

SCIENTISTS SEE FLAW IN RELATIVITY

Einstein Theory Ignores Possibility That Ether Exists—Errors in Old Tests Shown by Dr. Dayton Miller's Records.

By Howard W. Blakeslee (Associated Press Science Editor)

NEW YORK—(AP)—Albert Einstein's visit to the United States brings him into a scientific camp which sees possible flaws in relativity.

One is a troublesome question in a scientific existence as to whether the hypothetical, all-pervading atmosphere of space in which light waves once were supposed to travel.

Many relativity theorists assert that relativity ignores the possibility that ether exists, although it is a curious fact that the father of relativity himself always had admitted the possibility of an ether of some sort.

Other went into the laboratory after the famous Michelson-Morley ether-drift experiments in America failed to prove existence of the ether. Many authoritative scientific books now assert that this experiment found no existence of ether.

Books in Error. But recently Dr. Dayton C. Miller, of the Case School of Applied Science of Cleveland, has been exhibiting a record which proves the books are in error. This record is the original copy of the Michelson-Morley report.

Far from stating that they found no evidence of ether, it says that they did observe an "effect" such as they were searching for, but that it was too small to be conclusive.

This effect might have been due to errors of instruments, to ether or to something else still unknown.

"Effect" Persists. But now Dr. Miller has made literally thousands of further experiments with improved ether drift instruments, and he finds the same small "effect" persisting. It is not ether, he says.

The "effect" of detecting ether would not be to scrap relativity, but to alter it somewhat.

A flaw is found also in the world-famous observations of bending of light rays near the sun, which first gave relativity its popular vogue.

Both Newton and Einstein predicted that the sun would bend light, Newton on account of gravitation and Einstein on account of relativity's fascinating "curvature of space."

"Proofs" Criticized. Einstein predicted about twice as great bending and astronomers in 1919 upheld Einstein. But now Prof. Charles L. Poor of Columbia university says that this "proof" was based only upon those parts of the observations which would support relativity and that it discarded unfavorable factors.

Dr. Poor also says that a second "proof" of relativity, an explanation of certain puzzling motions of the planet Mercury, is a mistake.

When American scientists are asked to name Einstein's greatest achievement, they often reply: "He set men thinking."

This they hold is an imperishable accomplishment, regardless of what happens to relativity.

LITTLE STORIES OF Little Stars

Rochelle Hudson has gone to Hollywood from Will Rogers' home town, Claremore, Okla., to get an early start in this acting business. Oklahoma laws do not permit minors on the stage, so Rochelle went west for a fling at the movies. An executive hired her after one film test.

Miss Hudson, who is only 17 now, has been appearing at clubs, schools and barns since she was a tiny tot of four. She sings, dances, paints and speaks French.

France's new social insurance law provides for payments in case of sickness, incapacity, old age and death, and for financial assistance in burdens entailed by reason of family charges, maternity and involuntary unemployment.

THESE BOYS KNOW THEIR LIVESTOCK



The upper group is from the Oklahoma A. and M. college, Stillwater, Okla., winners of the inter-collegiate stock judging contest at the International Livestock exposition, Chicago. Ussel Cavet, Jet, Okla. (right), was high individual. Below, the Larned, Kan., boys stock judging team, winner of non-collegiate title at show. Their coaches are two on right.

PORTLAND ROBBER RECEIVES PARDON

SALEM, Ore., Dec. 23.—(AP)—Governor Norblad today issued a conditional pardon to Walter M. Lynch, who was sentenced to serve 20 years in the state penitentiary for robbing the C. E. Berg store and the Troy laundry in Portland.

Norblad today denied a rumour that he is going to issue a large number of Christmas pardons. "I am not going to issue any more than I would at any other time," said the governor.

BOARD WILL WORK FOR CATTLE DISEASE CURB

SALEM, Ore., Dec. 23.—(AP)—Legislation for better control of the infectious abortion disease of cattle will be recommended to the coming legislature by the state livestock sanitary board, it was decided at a meeting of the board here Monday.

Among proposed requirements will be the official ear-tagging of all animals that have had the test. A law will be asked that will prohibit dairy cattle being sold at public or private sales unless they have passed a satisfactory abortion test.

MRS. PANTAGES GETS CHRISTMAS PRESENT

LOS ANGELES, Dec. 23.—(AP)—Mrs. Lola Pantages, with 149 other persons convicted of felonies, received a Christmas gift from the court today. Superior Judge Carlos Hardy allowed her to apply for dismissal of probation and then granted a dismissal of the manslaughter conviction returned against her a year ago last September.

Mrs. Pantages, wife of Alexander Pantages, millionaire theater operator, had been under a ten-year probation since her conviction for killing a Japanese gardener in an automobile collision.

NOT GUILTY PLEAS BY BOMB TRUNK SUSPECTS

SAN FRANCISCO, Cal., Dec. 23.—(AP)—Henry Lisle and Thomas E. Boyle today pleaded not guilty to a charge of malicious and reckless possession and use of explosives when they appeared in superior court. The men are alleged to have shipped a trunk containing a dynamite bomb to a newspaper building in Spokane.

OLD CLOTHING PAYS CINEMA ADMISSION

LENNINGRAD—(AP) Movie fans in Russia, who are short on currency, now obtain admission to some cinemas by tendering old clothing, potatoes, eggs, flowers and what-not at the box office.

Particularly welcome in this land of heavy snows and long winters is the prospective patron who brings a pair of old galoshes.

The Krushnaya Gazeta says it is for the box office officer to judge whether the articles presented are sufficiently valuable to justify admission.

Boston ranks next to New York in the percentage of increase in manufactures for the 1925-27 period.

WOODMEN WILL TALK CHANGE IN INSURANCE

DENVER, Dec. 23.—(AP) A special head camp session of the Woodmen of the World, with headquarters in Denver, will be held in Denver, January 12, 1931, to consider plans for placing the order on a legal reserve life insurance basis.

Such action has been recommended by insurance commissioners of the states in which the organization operates.

And amendment to the constitution providing for such a change was adopted at the head camp session in Oakland in June, 1928, but the Denver district and Colorado supreme courts have held the amendment was not properly adopted because there was no roll call to show it received the required two-thirds vote.

Radio Program KMED (Mail Tribune-Virgin Station)

- Tuesday.
- P. M.—
- 5 to 6—Popular recordings: news and markets by Mail Tribune.
- 6 to 7—Where to Go; Beebe Service Station; Your Office Boys; Cecil and Sally.
- 7 to 8—Opera Sketches; news; Digest; Myrtle Street; UBC.
- 8 to 9—Boque Valley Floral Co.; KMED; Let's Get Associated; UBC; Liberty Meat Market.
- 9 to 10—California Oregon Power Co.
- Wednesday.
- A. M.—
- 7:55 to 8—Breakfast broadcast of news by Mail Tribune.
- 8 to 9—Popular recordings; Denison Radio Shop.
- 9 to 10—Friendship Circle; Del Monte; Pet Milk.
- 10 to 11—Park Concert; Gold Seal; Wurtz Gifts.
- 11 to 12—Film Tapes and Tapes; Lawrence's Jewellers; Burdson's.
- P. M.—
- 12 to 1—Jackson Co. Bldg. & Loan Ass.; Farmers' Exchange Co-Op.; Pipe Organ Recital; Franklin's Cafe.
- 1 to 2—Firestone; Mann's Dept. Store; Ward and Co.; Scientific Laboratories.
- 2 to 3—Happiness Train; Popular recordings.
- 3 to 4—KMED studio presentation.
- 4 to 5—Popular recordings; Kiddies' period.
- 5 to 6—Peoples' Electric; Prosperographs; news and markets by Mail Tribune.
- 6 to 7—Where to Go; popular recordings; Cecil and Sally.
- 7 to 8—Let's Get Associated; News Digest; Murray and Harris; UBC.
- 8 to 9—United String Ensemble; Album of Familiar Faces; UBC.
- 9 to 10—O'Connell and Sons; Dancing Stripes; UBC.

WARNER BROS. TAKE OVER SALEM SHOWS

SALEM, Ore., Dec. 23.—(AP)—By the terms of a deal consummated Tuesday here, Salem's two largest theaters, the Elmore and the Capitol, go under the management of Warner Bros. Theatre, Inc., theater operating subsidiary of Warner Bros. Pictures, Inc., on December 27.

FEAR POISON FOG RETURN IN MEUSE

BRUSSELS, Belgium, Dec. 23.—(AP) The newspaper Libre Belgique said today that the "poison fog" which took sixty lives in the Meuse valley early this month had reappeared in the same vicinity.

One death has occurred at the town of Tilleur, and several serious cases have developed at Etmelle, the account said. There were other cases at Hermaelle-Sous-Huy.

PORTLAND MAIL RUSH REACHES HIGH FIGURE

PORTLAND, Ore., Dec. 23.—(AP) Mail in unprecedented volume broke existing records here Monday, J. M. Jones, postmaster, said today. More than two million pieces, incoming and outgoing, were distributed. A total of 1,112,645 first class pieces was handled. More than 500 helpers, in addition to the regular staff, are employed during the Christmas rush.

OLDEST INHABITANT OF VANCOUVER DIES

VANCOUVER, Wash., Dec. 23.—(AP)—Joseph Dequie, born in Montreal 106 years ago, one year before Fort Vancouver was established and beyond the draft age when the civil war began, died yesterday at the home of his daughter, Mrs. Ethel Frances.

TIMBER CRUISER GOES TO PRISON CHRISTMAS

MARSHFIELD, Dec. 23.—(AP)—George Gotro, fifty, well known timber cruiser of southwestern Oregon, was sentenced to 15 years in the state penitentiary by Judge James T. Brand today following his conviction of a statutory charge involving a minor girl.

The judge announced there would be no appeal, and he will be taken to Salem Christmas eve to begin serving his sentence.

NOVELIST BEATEN BY FELLOW COUNTRYMEN

NEW YORK, Dec. 23.—(AP)—Attacked as he walked through Central Park last night, Konrad Bercovici, novelist, expressed the opinion today that he was the victim of Rumanian monarchists, who resented his political views.

Bercovici was set upon by two men and severely beaten. He fought back and his assailants bolted when a crowd began to collect. His injuries consisted chiefly of bruises.

Bob Martin, 71-year old negro, drives the only remaining hack in Columbia, S. C.

Church attendance has decreased two per cent in Iowa rural communities during the last five years.

ENGLAND PLANS MODEL FARMS TO AID JOBLESS

State Farming Idea Pushed in Parliament—American Methods Will Be Used in Teaching.

LONDON—(AP)—John Bull may soon be Farmer John instead. State farming, being pushed in parliament by Dr. Christopher Addison, minister of agriculture, as a partial cure for unemployment and farm problems.

Thus far his measure has had support indicating its final passage. The plan, in reality, is a complete reorganization of England's agriculture. It has three main objects: large scale, mechanized farming, the reconditioning of land, the settlement of unemployed persons on it.

More than a million acres of arable land has gone out of cultivation in England in the last few years, according to Dr. Addison—a serious trend for an island which in a month can produce only enough to feed itself for one week.

Use American Method. Briefly, the large farms will be demonstration tracts, where modern mechanical farm methods, such as commonly practiced in America, will be taught, and large scale farming encouraged.

Not more than 50 of these are contemplated. Here farmers and even city-bred workers can be trained.

These demonstration farms are to be purchased and held by the ministry of agriculture, but controlled and managed by local authorities, universities and agricultural colleges.

The ministry, too, will have power to purchase neglected land by compulsion, to decide whether land has been neglected and upon which reclamation work is necessary. Thereafter the ministry is to have power to let or sell the land.

Small Tracts Planned. Most of the unemployed, however, are not to be put on large farms, but allotted tracts not larger than an acre.

Cottages are to be provided where needed, seed, fertilizer and machinery supplied and the new farmers financed to a certain extent.

The bill gives the minister power to make loans to tenant for the purchase of stock, feed, fruit trees and the other necessities of a farm.

About \$33,000,000 is asked to finance the scheme.

1702 MEN REGISTER FOR JOBS ON ROADS

SALEM, Ore., Dec. 23.—(AP) The latest report received by the state employment commission shows that in 13 counties 1702 men have registered in the emergency employment movement. Of these 427 are single and 1275 married. They have a total of 4075 dependents.

The Prince of Wales and high dignitaries of the British, French and Belgian nations will attend the unveiling of the bronze equestrian statue of Field Marshal Earl Haig in the principal square of Montreuil-sur-Mer on May 31, 1931.

LAST MINUTE CHRISTMAS GIFT SUGGESTIONS

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Manicure Roll-Up Sets
DeVilbus Perfine Sprays

Strang's Drug Store

Medford's First Drug Store Established 1884 Phone 225

UNLUCKY KANSU NOW DRYING UP AS JINX HOLDS

Chinese Province Has Suffered Earthquake, Civil War, Famine, Banditry and Typhus.

PEIPING—(AP)—Kansu, which is about the size of New Mexico and normally has a population of 6,000,000, is perhaps the unluckiest province in all unhappy China.

In 1929 500,000 people were killed within 10 minutes by an earthquake and within the past four years about one-third of the population has disappeared because of civil war, famine, banditry and typhus.

And now comes G. Findlay Andrew, British famine relief worker, with a prediction that large areas soon may be depopulated through gradual failure of the water supply.

"It seems as if the desert conditions prevailing in the Gobi, Alaskan and Ordos are moving southward," Andrew said on his return here after six months on relief work in the province.

Mills Lack Power. "Twenty years ago the safest investment you could make there was a water mill. Now many of the mills are without motive power.

"In many village temples are tablets recording the amount of water each bit of land is entitled to get—usually so many units measured by the length of time it took to burn a stick of incense—yet there is no water in sight."

Andrew had at his disposal \$250,000 donated by American sympathizers with the famine victims in Kansu. Most of this was disbursed for seed grain loans in payment for labor on roads and bridges, transported in bullock through hundreds of miles of bandit-infested territory, not a cent was lost through robbery.

California's grape production for 1929 is estimated at 1,775,000 tons.

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Less than 1/2 Price. Children's Hose values to 59c. Now 10c

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S.S.S.

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