

Minute "Movies" of the News Right Off the Reel

Vaccination parties are the vogue of society in Stockholm, Sweden.

Mrs. Preston of Princeton, formerly Mrs. Grover Cleveland, has joined the anti-suffragist movement.

Men do not attain their maximum of efficiency until they are over sixty, says Dr. Harvey W. Wiley.

Raisin seeds are valuable, the department of agriculture has discovered, yielding four marketable byproducts.

Wellesley college girls celebrated May day by appearing on the campus dressed as scrubwomen and carrying pails of soap suds. They scoured all the statues on the college grounds.

An ordinance in Kearny, N. J., requiring children living in a house where there was whooping cough to wear yellow bands around their arms was rescinded owing to the protests of parents.

PASSAGE OF FLEET TO TRY THE PANAMA CANAL.

Plans Made to Mobilize Ships in Pacific For Test.

Plans are being formed for the mobilization of the Atlantic fleet on the Pacific coast next fall or early winter. The fleet will be sent through the Panama canal as soon as it is completed in order to determine how well and how quickly this may be accomplished in case of necessity.

Secretary Daniels, after a conference with Secretary Garrison, who had telegraphed Colonel Goethals for definite information, finds that the chief engineer expects the water to be turned into the Culebra cut in October and that one flight of locks at each end of the canal will then be ready for use.

Colonel Goethals said the opening of the canal had always been predicated on the condition of the slides and the completion of the locks. If in October, when the water is turned in at Culebra, slides do not prevent, it will be possible to pass vessels through. Colonel Goethals is confident of being able to pass vessels through by the end of the year, at all events.

It is planned to send the Fram through the canal, if possible, on her way to be used in Amundsen's arctic cruise, and that ship will be the first, after the old battleship Oregon, to go through. Colonel Goethals, however, gives no positive assurances as to the time when the canal may be used because of the uncertainty of slides at Culebra.

OSLER TELLS HOW TO LIVE.

Life is a Habit, He Says in Address at Yale University.

Sir William Osler of London outlined a new method of life while addressing the Yale university students recently. He urged them to live for the present.

"My method is the freshest, oldest, simplest and usefulest handle in which to fit your tool of life," he said. "Forget the past, forget the future. Life is a habit as hard or as easy to acquire as any other in life. I'm no genius—my friends have found out that—but take no thought for the future, touch a button that will shut off the past and another that will shut off the future, and you will have a vaccine that will insure you against all morbid thought. When the load of tomorrow is added to the load of yesterday many men falter on the way."

"The first two hours of a day determine that day. If you have been romping with the younger Aphrodite the night before you will be as beary eyed as a fish when you get up and the day will be lost. Quit tobacco and liquor. Bright eyes are the thing, and bright eyes never came from too free indulgence."

WILL DUPLICATE CARAVEL.

Harvard Students to Build Replica of Columbus' Vessel.

The students of Harvard university have asked Cayo Puga of Madrid, the designer of the Columbus caravel at the Chicago exposition, to sell his designs, as they propose to construct a similar caravel to pass through the Panama canal at its inauguration as a compliment to Spain. It is proposed that the ship shall go to San Francisco afterward.

Senor Puga replied that he would present the designs willingly without any cost.

Models of the Nina, the Pinta and the Santa Maria, Columbus' three famous little vessels, were exhibited at the Columbian exposition in Chicago in 1893.

Panama Radio Station.

The high power radio station for the Panama canal will be erected at Calmito, on the relocated Panama railroad, according to Shipping Illustrated, about midway between the terminals. There will be three 600 foot steel towers, an operating building, a power building, the necessary quarters and a water and lighting system. A 100 kilowatt radio set will be installed, and a chain of high power stations then will be established in Hawaii, Samoa, Guam and the Philippines.

EGGS HATCHED BY CHEMISTRY

Frog Produced by Science Grows Up.

SECRET OF LIFE IS FOUND.

How Germs Are Fertilized Discovered by Physicians—They Experiment With Sea Urchins and Produced Hybrid Marine Life—Puncture Frogs' Eggs In Unique Tests.

Professor Jacques Loeb of the Rockefeller institute, speaking before the Manhattan Medical society in New York recently described some of his recent experiments in artificial reproduction by fertilization of specimens of animal life that developed to maturity. Professor Loeb excited great interest by relating that a female frog, produced from an artificially fertilized egg, was found on dissection after accidental death to be equipped for parenthood. This frog had reached adult life.

The physicians followed closely Dr. Loeb's description of his experiments. Professor Garry N. Calkins of Columbia university led the discussion which followed. Professor Loeb asserted that as a result of his experiments he had not only learned how to imitate the effect of the spermatozoon in nature, but to learn the nature of the spermatozoon itself and its method of action. He said:

"The egg in nature is only able to develop after the spermatozoon has entered into it. The spermatozoon calls the egg not into life—for it had life already—but into a new being. The question before biology has been, 'How?'"

"Previously biologists answered this question in the same way that a few years ago was answered questions concerning contagious diseases, by hypotheses, by guesses. Biologists compared the egg to a clock and said the spermatozoon wound it. Liebig put his metaphor into terms of chemistry and called the spermatozoon a ferment which set up vibrations in the egg."

"Imitating the Spermatozoon. 'The problem of artificial fertilization was to do what the spermatozoon does by simple physico-chemical means. Observation of the natural process showed visible changes in the egg after the entrance of the spermatozoon. The entrance was followed by a halo forming about the egg, called the fertilization membrane. We found that this was the important thing in the process, not any change in the nucleus, as we had supposed."

"Experimentation led to the discovery that this same halo, or fertilization membrane, followed the application of monobasic fatty acids, such as acetic acid or butyric acid. We started with the sea urchin egg, because that is constant, and we wanted to be able to repeat our experiments."

"We found when we added a monobasic fatty acid to sea water, in which to immerse the egg, that in some cases at low temperatures the egg developed into a larvae and perished. At room temperatures the eggs divided. It was plain that the acid alone did not produce a sufficient effect."

"To prevent the disintegration we hit upon a second treatment. We took the egg from the acid sea water and put it into hypertonic sea water—water to which sugar or salt had been added. This had the effect of drawing some of the water from the egg, about which the fertilization membrane had formed, and a great many of the eggs developed normally. From this we drew the conclusion that the eggs needed a double treatment and that the spermatozoon contained this double treatment in exactly the right proportions. All eggs did not form the fertilization membrane when subjected to the first treatment, a circumstance often embarrassing to the experimenter. We then discovered that all eggs could be made equally sensitive by treating them first with barium chloride or strontium chloride. Marine Life Hybrid.

"Our next experiment was the attempt to fertilize the sea urchin egg with the sperm of a remote species. Ordinarily hybrids do not occur in marine life. This is remarkable, as biologists observed, when various related sea creatures spawn in the same waters. We succeeded, however, in fertilizing sea urchin eggs with starfish sperm by introducing a certain amount of alkalinity into the water."

Professor Loeb explained that the eggs of frogs were started on the road to development by merely puncturing them. This, he said, convinced him that the breaking of the outside of the egg was the important factor, accomplished in nature by chemical action of the spermatozoon, in his earlier experiments by chemical dissolution of its natural protection. Experiments both with naturally fertilized and artificially fertilized eggs, he said, showed that the first effect of the formation of the halo was to increase oxidation six times. This oxidation, he said, was the force which stirred the cell to development.

Three Dollar Tax For Not Voting. Every citizen of Utah who is eligible to vote, but who does not exercise the right, will be compelled to pay a poll tax of \$3 under the terms of a bill passed by the senate recently. The tax applies to women as well as men.

The Land of Yesterday

If one could only find the way - Into the land of yesterday!

How I would thrust the miles aside, Rush up the quiet lane and then, Just when her roses laughed in pride, Find her among the flowers again. I'd slip in silently and wait Until she saw me by the gate. And then \* \* \* read through a blur of tears Quick pardon for the selfish years.

This time, this time, I would not wait, For that brief wire that said, Too late! If I could only find the way Into the land of yesterday.

I wonder if her roses yet Lift up their heads and laugh with pride, And if her plover and mignonette Have heart to blossom by their side; I wonder if the dear old lane Still chirps with robins after rain, And if the birds and banded bees Still rob her early cherry trees \* \* \*

I wonder if I went there now, How everything would seem and how— But not! not now; there is no way Back to the land of yesterday. —Don Marquis in New York Evening Sun.

CHINESE NEWSPAPERS BECOMING PROSPEROUS.

Natives Find Them Useful In Many Ways.

Up to thirty years ago few native newspapers existed in China, while today as many as twelve are published in Hongkong alone, about twenty each in Canton and Shanghai and one or more in every large city of the interior, says the New York Journal. While Chinese newspapers were of small size formerly and printed hardly anything but local items, they now contain an ever increasing number of business advertisements, including those of European firms, and late commercial, technical and foreign news is also published. About twenty periodicals are published in China in English, French and German for the benefit of the Europeans living there, but they are all small papers, with one exception.

The Chinese are the greatest consumers of old newspapers in the world. The official returns of the custom house at Newchwang state that that port alone in 1911 received 1,018 tons of old European newspapers, valued at \$3,000,000.

It is not at first easy to discover to what use so much obsolete news can be put. However, we gather that the middle class Chinese prefer newspaper to the native variety as a covering for their walls. It has a greater power of resistance and affords a more effective barrier to the invasions of the vermin that plague Chinese houses.

Moreover, the natives are experts at cutting out of the newspapers waistcoats, which they wear next to the skin. These paper waistcoats are said to be the best possible protection against a sudden cold snap. In view of these admirable uses to which European newspapers may be put, it is not surprising to learn that the imports of 1911 were heavy.

LEGAL TEN COMMANDMENTS.

Vice President Marshall Lays Down Rules For Lawyers.

In his speech at the first annual dinner of the George Washington University Law school Vice President Marshall laid down rules for the moral and professional guidance of the young lawyer—legal ten commandments. Here they are in a condensed paraphrase:

First.—Don't put a fee before a just cause.

Second.—Don't worship money to the extent of being willing to write a dishonest contract in order to get a large fee.

Third.—Be a peacemaker. That is the lawyer's business.

Fourth.—Don't chase ambulances.

Fifth.—Honor your profession as your own sacred honor; therefore do not seek or confound litigation.

Sixth.—Don't accept contingent fees.

Seventh.—Use your influence against the system of allowing attorneys' fees in advance of divorce cases. Therein lies the evil of the divorce laws. When that has been abolished half the divorce cases will be stopped.

Eighth.—Use your influence to compel a person charged with crime to testify in the cause. The innocent man cannot be harmed thereby.

Ninth.—Take the part of the known criminal, but only to see that justice is tempered with mercy.

Tenth.—Don't inquire as to your client's pocketbook before fixing your fee.

ESTABLISH A SKUNK FARM.

Nebraskans to Have the Only One in Their State.

J. C. Goodbrod and Harve Woodworth of Utica, Neb., will soon be the owners of the only skunk farm in the state of Nebraska and one of the few in the world.

The skunks will be raised for their skins, which are valuable.

By a simple operation the scent bag can be removed from them, leaving them as odorless as other domestic animals. They are easy to care for and will be confined with a woven wire fence, the bottom of which must be buried several feet underground.

"Cure" Was Fatal.

To cure himself of rheumatism Joseph Lofard went to sleep between the legs of a circus elephant at Glen Jean, W. Va., and during the night the beast crushed him to death.

Zemo for Dandruff

You Will be Surprised to See How Quickly it Disappears.

No more dirty coats from dandruff heads. Zemo stops dandruff. Apply it any time with tips of fingers. No smell, no smear. Zemo sinks into the pores, makes the scalp healthy, makes the hair fine and glossy.

Zemo is prepared by E. W. Rose Medicine Co., St. Louis, Mo., and is regularly sold by all druggists at \$1 per bottle. But to enable you to make a test and prove what it will do for you, get a 25-cent trial bottle fully guaranteed or your money back at A. M. Leine's drug store.

AUDITOR'S NOTICE.—Estate of Marla A. Hulftorn.

Late of Preston, deceased. The undersigned an auditor appointed to report distribution of said estate, will attend to the duties of his appointment, on Tuesday, May 20, 1913, 2 P. M., at his office in the borough of Honesdale, at which time and place all claims against said estate must be presented, or recourse to the fund for distribution will be lost. F. P. KIMBLE, Auditor. Honesdale, April 12, 1913. 31w3.

NIAGARA FALLS. THE TOWER HOTEL is located directly opposite the Falls. Rates are reasonable. 1861ly

Suffering Men & Women, Health is Wealth, the GERMAN TREATMENT is the only Cure. A Scientific Combination of the Allopathic, Homeopathic, Esoteric & Hygienic Systems of Medicine. ALONE Cures all Others: Fall, Nervousness, Heart, Stomach, Liver, Blood, Skin, Bladder & all Chronic & Lingering Affections. Debility, Weakness, Catarrh, Throat, Nose, Open Cancer. Builds Up the Broken Down, Restores Vigor, Vitality, Successful Hair Treatment. OLD DR. THIEL, Inc., 1719 SPRING GARDEN ST., Phila., Pa., 47 Years Practice. See our Book, a Revelation to the Sick. Exposes Advertising Quacks & Medicine Sharks.

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Only \$14.40 For this beautiful Princess Dresser in Golden Quartered Oak. The base is 40 inches long and 21 inches wide. Two well front top drawers and one large and deep drawer. Oval shaped bevel plate mirror 28 by 22. Well constructed and finely finished. Retail in stores for \$18 to \$20. Carefully packed and shipped freight charges prepaid for \$14.40. Send for our latest catalogue or "Satisfaction Furniture at Factory Figures." Free on request.

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"New Way" Air-Cooled Gasoline ENGINES

No Water to freeze. No pipes to burst. No weather too cold. No weather too hot.

Less Gasoline. More Power. Have you seen our Reo delivery truck? It's a dandy. Better look it over.

REO OVERLAND and FORD AUTOMOBILES. No better cars made for anywhere near the price. Place your order right now. Better times coming; help it along. For sale at bargain prices: Auto Car Runabout, Liberty Brush Runabout and Maxwell Runabout. Get in the swim and own a car.

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Saturday, August 2, 1913

Arrange Your Vacation Accordingly.

Advertise in THE CITIZEN

ON THESE LINES WE HAVE SUCCEEDED

Advertisement for Honesdale National Bank. Features include: Security of Funds, Soundness of Principle, Safety of Investment, Economy of Management, and 3% Interest on all Saving Accounts. The bank is located in Honesdale, Pa.

We Should Like to Have Your Banking Business.

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