

EARTH SLOWING UP SAVANT SAYS

Vienna Scientist Believes it Will Come to a Stop Some Day.

NEW ORLEANS (NRA Special).—Although it has been spinning around energetically and methodically for a great many thousands of centuries, this earth of ours is eventually going to stop spinning, altogether and stay eternally at rest, one side forever toward the sun and the other side forever in darkness.

When this happens, the sunny side, where there will never be any night, will be one great tropic; and the dark side will be an ice-bound waste, desolate and barren as the antarctic continent of today.

These cheerful forecasts came from Prof. Franz X. Schaffer of Vienna, director of the Vienna National Museum of Natural History and one of the world's leading geologists, now stopping in New Orleans to visit friends after giving a course of lectures at the summer school of the University of California.

Tides Are the Brakes

Dr. Schaffer's conclusion is the result of years of study, in which he has traveled thousands of miles sailed in every ocean and touched at hundreds of remote islands.

"The tides, he says, are acting as brakes on the earth's rotary motion. Ultimately they will bring it to a complete stop. Then the earth will revolve around the sun, and one hemisphere will have everlasting trouble and the other will have everlasting night."

All of this, however, need not worry anyone. It won't happen for several million years yet. The time is coming—some day.

In addition, Dr. Schaffer says that the earth ultimately will become a perfect sphere. Right now it isn't even if it is so called. It is flattened at the ends and it has a bulge at its equator. But that bulge, even now, is redistributing itself—working its way north toward the poles.

To prove this statement, Dr. Schaffer points to the record of the earthquakes. He has investigated them—all of them—and he points out that all the great earthquakes have taken place in the equatorial belt, between the forty-fifth parallels of latitude, north and south.

As a geologist, Dr. Schaffer has studied all of the world's principal mountain ranges, and his studies have taught him something. He says, for example, that the mountain ranges which run north and south were formed by direct upthrusts from below, ranges which run east and west, on the other hand, came into existence from lateral pressure—by strata of earth and rock pushed from the side and sliding on top of one another. This, in turn, he says, is due to the fact that the bulge at the equator is slowly working its way north and south.

Incidentally, Dr. Schaffer has no use for the old theory that the center of the earth consists of a flaming body of molten rock and earth. "The earth's interior, he says, is solid—made of iron, nickel, and heavier than the rocks and soil on the surface. This solid material, he says, is enclosed in a 'skin' of lighter rock and soil some 60 or 70 miles in depth. The interior fires made evident in volcanic eruptions he calls purely local pockets of fire, caused by the melting of masses of the earth's material, in which sudden increase of pressure generates enormous heat."

Dr. Schaffer is incorporating the results of his years of study in a new text-book on geology, which will appear in several volumes.

Meanwhile, he has a very joke to tell on himself.

Some 20 years ago he came to America from Vienna to deliver a course of lectures at the University of California. While he was there, he was invited down to Los Angeles to see some fossil bones of prehistoric animals that had been found in asphalt beds in open fields outside the city. Dr. Schaffer went and studied the find. Then he examined the surrounding land.

"Do you know," he asked his brother scientists, "that we are standing over a tremendous oil field? These oil pools are the result of oxidation on seapages of underground oil."

Then they thought it. The scientists agreed that he was probably right. But since they, and he, were men of science and not business men, they went back to their studies and paid no further attention to the phenomenon.

"And," says Dr. Schaffer, "I could have bought all of that land I wanted for less than \$10 an acre."

The land is now within the city limits of Los Angeles. It is dotted with oil derricks as far as the eye can reach, and it has furnished hundreds of millions of dollars worth of oil.

"Anyway," says Dr. Schaffer, with a rueful smile, "I had a chance to make Rockefeller and Henry Ford look like poor relations, even if I didn't take it."

The Town Loafer

"At last they've got Lemmy Lem Larson working," said St. John, the neighborhood wag. "He's carrying a load over at Parley Junction, where they're building the new school. Lemmy Lem, he don't normally do much work, and that's why he looks puzzled when I put him a load of work on his back."

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Publisher Made Enemies

Boston's first newspaper, Public Occurrences, first published in 1689, was suppressed when the editor, Richard Pierce, undertook to publish the names of all who voted in the election.

Full Meal

The giant butterfly found in Africa average ten pounds in weight.

The Stylists Prepare for Football Weather



Upper left: A new off-the-face hat in black. Very modish with fur, such as will be worn to the football stadium. Lower left: These are the effects are to be popular in autumn millinery. Center: A fabric known as silk tweed is used in the two-piece frock of eggshell white and brown. Right: Billie Dove, film star, shows a simple coat of gray and blue tweed.

Man-Made Levy on French Undies Stirs Request For Kick To U. S.

By J. EDWARD ANGLY (Associated Press Staff Writer)

PARIS (AP).—The government of France has asked in all earnestness to open conversations with the government of the United States on the subject of women's underwear.

It seems that American women buy 60 per cent of the entire underwear production of France, which includes such things as nightgowns, combinations, slips, pajamas, negligees, panties and brassieres.

France produced \$10,000,000 worth of these articles last year, of which \$5,000,000 worth went to help comfort the American girl and her mother and her aunt and even her grandmother.

The American woman got the lion's share of the finer French underwear despite the fact that all garments trimmed with lace pay 75 per cent duty on entering the United States, and all those having embroidery are taxed at 60 per cent.

By comparison, England taxes such underwear 22 1/2 per cent. Germany lets them in with an 8 per cent duty, Belgium 14 per cent and Italy 20.

French producers fear that if Congress should raise the tariff any higher, the luxury-loving daughters of America might not be able to keep on wearing French underwear, which would mean money out of dad's pockets.

The French do not care a twirl of the hairbrush how much higher the dresses and undergarments are worn, for that economizes material, but they most emphatically do not want the tariff to go any higher.

The big chemist and night men of Paris and Lyons got together the other day and sent a delegation to see Aristide Briand, who is prime minister and minister of foreign affairs, to ask him to take up the question with Washington.

M. Briand, who is a bachelor, received the delegation and listened to what they had to say about women's underwear and America's tariff.

springing up on the Mohave desert. It is the town of Tona, three hours ride from the nearest habitation, 1,000 population and having "open air theater, fine residences, the latest shade in silk hosiery."

The quotation is from Prof. G. Ross Robertson, of the University of California, in a report to the American Chemical society, on the case of the American potash industry which built Tona on the site of its modern laboratories. He says the potash industry has emerged winner from a ten year battle between science and nature.

COVE PERSONALS PERSONALS

By Mrs. Neil Kight (Observer Correspondent)

LOWER COVE, Ore. (Special).—Mr. and Mrs. T. B. Johnson left Friday for a two weeks visit with their son, L. V. Johnson, and family, of Townsend, Mont.

Clark Martin, of Nampa, Idaho, en route to Tillamook, stopped for a short visit last week with his grandmother, J. M. Gamet.

Will Crankbank and family are moving to the Hoffman farm south of Union. Ray Evers will move to the Crankbanks.

Jay Brothers have been working in Rhein for the past week.

Neil Kight received two crates of wild blackberries from his father, Nelson Kight, of Raymond.

Wash. last week. These are the Evergreens which grow wild in great abundance on the Willapa harbor.

The Rev. and Mrs. T. P. Graham and children left Sunday morning for their new home in Idaho.

Mrs. Lillian Allen began teaching at Froese school on the 15th with 12 pupils.

Merton Thum is attending high school at Cove this year.

Old Campaigning

During a recent election campaign at Acton, England, the three rival candidates joined together and held a religious service at one of the churches, one presiding, another reading the lesson and a third standing on the text, "Silver and gold have I none, but such as I have I give unto thee."

Conscience Safe Guide

Conscience in the soul is the root of all true courage. If a man would be brave, let him learn to follow his conscience.—James F. Clarke.

Singing Helps Hearing

Aviators and automobilists often find that their ears are disagreeably affected by the noise from the engine after prolonged experience. A physician who has given the matter some attention has recommended singing as a means of relief for such persons. The exercise is beneficial to the lungs, helps posture, procures the circulation and relieves any congestion which may form about the auditory organs.

GIJ English Dye

The earliest dye plant known in England was the woad plant, which produced a blue color. With the addition of certain chemicals it was turned a vivid green known as "lindene" green in the ancient times.

So It Is

Merry loves company is the old saying, but it is terribly hard on the company.—Rushville, Reginald.

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