

Star Gazing Has Lost Popularity and Astronomer Has No Students

Mars to "Flirt" With Earth in August on 15-Year Cycle Trip, Says Scientist.

Not a student at Creighton university is studying astronomy this year, one of the most interesting years for celestial study, according to Father William F. Rigge, astronomer. The whole scientific world will watch with keen interest the planet Mars during August.



Rev. William F. Rigge.

In the language of astronomers, there will be a "favorable opposition" of Mars. That is, the planet Mars comes nearer the earth this year than any other planet.

From the earth is lessened, Mars has puzzled the best intellects for thousands of years. The study this year may be an opportunity for fame.

Best View Since 1909.

The last time Mars was so near the earth was in September, 1909. It is on account of the close approach of the sister planet and the apparent increase in its size that the whole astronomical world will be interested.

Here's what Father Rigge has to say about the planet: "Mars is known to be a globe like the earth and about as much flattened at the poles. As Mars turns, illuminated by the sun, we are in a most favorable position to observe its surface markings."

Danger of proper landing place on the planet and the short distance

"Mars receives from the sun less

than half as much light and heat per square mile as the earth. "It is supposed the planet has an annual temperature of 30 below zero, when would practically do away with life upon its surface. "I do not believe Mars is inhabited. There may be lichen and moss there but no animal life.

Communication Doubtful "To try to send wireless messages to Mars is the dream of ignorant enthusiasts. Ignorant because Mars when nearest is more than 10,000 times the greatest distance to which wireless telegraphy has ever reached, and the power required would be 100,000,000 times as great.

Six Stations Broadcast Same Program at Once New York, March 8.—What was described as an unusual achievement in relaying radio broadcasting was carried out Friday night when six stations, spanning 7,000 miles, broadcast simultaneously speeches and a musical program at the dinner of the Massachusetts Institute of Technology.

San Francisco Schools to Be Equipped With Radio San Francisco schools are to be equipped with radio receiving sets, it has been announced by the board of education. One of the receivers has already been set up in the new Galileo High school.

WOAW Radio Programs

Following are the radio programs for the week to be broadcast from Station WOAW:

- Monday, March 10
6:30 p. m. dinner program presented by Randall's local operators.
8:30 p. m. program arranged by Lee G. Kratz, prominent vocal instructor.
9:30 p. m. program arranged by Stanley Jan Letovsky, prominent pianist and instructor.

- Tuesday, March 11
6:30 p. m. dinner program presented by Stanley Jan Letovsky.
8:30 p. m. program arranged by Stanley Jan Letovsky.
9:30 p. m. program arranged by Stanley Jan Letovsky.

- Wednesday, March 12
6:30 p. m. dinner program presented by Stanley Jan Letovsky.
8:30 p. m. program arranged by Stanley Jan Letovsky.
9:30 p. m. program arranged by Stanley Jan Letovsky.

- Thursday, March 13
6:30 p. m. dinner program presented by Stanley Jan Letovsky.
8:30 p. m. program arranged by Stanley Jan Letovsky.
9:30 p. m. program arranged by Stanley Jan Letovsky.

- Friday, March 14
6:30 p. m. dinner program presented by Stanley Jan Letovsky.
8:30 p. m. program arranged by Stanley Jan Letovsky.
9:30 p. m. program arranged by Stanley Jan Letovsky.

- Saturday, March 15
6:30 p. m. dinner program presented by Stanley Jan Letovsky.
8:30 p. m. program arranged by Stanley Jan Letovsky.
9:30 p. m. program arranged by Stanley Jan Letovsky.

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How to Be Happy, Theme of New Book

"The Conquest of Happiness," written by that distinguished French savant, Jules Payot, Litt. D., Ph.D., and translated into plain, easily-understood English by Richard Duffy, has just been issued by Funk & Wagnalls.

One significant thing about this book is that it sets forth with scientific exactness an itemized formula that one can put into operation for the conquest of happiness; it imposes only nine conditions that are to be met—and that most of us can meet—in order to attain that happiness.

Des Moines Leads Omaha in Library Work, Report Although the population of Des Moines, Ia., is considerably smaller than that of Omaha, it spends more money on its public library, according to report of Edith Tobitt, Omaha librarian.

WOC Tower Is Raised to 210 Feet at Davenport Davenport, Ia., March 15.—If you notice that WOC comes in stronger and clearer than usual some evenings, you will be safe in assuming the new towers as a support for the transmitting antenna are in use.

Voice From Storage Battery at Cleveland This photo serves to introduce to you none other than Arthur Roy Herske, "the voice from the storage battery," chief announcer of WTAM, Cleveland, O.

YOU DON'T NEED MILES AWAY. I can show you how to get them. STEINITE gives you better results than you ever thought possible on your crystal set.

for Economical Transportation CHEVROLET FLAT RATE SERVICE A New Plan Appealing to Thrifty Chevrolet Owners

Flat Rate Service—the kind of service you have been waiting for, is now at your call. We have adopted this new method of handling charges for repair work because it enables every Chevrolet owner to get an intelligent estimate of the cost of repairs before the work is started.

\$125,000 has been requested for next year. The \$105,475 appropriation represents a 78-cent per capita cost. Omaha public library this year will spend \$9,500 for books, while Des Moines will spend \$20,000, and \$1,600 for periodicals while Des Moines will spend \$1,000.

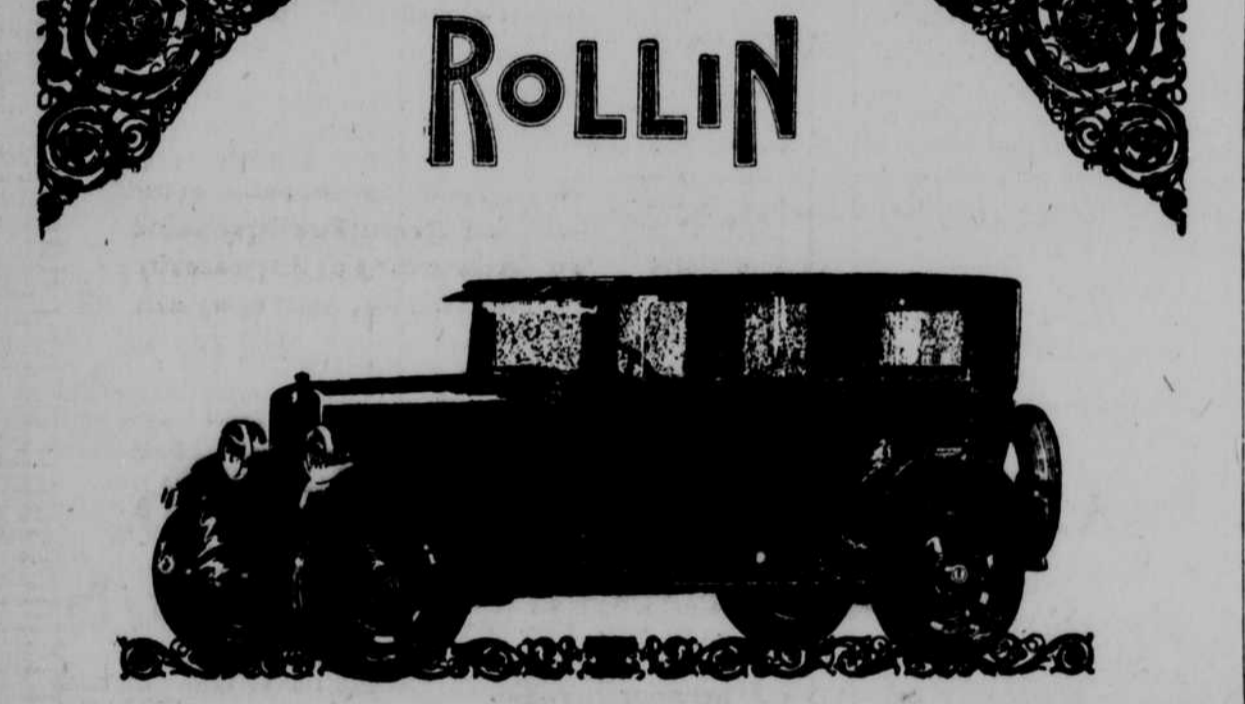
About a Boy Farmer. THE YOUNG FARMER AT WORK by W. A. Fretwell. Published by the Penn Publishing Company, Philadelphia.

Sea Story for Boys. FOUR BELLS by Ralph D. Payne. Houghton-Mifflin company, publishers. Here is a tale of adventure at sea. For anyone who loves the sea it will be a happy find.

Popularized Science. "The Einstein Theory of Relativity," by Garret P. Serviss, published by Edwin Miles Fadman, Inc., New York, is a short and understandable treatment of a difficult subject, and told in an interesting manner.

A Literary Curio. "Our Dead Selves," by Paul Elbridge, Bouillon-Biggs, New York, publishers, is an "anthology of the lowly," containing the reveries of dead animals in verse form. Worthy of more than a passing glance.

HAYDEN'S For Monday and Tuesday Hundreds to Choose From A Striking Array of New Spring Millinery Straw Hats Silk Hats Felt Hats In Every New Style \$5 Sport Hats Suit Hats Tailored Hats in Every Wanted Color A Two-Day Millinery Event and They Are Some Hats An opportune time to purchase one of these remarkable values, made possible by our cash buying power. MILLINERY—SECOND FLOOR



A Scientific Contribution to the Automobile Industry

As the Paris Salon, the Annual London Motor Car Classic, and the New York Automobile Show fade into the distance, it is interesting to summarize the noteworthy engineering refinements revealed at these three international events.

First, and probably foremost, was the almost universal acceptance of the light weight, small displacement, high compression motor.

Rollin also has that identical type of power plant. Rollin bodies have a similar tendency. Designed by a French artist they follow the policy and pattern as exemplified at the brilliant European capitals.

Rollin also has the modern and safety providing system of 4-wheel brakes. Probably the latest and great-

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