

## —Dietz on Science— MARS PEOPLED? SAVANTS HOLD OPPOSED VIEWS

Chance of Life on Planet  
Called Both Good and  
'Pretty Slim.'

BY DAVID DIETZ  
Science-Howard Science Editor

Astronomers turn their telescopes upon the earth's sisters and brothers, the other members of the sun's family of planets, and speculate upon the possibilities of life upon them. Mars, the "red planet," is most frequently under discussion.

The astronomers of the Lowell Observatory at Flagstaff, Ariz., after many years' study of the ruddy planet, think that the chances for life upon the planet are pretty good. On the other hand, the Mr. Wilson savants, using the giant 100-inch telescope and a new powerful spectroscope, think the chances for life upon the planet are pretty slim.

While the star-gazers marshal their charts and photographs, it is interesting to imagine what the inhabitants of another planet—if there are any—would think about the chances of life upon the "blue planet." For that, in all probability, is the name they would give our earth.

**Man's Work Invisible**

Dr. V. M. Slipher, director of the Lowell Observatory, has made a study of "earth shine," the reflected light from the earth which illuminates faintly the darker portion of the moon at the time when it is possible to see "the old moon in the new moon's arms." From it, he concludes that our earth shines with a blue color.

First of all it must be remembered that none of man's cities or other activities would be visible from the planet Mars. The existence of life upon this planet would have to be deduced from general conditions.

The late Camille Flammarion, great French astronomer, thought that the savants of another planet would form an unfavorable notion of our earth. He pictured their thinking as going something like this:

"Life upon that planet is scarcely possible. The lobe is surrounded by a gaseous element in constant turmoil, with swirling cloud masses, and frequently tremendous stormy disturbances. Any living creature would be one moment overwhelmed by the terrific density of the gaseous atmosphere and the next moment left gasping by its unbearable thinness."

**Basis for Theory**

Flammarion was right in assuming that astronomers on another planet would notice the drifting, billowy cloudy layers of our atmosphere. Perhaps, if their own atmosphere was thinner, they would be misled in their interpretation of ours.

Our atmosphere is not so unkind as Flammarion imagined a Martian astronomer concluding it was. But it is a turbulent medium, beset with violent storms and temperature changes.

A hot summer day, when temperature and humidity are both very high, symbolizes how uncomfortable it can be. And that brings us to a popular topic of conversation these days, the subject of air conditioning.

Elliot Harrington, air conditioning engineer of the General Electric Company, summarizes the ideal of this new profession as "a degree of comfort and health as yet unknown; the delightful and invigorating effect of Mother Nature's perfect air conditions on a spring morning in the open country."

However, engineers of the Erie railroad, the B. & O. and the Santa Fe all object to calling air conditioning something new. They say they started experimenting with it as early as 1857. While that may be true, it is only within the last two years that a completely air-conditioned train was put into operation.

**Cooling Not Enough**

Likewise, it is only recently that the lesson has been learned that air conditioning means much more than mere air cooling and that the business of cooling the air can be carried to too great an extreme.

Theater owners, for example, have learned that too great a difference between the temperature in their auditoriums and the outdoors is uncomfortable for the patron.

Air conditioning is needed in winter as well as summer, for too often a house is merely heated in winter without any regard to the lack of proper humidity.

Professor C. P. Yaglou of the Harvard School of Public Health says: "The assertion is often made that the common cold and other more serious respiratory diseases begin with the heating season and there are good reasons to suspect that the effect may be due, at least in part, to the source and nature of radiation employed in modern heating systems."

Andre Merle, air conditioning consultant, adds:

"People subjected to dry, low-humidity air, like that of most heated interiors in the winter, are robbed of their vigor, experiencing a feeling of lassitude."

## MYSTERY TROOP CALL PUZZLES NEW ORLEANS

Guardsmen Mobilized, Then Sent Home as Huey Long Visits City.

NEW ORLEANS, July 31.—Two companies of Louisiana national guard, suddenly ordered out and held under arms at Jackson barracks here Sunday, were dismissed today, as mysteriously and suddenly as they were called.

No reason was given for the order sending the soldiers to their homes.

Military authorities refused to comment on the sudden action of Louisiana officials, other than to say that they received orders to dismiss the troops.

The companies of guardsmen were ordered mobilized Sunday after United States Senator Huey P. Long arrived here from Washington and conferred with Governor O. K. Allen, Attorney-General Gaston L. Porterle, and other political leaders.

## Helps Grandpa; Reward of Child Is Death for Both

Small Daughter of City  
Family Killed on  
Buggy Ride.

(Continued From Page One)

son, 4103 West Washington street, in attempting to pass, crashed into it.

William Miller, 510 South Luetz avenue, riding with Thompson, was cut by flying glass. Thompson was held in the Danville jail, pending investigation. He said the horse turned into his path as he attempted to pass the buggy.

Betty Lou was born in Indianapolis, and had completed one year at School 32. She is survived by her parents, two half sisters, Mrs. Bernice Call and Miss Pearl Scott; two half brothers, Francis and Carl Scott; two sisters, Dolores and Ruby, and a baby brother, Richard. Mr. Scott was 62. He had lived near Crawfordsville all his life. Surviving are his widow, Mrs. Susan Scott, three sons, Corbett, Archie and Fred Scott, and four daughters, Mrs. Anna McCune, Mrs. Grace Souder, Mrs. Florence Smith, and Miss Elizabeth Scott, all of Indianapolis.

## SENATOR ROBINSON IS LEGION RALLY SPEAKER

Assails Reduction of Compensation  
at Greensburg Meeting.

By United Press

GREENSBURG, Ind., July 31.—Reduction of war veterans' compensation was criticized by Senator Arthur R. Robinson at a joint meeting of Ninth and Tenth district American Legion posts here Sunday.

Robinson said wars are national emergencies and the nation's first duty is to its defenders. Finly H. Gray, Connerville, Tenth district representative in congress, and Harry C. Canfield, Batesville, former congressman. More than 3,000 persons attended the convention.

## SHIP SALVAGE PLANNED

Sunken Vessel in North Sea Reported  
to Hold \$6,000,000 in Gold.

By United Press

PARIS, July 31.—Forthcoming efforts by a Dutch syndicate to raise the British flagship La Lutine, entombed 134 years in North sea shallows off the island of Ter Schelling, have revived French interests in its treasure, reputedly \$6,000,000 in gold ingots.

In 1867, the French made a futile and costly attempt to raise the sand-buried ship, and in that abortive venture \$2,000,000 in small savings of thousands of Frenchmen were lost. Subsequently British and Germans struggled valiantly over the ship's tomb, lured by the gold sealed in her bulkheads.

It was in October, 1799, when the flagship was carrying \$1,200,000 from the Bank of England to failing Hamburg banks that La Lutine went down in a memorable storm. Only one of the crew was washed ashore alive.

## FINDS OMBERGRIS LUMP

Oregonian Stumbles on to \$20,000  
Prize Lying on Beach.

By United Press

PORTLAND, Ore., July 31.—If an Oregon professor's word can be relied upon, J. W. Parker of Manzanita is about \$20,000 ahead.

Recently he stumbled upon a ten-pound amber colored lump on the beach near here, declared to be amberggris—a precious material used as a base for costly perfumes and valued tentatively at \$2,000 a pound. A university of Oregon chemist, after ten tests, pronounced it genuine.

It is said to be the largest single piece found on the Oregon coast in recent years.

## DOG MOTHERS CHICKS

Airedale Jerry Takes Delight in  
Coddling Brood of 19.

WELLMINGTON, Tex., July 31.—Jerry, 16-month-old airedale dog belonging to Frank Gallagher, has become a mother, despite his name and sex. Jerry met and became infatuated with a brood of nineteen incubator chicks.

Since he has mothered the feathered youngsters. His greatest delight is to sprawl at length while the chicks crawl over his body. He has a way, affectionate if clumsy, of raking them in with an awkward paw while he cuddles them with his nose.

## BOY, 5, HIT BY TRUCK

Child Possibly Critically Injured in  
Street Accident.

Frank Maize, 5, son of Mrs. James Maize, 419 North Wallace street, was injured, possibly seriously, today when he was struck by a truck in the 4800 block, East Michigan street. The child became confused in traffic and was run down by a truck driven by Gustav Jordan, 18, of 448 North Dequincy street. The child suffered head injuries and may be hurt internally, a doctor who treated him at the scene said.



Betty Lou Scott (left) and her sister Dolores.

## Mr. Fixit

Write your troubles to Mr. Fixit. He is the Times representative at the city hall and will be glad to present your case to the proper city officials. Write him in care of The Times signing your full name and address. Name will not be published.

Mr. Fixit—I am one of the many who have victims who own property in the city. I think it high time the health board took action to compel owners of vacant houses to cut weeds. If they can not be forced to do it, the city should take steps and give unemployed men the work.

City health board caused many property owners to cut weeds on property upon which there is a building. Vacant lots are turned to the street commissioner's office and "basket men" employed to clear them.

Mr. Fixit—I am writing for your help in obtaining oiling and grade work on Deloss street. We can not open the doors or windows for the dust.

This street is to be oiled and graded this week, according to the street commissioner.

Mr. Fixit—Large trucks now are using Dearborn street, between Massachusetts and Brookside avenues, then on to Nineteenth street. It is getting so bad that it is a nuisance all day and night and the street is being ruined. Please see if you can stop this and keep the trucks on Massachusetts avenue where they belong.

Police Chief Mike Morrissey has had men investigating this situation. Motorcycle men have been instructed to patrol this vicinity.

Mr. Fixit—Will you please see that Burgess is oiled from Emerson avenue, east. The dust is so bad that we can not sit on our porches.

This complaint has been filed with Fred Eichenhut, in charge of the oil crew, and will be taken care of in the near future.

Mr. Fixit—Can you get city officials to use the "slicing machine" on Capitol avenue, between St. Clair and Fourteenth streets.

Wilbur Winslip, street commissioner, will order Capitol avenue "sliced" between these streets, following the work now being done on North Meridian street, from Sixteenth to Twenty-second streets.

Mr. Fixit—I have been a home owner on Sharon avenue and Eighteenth street for five years and we can not get our streets oiled or weeds cut. Will you please help us?

Sharon avenue will be oiled and graded in the near future. Eighteenth street, from Kessler to Roland, also will be oiled. Board of health inspectors have been assigned to investigate the complaint regarding weeds.

Mr. Fixit—Traub avenue, north of Michigan street, is in bad shape, the sidewalks and curbs being broken. There are chuck holes six inches deep in the street.

Street commissioner has ordered an inspection of this street and the police sidewalk inspector will order repairs.

Mr. Fixit—A few weeks ago a large barn burned to the ground and two automobiles were destroyed besides the loss of other property, due to the lack of water supply.

We are home owners in this vicinity and are paying as much taxes as others who have everything. We are within the city limits. We don't have city gas, lights, city water and there isn't an improved street in the neighborhood. We can't even get our street oiled.

This letter refers to the Cameron avenue section of the city, 1100 south. The fault is due chiefly to lack of organization among property owners in the section. Civic club might be organized to ascertain just what majority of the residents want and most important—if they are willing to pay their portion of the cost of improvements. With that determined, a petition could be presented to the board of works.

Mr. Fixit—Would you please see if you can get some cinders for Olney street, north of Thirtieth street. The approach to the street needs grading.

This complaint has been turned over to the street commissioner who could not promise definitely when repairs could be made.

Storms recently have caused considerable damage to almost every street and sewer in the city. All crews of the street commissioner are taxed to the limit making emergency repairs.

The 13-year locust, or cicada, is providing excellent food for birds and fish in Missouri, many fish being quite fat as a result of the locust diet.

## C. P. A. GROUPS APPOINTED BY STATE LEADER

Directing Bodies Are Named  
by Madden to Serve  
for Year.

William M. Madden, president of the Indiana Association of Certified Public Accountants, has announced the committee appointments for the ensuing year.

Legislative—Birney D. Spradling, Indianapolis, chairman; Earl E. Thomas, Evansville; Howard L. Chambers, South Bend; Frank Carlson, Hammond; Thomas A. De Hority, Elwood; John E. Keough, Indianapolis; and Robert N. Dedeker, Indianapolis.

City Chapters—Troy G. Thurston, Indianapolis, chairman; Frederick S. Willett, South Bend; Joseph A. Cammack, Evansville; Benjamin W. Hartman, Ft. Wayne; and George R. Hill, Michigan City.

Banking—Earl E. Thomas, Evansville, chairman; James A. Wharton, South Bend; Charlton N. Carter, and Howard W. Painter, both of Indianapolis.

Publicity—H. A. Roney, chairman; Harlan B. Livingston, James C. Olive, Carter, all of Indianapolis. Each city chapter is to appoint local publicity committees. Association and Certified Public Accounting—Laws—Wharton, chairman.

Roney, Ira T. McGilone, Terre Haute, and Harry Boggs, Indianapolis. C. Knox, chairman; Walter C. Galbraith, Otha C. Herdrich and Stephen S. Yeoman, all of Indianapolis.

Public Affairs—George S. Olive, Indianapolis, chairman; H. W. Fick, South Bend; J. F. Madden, Indianapolis; Cecil J. Kistler, Elkhart; and directors.

Membership—Roney, chairman; Daniel M. Fairchild, Evansville; W. E. Lowe, Gosport; Bert-min W. Hartman, Ft. Wayne; B. H. Drew, Gary; Edward W. Kelly, Logansport; Leo P. Kennedy, Peru; and John H. Pritchard, Bloomington.

National Interstate Committee—William M. Madden, chairman; Gilbert B. Geiger, Peoria, Ill.; Alexander X. Kuhn and Harry F. Wolf, Chicago; Paul W. Pinkerton, Pittsburgh; Torbert Vickroy, St. Louis; William A. Suction, Jersey City; Joseph McArdele, New York; Cecil L. Hall, Cincinnati; and Walter G. Russell, Amarillo, Tex.

Officers and directors of the Indiana Association of Certified Public Accountants are: William M. Madden, president and director; Birney D. Spradling, Indianapolis, vice-president and director; Horatio A. Roney, Indianapolis, secretary and director; Arthur R. Chapman, Indianapolis, treasurer and director; and Howard W. Painter, Indianapolis, auditor. Earl E. Thomas, Evansville; Troy G. Thurston, Indianapolis; and James A. Wharton, South Bend, directors.

## GIRL INJURED IN FALL

Ilene Smith, 15, Hurt in Fall Sunday From Fire Escape.

Ilene Smith, 15, of 431 North Illinois street, Apt. 23, was injured seriously Sunday afternoon when she fell twenty-five feet from a fire escape on the building to the sidewalk below. She was seated on the fire escape reading a book when the accident occurred. Police sent her to city hospital.

## INDIANS' WORK WILL BE SAFE IN STATE PARK

Ohio Acts to Preserve Un-  
usual Earth Relics at  
Newark.

By Science Service

COLUMBUS, O., July 31.—Permanent safety for the famed mysterious earthworks at Newark, O., has been assured by action converting the land into a state park.

The plan of the earthworks, which in prehistoric times covered twelve miles, is an amazing design of circles, squares, octagons, and long avenues. How or why prehistoric Indians carried out so complex and extensive a project has puzzled visitors to the site from the time when the earliest white men reached the middle west.

It is now believed that elaborate Indian ceremonies must have taken

place at the carefully planned setting.

The modern town of Newark has obscured part of the pattern, but two large portions escaped, and these form the new state park. One portion lies in a fairground. The other escaped being leveled when historically-minded golfers took it for a golf course, using the Indian ridges, ditches, and mounds just as they are to make a picturesque course.

Telling of long efforts to save Newark's important Indian ruins from being entirely leveled and lost, Dr. H. C. Shetrone, director of the Ohio State Museum, here, said that steps are now being taken toward having the earthworks established as a national monument by the federal government.

"The Newark earthworks," said Dr. Shetrone, "are the largest and best preserved of their class in existence."

There are three principal types of Indian earthworks, representing three types of mound building culture. The geometric inclosures to which the Newark earthworks belong are characteristic of the Hopewell culture which was the highest culture developed by any Indian people north of Mexico.

The Newark earthworks were ceremonial in purpose.

## U. S. PROVIDES \$5,000,000 TO FIGHT EROSION

Campaign Will Be Made to  
Lessen \$200,000,000  
Annual Loss.

By Science Service

WASHINGTON, July 31.—Soil erosion that removes 126,000,000 pounds of plant food annually from fields and pastures of the United States, at a financial loss estimated at \$200,000,000, will be fought with a public works fund grant of \$5,000,000.

The soil conservation plan will be under the supervision of the bureau of agricultural engineering of the department of agriculture and the special board of public works in making the grant directed that the program be completed before Nov. 1, 1934.

Terracing is the means to be used in controlling the erosion. The government will supply the technical direction and terracing equipment.

# Action!

Sears, Roebuck and Company are happy to announce their complete co-operation with President Roosevelt and the Administration behind the National Recovery Act, and further wishes to announce that

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The President has designated August 1st as the opening day the code is to be adopted. Speaking for ourselves, the code is now in full force and effect.



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