitful and fill your arms with grain, you must labor to cultivate the soil accordingly. Would you grow rich by your herds, a proper care must be taken of them; would you extend your dominions by arms and be rendered capable of setting at liberty your captive friends and bringing your enemies to subjection, you must not only learn of those that are experienced in the art of war, but exercise yourself also in the practice of military affairs; and if you would excel in the strength of your body you must keep your body in due subjection to your mind and exercise it with labor and pains.—From the "Memorials of Socrates."

Encouraging the Hen.

The modern method of increasing the quantity of eggs that may be obtained from hens is turning on electric lights in their pens in the middle of the night, thereby awakening them, to the end that they eat an extra meal and thus approach closer than ever before the ideal of laying an egg a day, week after week. One cannot but think that this lengthening of the working day for hens is a device of the same genius who discovered that there was no need of arising at dawn to feed the poultry. He simply waited until after the henyard denizens had gone to roost, and then scattered their morning meal. The hens found their breakfast waiting for them in the morning, while the ingenuous one arose and went about the affairs of the day only when he so inclined. No chancioneer called him to work.

"Automobile" Street Car.

Mechanical arrangement similar in many respects to that of an automobile is the distinguishing feature of a new form of gasoline-driven interurban car described in Popular Mechanics Magazine. Though the body seating 33 passengers, is like that of a standard modern street car, there is a long hood extending in front, in which the 50-horsepower engine is mounted. An auto-type gear shift is provided, and a shaft transmits the power to the rear wheels. Air brakes, electric lights, and a hot water heating plant are other details of the equipment. The car makes a round trip of 40 miles in a little more than two and one-half hours, consuming about five and one-half gallons of gasoline, or one gallon to seven miles.

Too Late.

"Ah!" exclaimed the fallen baseball star as he wiped away a tear. "If I had only thought about that song the young people were singing when I was a bush league player!"

"What was it?" asked a sympathetic friend.

"Take Back Your Gold!"—Birmingham Age-Herald.

Bad Housing and Tuberculosis.

Because of lack of housing in New York Doctor Ospeland, city health commissioner, fears an increase in the tuberculosis mortality rate. He says unsanitary conditions create an excellent field for the spread of disease and are sure to result in a moral and mental degeneracy.

This Woman Suffered

Mrs. H. A. Leaman, Sturgis, Colo., writes: "I suffered with bladder and kidney trouble for years. Foley Kidney Pills helped me so much I feel fine now. Suffered so it seemed I hardly could live. I recommend Foley's Kidney Pills to all who suffer from kidney trouble as I did. Adv. Sold Everywhere."

BEWILDERING TO THE MIND

Everyday Measurements of Science That Are Almost Beyond Comprehension of the Layman.

One great difficulty in the study of astronomy is to comprehend the immensity of the distances and sizes involved. For instance, we can form no conception of the size or distance of the sun.

Suppose there was a spherical shell of the diameter of the sun. Suppose a grain of sand should drop into this shell, every second night and day, a ball the size of the earth. How long would it take to fill the shell? Would it take an hour a day, or a week? In fact, it would take two weeks, and when full the shell would contain more than 1,000,000 earths.

The distance to the sun is 93,000,000 miles. How long would it take a cannon ball to reach the sun, if shot from the earth, and continued on its course at a uniform velocity? In order not to underestimate the distance some might say a year. In fact it would take 1,000,000 years.

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**WOMEN AND PROSPERITY**

HOW does Oregon's prosperity depend upon the women? Because the women do 90 per cent of the buying, and when they insist upon Oregon-made products they help keep Oregon's pay rolls going, and therefore, Oregon's prosperity growing.

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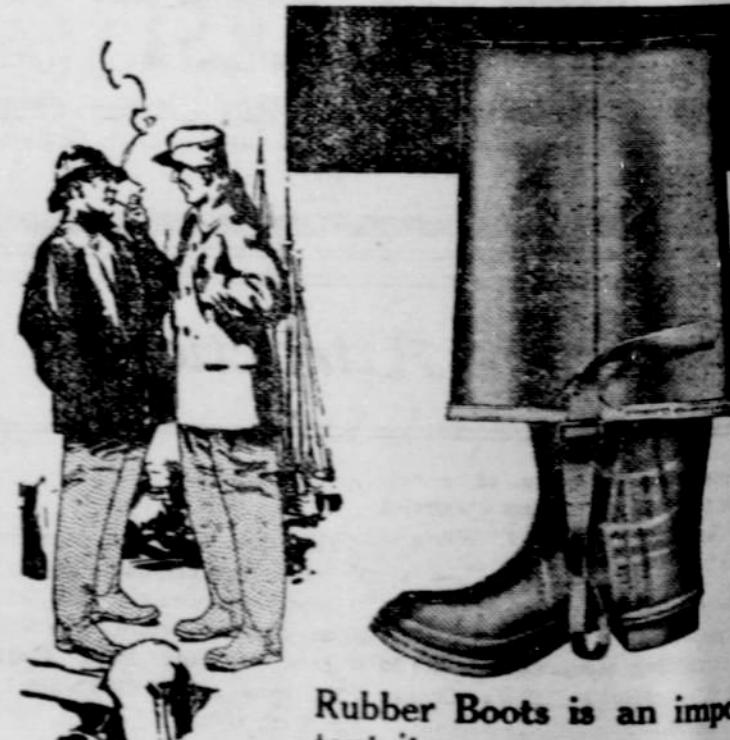
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