Discount Famous Leader's Cosmology, but not Relativity Theory

Kansas Professor Establishes Link Between sex and Circling

BY HOWARD W. BLAKESLEE Associated Press Science Editor CLEVELAND, Dec. 31-(AP) -The foundation of Dr. Albert Einstein's cosmology or theory of creation is disputed by a Harvard discovery reported to the American Association for the Advancement of Science today.

An apparently definite connec tion between sex and the ingrained tendency of a man lost in the woods to walk in circles was reported from the University of

Einstein's relativity theory is not involved by the Harvard findings, his cosmology being an entirely separate work which never has been accepted as widely as relativity.

Harvard astronomers, mapping things seen deep in outer space, have discovered that contrary to an assumption made by Einstein as a basis of his cosmology, matter is not uniformly distributed. Doubt That Space

Is Completely Filled With uniform distribution, the Einstein cosmology conceives of space as completely filled with matter, so that no more substance can be packed in. His universe is static, that is, it does not change much. His cosmology has been interpreted by some scientists as meaning possibly that space may not be infinite but is some how

Dr. Harold Shaply, director of Harvard observatory, reported the new star mapping in an address as retiring vice president of the section on astronomy. He said it is possible to interpret the Harvard findings differently, but that he takes them as showing space to be no more uniformly populated with stars than the United States is with human be-

Ings.

The stars are clumped into groups scattered about like American cities, with some great open spaces like the emptiness of the Rockles.

Link Between Sex and Circling Applies to All
The link between sex and cir-

cling was found by Dr. A. A. Schaeffer, professor of zoology of the University of Kansas. It applies alike to plants, animals and

In the circling tendency all of them divide into two general Amos and Andy classes, one with a right turning propensity and the other with left spiraling. In sex they divide also into two

general classes, one that repro-

duces without sex, which includes lowly forms of life, and the other which reproduces sexually and includes the higher forms. Whatever causes the difference in circling quite generally causes also the difference in sex. The

higher orders tend to one direction of circling while the lower, or sexual groups, tend to go the other direction. The dividing line between left

and right turning is not hard and fast, but approximate, something like comparative numbers of left and right handed persons. There are also sex exceptions. Dr. Schaeffer concludes that

the spiralling and sex differences originate from the same source, and that this is something too small to be seen in a microscope, probably units of living protoplasm, which are each about the size of molecules.

The importance of the work is the fact that it seems to prove the existence of these tiny living bits, which Dr. Schaeffer said long have been suspected, and to discover one difference between them which may enable scientists to learn more, and then find uses for the knowledge.

### Dash by Air to Get Serum for Lad Who's Dying

SPOKANE, Dec. 31 .- (AP)-An international dash by an airplane carrying infantile paralysis serum today possibly saved the life of ten year old Hugo Wood, son of K. R. Wood, Grand Forks, B. C., rancher.

The serum was ordered from a drug company here and a Mammer air transport plane traveled the 145 miles to Grand Forks in an hour and fifteen minutes, arriving two hours after Hugo's illness was diagnosed as paralysis.

## Naval Treaty is In Full Force as Irish Papers in

LONDON, Dec. 31-(AP)-The Lendon naval treaty, born of the five-power conference last spring, at last is in full force with the deposit at the foreign office too of the ratification by the Irish

## Forward !nto 1931!

A NEW YEAR'S EDITORIAL

DEOPLE tore the 1930 calendar off the wall rather eagerly, as though anxious to be done with it. Now the 1931 calendar greets us from the wall, the first day of the first month of the first year of the third decade of the century.

With all our impatience to kick 1930 into the gutter through disappointment at the way it turned out, Salem citizens may take genuine comfort that its industrial, com- Joy of Living and Joy mercial and civic life has been well sustained through the past year and conditions are healthy for resumption of normal expansion when signs are favorable.

In checking over the various Salem industries for material for this annual edition, The Statesman was greatly impressed with the stability of these industries and the regularity of their operations during the year. Plant after plant has operated at normal rate during the year, maintaining payrolls and building up markets for goods. Some industries have been launched; none of size has been forced to suspend. The lumber industry through the northwest suffers the worst, but Salem's paper mill, woolen mill, linen mills, converting plant, packing plant, creameries, bakeries have run with even increased volume of busienss in 1930.

Dairymen, Hop Growers do Quite Well In this locality farming has probably suffered most severely through the fall in prices and fruit-growing through disappointing yields in 1930. Salem canneries did not have such a large year as previously because of the reduced yields of berries. Dairying has increased production during the past year; likewise the poultry business showed growth. Hop growers have had a better year, Live stock save sheep and wool has had a ready market at profitable prices; so the farm picture is by no means wholly gloomy. Credit Facilities in Excellent Shape

Salem has felt the effects of what is recognized as a major depression; but the wonderful diversity of our resources has served once again to sustain the city and its business institutions in remarkable manner. Savings deposits have increased, no marked shortage of credit was experienced. Our industries have come through the year successfully. The amount of actual unemployment while greater than normal, has not been excessively so.

With 1930 behind, city and state and nation are girding themselves for definite recovery and advancement in 1931. Stocks for the most part are low; revival of demand will quicken the pulse of trade and increase the hum of industry. Forward into 1931!

WASHINGTON, Dec. 30-(AP) President and Mrs. Hoover spent New Year's eve getting ready for a hard day's work to-

They will have to shake hands with some four to six thousand people on New Year's day, the figure depending somewhat on the weather. The chief executive and Mrs.

New Year, it being said at the In the morning, Mr. and Mrs. Hoover will receive the government officials, beginning with the cabinet. The morning will end with the reception of patriotic orders. The supreme court, diplomatic corps, house and senate all important roads in the county members, army and navy officers and ranking bureau chiefs and commission members will pass through the line in the meantime. The afternoon will bring the on the lookout for the kidnaper. general public.

## Start Raid on King's English

LONDON, Dec. 31-(AP)-Unless millions of British radio fans were "regusted" tonight they probably will be shelving "Fawney that!" and other exclamatory expressions for "Sho! Sho!"

For Amos and Andy, the blackfaced pair familiar to American dial twisters, were heard in Great Britain tonight for the first time Reception was excellent and officials of the British Broadcasting corporation estimated that a potential audience of 12,000,000 was available to hear the pair dis-

### Liquor Resorts In New York Are Given Big Raid

sect the king's English.

NEW YORK, Dec. 31-(AP)-Determined to make New Year's eve safe for sobriety, 30 of Uncle Sam's dry warriors started out today bent on throttling the shrill route to the bank to deposit the blast of Broadway's celebration money, Tuesday's receipts. He down to a mere whisper. A huge told police he did not see a gun truck from the government ware- in the hands of either of the robhouse brought up the rear.

# Busch Youth Is Kidnaped

ST. LOUIS, Dec. 31-(AP) -Adolphus Busch Othwein, 13, grandson of August A. Busch, president of Anheuser-Busch, Inc., and great grandson of the late Adolphus Busch, was kidnaped at 7:30 o'clock tonight from the grounds of the Orthwein home in Huntleigh village, St. Louis county, by a negro armed with a revol-Hoover spent a quiet day. They ver.

Mrs. Percy J. Orthweln. His mo-White House that the president ther before her marriage was felt the year would arrive asyway. Clara Busch. His father is vice president of an advertising agen-

Immediately after the kidnap-ing, Sheriff Alfred Lill of St. Louis county, placed constables and deputy sheriffs on guard on and notified St. Louis police. Assistant Chief of Police Glassco of St. Louis, ordered the city police department to patrol the streets

### Graduate School To Make Better News Men Talked

BOSTON, Dec. 31. — (AP) — Dean Eric W. Allen of the University of Oregon today said American schools of journalism were ready to accept the suggestion of the American Society of Newspaper Editors that they become graduate schools "like law and medicine," providing sufficient background was provided by the

In his presidential address opening the convention of the American association of schools and departments of journalism. Dean Allen pointed out 25 years had been required to put the schools of law and medicine on their present basis.

## Chinese Robbers Raise \$1,237.11

PORTLAND, Ore., Dec. 31 AP)-Two Chinese today held up H. L. Sun, manager of the International Dollar store, and robbed him of \$1237.11. Sun was en

Work Praised in U. S. As he Sees it

Attend Scientific Meet In Los Angeles

By WALTER B. CLAUSEN Associated Press Staff Writer SAN DIEGO, Cal., Dec. 31 -AP)-Albert Einstein came, saw and gave his solution to the probem of the American human equa-

"I feel that you are justified in looking into the future with true assurance because you have a mode of living in which we find harmoniously combined the joy of ife and the joy of work.

That was the more roadcast in response to his welcome to California bonne. drew an arc of his-contacts-New York and San Diego. He measured his impression of the Ameri-

can people. The greatest living mathematical mind then further classified the American spirit, with this

"The spirit of ambition which revades your very being seems to make the day's work like the happy child at play." Greeting of Children Thrills Professor

The little German professor was thrilled to vibrant emotion over the welcome extended by school children.

Then he expressed his analysis a pronouncement of faith in the youth of today. "Youth is always the same, endlessly the same," he said, brushing aside all frequently heard contentions that modern youth was wilder or had more

iberties than in other days. After a few hours in San Diego e left by motor for Pasadena, where he will meet the largest family of advanced scientists who are to be found anywhere, working upon his general principle of relativity.

His most interest, he said, was in the progress of work being undertaken there with respect to the influence of the earth's rotation on the propagation of light.

## Reno Divorces Higher in '30; 2135 are Given

RENO, Nev., Dec. 21.—(AP)— Reno divorces in 1930 exceeded those of 1929 by at least 32, a compilation made today by County Clerk E. P. Beemer disclosed.
At 2 p. m., 2135 divorces had
been granted for the year, with
three additional cases set for hearing during the late afternoon and a possibility that one or two might be added to these.

A comparison of the two years shows women to have predominated this year in the number of decrees granted, while in 1929 men predominated. Marriages in Reno also exceed

ed those of last year, a tabulation showing a total of 4513 licenses as compared with 4210 in 1929 and 3407 in 1928.

### Norblad Denies Partner Rumor

ASTORIA, Ore., Dec. 31-(AP) Governor A. W. Norblad, visit-ing here tonight, denied rumors he had formed a partnership with a Portland attorney. He said he would return to his law practice hereafter January 15. "This is my home," said the governor. "I have fought here many successful battles for legislation beneficial to Oregon. Here I received the highest plurality Clatsop county and run driver whose machine ever accorded any candidate for crashed into her while she was governor. I shall remain here walking on the highway near her with my friends."

Says Would Help Trusts at Expense of Human Misery

Great German on way to President Unethical in Sponsoring Idea, is Statement

> By NATHAN ROBERTSON WASHINGTON, Dec. 31. AP) - Charging the proposed four system consolidation of eastern railroads was a plan to help the roads out of financial difficulties "at the expense of human misery", Chairman Couzens of the senate interstate commerce committee today accused President Hoover of being "most unethical" in sponsoring

> Both Couzens and Senator Mc Kellar, democrat, Tennessee said the president prejudged the merits of the plan by commenting on it before it was submitted to the interstate commerce com mission.

The plan, announced by President Hoover at the White House yesterday, would place all eastern roads, except those in New England, under the Pennsylvania, the Baltimore and (Turn to page 2, col. 3)

LONDON, Dec. 31-(AP)-The king's traditional list of New Year's honors made a knight today of a man who did hard work with his hands at the age of 13, later went to sea and since has been a battler for the cause of the trade unions. Yesterday he was James Sex-

ton, but today he is Sir James Sexton, still a prominent laborite and leading figure in the British The list contains other tinges of

romance. George Thomas, a noted financial writer whose pen name is "Audax" becomes a bar-Wilmot Lewis, who has covered Washington for years for the

London Times, now is Sir Wilmot Lewis by virtue of his having been made a knight commander of the Order of the British Empire, Another knighthood was conferred on Norman Angell, noted pacifist, who wrote "The Great

## General Strike On in Coal Area Of South Wales

CARDIFF, Wales, Dec. 31. —
(AP)—A general strike in the great South Wales coal mine area involving approximately 150,000 workers, was ordered tonight by officials of the miners' federation, effective at midnight.

The decision followed an evening spent in hurried conferences as representatives of the ministry of mines made last-minute dashes between the headquarters of the miners and owners. Neither side would agree to the demands of the other and the miners were ordered not to return to work to-

## Mrs. Jane Wood Hit-Run Victim

PORTLAND, Ore., Dec. 31 (AP)-Mrs. Jane Wood, 55, whose home was about a mile south of Canby on the Pacific highway, died tonight at Oregon City hospital from injuries received when she was struck by a hit

## 5 Major Topics for Legislation Coming J Faced by 44 States D

Associated Press Makes Survey of Problems Confronting Assemblies in New Year;

Taxation First on List

By DALE HARRISON (Copyright, 1930, By The Associated Press) NEW YORK, Dec. 31.—(AP)—The making of law becomes next month in 43 states capitals a matter of serious

By summer-statute writing is a tedious affair-thes 43 legislatures, joined in April by a forty-fourth, Floridawill have adjourned; and an estimated 20,000 new measures will have been acted upon. Only four states-Virginia, Kentucky, Louisiana and Mississippi-will have no legislative sessions next year.

WASHINGTON, Dec. 31 -(AP)—A new year's prediction that 1931 will see a gradually improving enforcement of the dry laws was made today by Prohibition Director Woodcock.

An optimistic view at year's end also was taken by Dr. James M. Doran, commissioner of industrial alcohol. He announced that the new non-poisonous denaturant, alcotate, had been distributed to alcohol distillers throughout the country and would be mixed with their product be- has to do with enforcement or ginning January 2.

Woodcock summed up his views on enforcement in one brief Policing Causes Some Concern paragraph:

we believe that is the correct pol- setts, there has arisen a differagents has become more efficient of the death penalty for capital through systematic training. We crime. propose to continue along these capital punishment once more. lines. Improvement in enforce- Massachusetts would repeal it. ment will follow improvement in the training of our force."

## Professor Swift Raps Education In Vogue in U.S

PORTLAND, Ore., Dec. 31—AP)—The annual session of the Oregon State Teachers' association closed here today.

One of the closing pieces of business was the organization of the Oregon Social Science association. The association, it was said, will have for its object the promotion of social science teaching in the high schools.

C. E. Rothwell, of the University of Oregon high school, was elected chairman of the associa-

Dr. Fletcher Harper Swift, of the University of California, told the teachers education in the United States is not free and is neither equal nor universal,

## Legge Says Short Selling Must go

WASHINGTON, Dec. 31-(AP) The dispute between grain men and the farm board which marked most of 1930 drew to a pitch as the year waned and brought a trict. He will assume his new duprediction today from Chairman Legge that eventually short selling must be eliminated. Responding to a statement by

Peter B. Carey, a vice-president of the Chicago board of trade, in which that exchange was aligned with others in outspoken opposition to farm board operations, Legge called for further federal regulation of the exchanges. The chairman considered it imrobable that further governmental regulation might cause the ex-

change to close its doors.

Legge's expressed desire.

Money and morals are the general headings under which major statutes will be written. Of these, money-taxation, ap propriation, debt retirement and public works-dominates. Specifically, the program groups itself into five classifica-Taxation.

Prohibition, Penal reform. Unemployment relief. Governmental reform. Taxation is a vital business fr

every legislative hall, but 20 states in particular are looking next month to their lawmakers to do concrete things concerning Fourteen states will consider prohibition in one or more of its

vexing phases. Not all the contemplated discussion, however, repeal. Prison Reform, State

The matter of prison reform "Last July we started with the and state policing assumes high idea of making the commercial importance in 10 states. In two violator the immediate objective, of them, Kansas and Massachuicy. We believe our force of ence of opinion as to the merit Kansas would legalize

> the decapitation of a woman it from the paying teller's cage and hanged last spring, will seek "a more humane method of execution". Its governor-elect favors abolition of the death penalty

Unemployment relief is promised consideration by at least 11 the work of lawmaking strikes its stride.

What would appear in effect as an offset to any extensive state sponsoring of unemployment relief is the pronounced determination of many new administrations to pare expenditures to the core,

Governmental reform lack the "human interest" element: of such affairs of state as prohibi-(Turn to page 2, col. 1)

# Is Given Job **Under Doran**

SEATTLE, Dec. 31—(AP)— Roy C. Lyle, former Pacific Or be Restricted northwest prohibition administrator acquitted a few months ago of bribery and conspiracy charges, today revealed he has been appointed supervisor of in-dustrial alcohol in the 12th disties January 2, probably with headquarters here.

The appointment was made by Dr. James Doran, head of the national division of industrial alcohol. He was head of the prohibition department when Lyle was northwest administrator.

Lyle's salary will be \$6000, the same as he received as adminis-trator. His district, under the department regime, cludes Idaho and Montana well as Washington, Oregon and Alaska, which formerly compris-Restriction of short selling was ed the northwest prohibition en-

New Orleans Tragedy Enacted by Hooded Robber Trio

## Ruthless Slayings at Eve of Festivity Sobers City

NEW ORLEANS, Dec. 21. -(AP)-Advised tonight of rumors of a plot to bomb the first precinct police station and adjoining criminal courts building during the midnight New Year's fireworks pop-ping the police immediately threw a squad of men armed with riot guns about the building as a precautionary

NEW ORLEANS, Dec. 31. -AP)-Three lives were lost today in a bloody climax of bank banditry that has terrorized New Orleans during the last year. New Orleans was shaken out of

its New Year's festive mood by three white hooded bandits wearing long linen dusters walking into the third district branch of the Whitney Trust and Savings bank and announcing their entry by a blast from a slug-laden shotgun. The first shot killed Pierre N. Rizan, bank guard, who reached for his pistol at their approach. The bandits then kept up a steady fire from shotgun and pistol until Arizona, still shuddering over one of them had scooped up \$3100 had escaped in an automobile manned by a fourth member of

Lumberman's Son Found Dead at Teller's Window

Gilbert Dietrich, son of a himberman, was found dying on the legislatures. Probably others floor in front of a receiving tel-will ponder the problem, once ler's window where he stood to ler's window where he stood to make a deposit. He died later in a hospital from slug wounds in the body.

Albert W. Brownson, cashierteller, received a pistol bullet in his body and was taken to a hospital. Physicians said he could not recover.

Within an hour detectives had arrested two suspects in a nearby garage. One of them, Owen Couche, jumped from the pelice automobile and escaped before they reached headquarters. Later the other, Claude Cefulu,

was shot through the mouth and

killed by Detective Frank Lannes as he attempted to leap out of the automobile while being taken to automobile while being taken to the scene of the holdup.

Police said suspicion pointed strongly to the pair, especially to Couche, who had a fresh wound over the right eye and a bleedy hankerchief. Three hundred dollars to see the strong hidden in lars in cash was found hidden in

an outhouse to the rear, of the

dwelling around which Couche

fled from the police.

## Cullum Denies Any Love for Model, Suicide

LONDON, Dec. 31.-(AP)-The Evening News Charles Cullum, actor playing the part of Captain Stanhope in "Journey's End", in the United States, as saying over Transatlantic telephone there never was a hint of an engagement between bimself and Mary Helen Chaddock. Miss Chaddock, pretty model

room Sunday. Her parents at-tributed her death to love for Cullum, who, she had learned, had married recently. Bowles and Girl

To be Arraigned

for magazine cover artists, was found dead in her gas-filled

In Court Friday PORTLAND, Ore., Dec. 31. -Velson C. Bowles, Portland capitalist, and Irma G. Loucks, his former secretary, will be arraigned in circuit court Friday to answer first degree murder charges, District Attorney Stanley Myers said today.

Bowles and Miss Loucks were indicted Tuesday for the knife murder of Mrs. Leone C. Bowles. If they request it, the defend-ants may be allowed a week in which to enter a plea.

START BUYING WHEAT
DODGE CITY, Kas., Dec. 31.

—(AP)—The Farmers' Commission Co, here has been authorised to buy where from the Farmers' National Grain corporation, farm board agency. Storage will be in the Dodge City terminal elevator. An initial purchase of 25 cars was recorded today.

# 30-Year Survey of Salem Disarms Those Who Feel Pessimistic!

Amazing Growth Revealed in Census Figures, Utility Customers, Revenue From Uncle Sam's Mails and Rapid Increase in Bank Deposits

U및적하면사내용는 11.55 L 용	Population	Gas Users	Phone Users	Water Users	Power Users	Postal Income	Bank Deposits
1930	26,266	2,521	5,955	7,659	9,721	\$ 242,315.65	10,777 455 . 20
1925	HEFT	2,107	4.305	6,154	6,544	194,326.30	9.792.071.77
1920	17,679	1,650	3,333	3.386	4.075	144,192.37	8,713, 263,44
1915		1,147	2,524	3.411	2,791	79,349.44	4.495,457.71
1910	14.094	590	2,144	2.602	2,108	59.7,21 . 41	3,341.226.42
1905			1,103	1,160		31,189.07	2,199.181.91
1900	4258		483	943		17,397.83	1,220,435.88

かがれたのかは、またはAKできる。