

EPIDEMIC CAUSE MAY BE TRACED TO RADIUM RAYS

Scientist Reveals Startling Changes in Germs Through Radium — Radiations Linked in Evolution

WASHINGTON, Dec. 11. — (AP) — A possibility that radium radiating from the earth may cause epidemics like the World War outbreak of influenza was seen today in a report of the public health service.

It told the results of experiments Dr. R. R. Spencer, senior surgeon of the service, conducted with two forms of bacteria, one of which causes typhoid fever and the other scarlet fever.

He irradiated these by means of small needles containing radium. As a result the typhoid bacteria showed the "formation of giant forms and long filaments." When the radium treatment was continued over many generations, the new forms tended to persist when transplanted, even though the radium needle was withdrawn.

New Germ Forms Made. By irradiating the scarlet fever germ, Dr. Spencer developed new forms of germs distinct in every major respect from the parent.

Dr. Spencer believes gamma rays from radium affect the nucleus of a bacterial cell, sometimes producing a "variant" form which will return to the original form from which it sprang, but sometimes a "mutation" which persists.

His results apparently were in line with the belief of many scientists that radium radiations from the earth, which go on constantly, have produced many of the new species of life which have developed in evolution. Because the new bacteria showed a vigor unknown in the parent, their possible role in causing disease epidemics was suggested.

UNCLAIMED DIVIDENDS ENRICH SCHOOL FUND

SALEM, Dec. 12. — (AP) — More than \$8,000 will be added to the common school fund of Oregon as a result of unclaimed dividends of domestic savings and loan associations being liquidated by the state corporation commissioner, it was announced here today.

The state treasurer just received the first of these escheat funds, as provided by recent laws, from liquidation of the Guardian Building and Loan association and the Northern Savings and Loan association. The former paid in \$4,082.72 and the latter \$2,921.22.

Claimants, if located, may redeem their funds due them. It was announced, but to date these sums had been unclaimed.

DASHIELL NEW COACH UNIVERSITY NEVADA SAN FRANCISCO, Dec. 13. — (AP) — Dr. J. E. Marty, director of athletics of the University of Nevada, announced today Douglas Dashiell of Las Vegas high school, has been appointed head football coach of Nevada, succeeding C. M. "Brick" Mitchell.

"KICKERNICK" Undergarments that fit at Ethelwyn B Hoffmann's

Deals in Law



WILBER HENDERSON

Wilber Henderson, former chairman of the Multnomah county republican central committee and first state executive commander of the American Legion, was born in Illinois in 1887. He attended the University of Washington law school, later graduating from the University of Oregon, and served in the Oregon legislature in 1926 and 1927. He served in the world war and in the Mexican border expedition. Henderson is a Portland attorney.

SLIDING SCALE USED BY YOUNG IN JUDGING DEGREES OF WRONGS

EVANSTON, Ill. — (UP) — Youngsters consider it a more serious offense to "swipe" flowers from a public park than to steal movie tickets from a cashier, according to a "morals" test made by Dr. John C. Eberhart of Northwestern university's psychology department.

Dr. Eberhart discovered in the answers to a questionnaire that offenses against corporate property hurt the conscience of young boys worse than those of their older playmates. Results of the study showed that before the age of 4, boys start with a tendency to seize whatever catches their fancy, Dr. Eberhart said. Boys in grammar school decide between the seriousness of offenses more quickly than do high school pupils.

Younger boys, he explained, are impulsive in judgment. Older boys make their "conscience" an intellectual task.

It becomes less serious for the growing boy to ride on the street-car for half-fare when he should pay full; to steal candy and cigars from a box-car; and to sneak past the "J" cashier without paying," Dr. Eberhart said.

The gravity of offenses listed in the psychologist's 20 questions varied from "swiping your mother's wrist watch and pawning it" to "borrowing your brother's baseball bat without asking."

Young boys and delinquents give fear of punishment as the reason for not being bad, but those further developed realize the evil of their acts, and give varied reasons for their judgments, Dr. Eberhart said.

In summary, the inquiry showed the seriousness of property offenses seems to be based on the value of the property involved, the nature of social obligations to the owner of the property, social disapproval for the type of offense, and danger of punishment.

SEMI-ANNUAL SALE Now in progress ETHELWYN B. HOFFMANN

WEALTHY QUINTS HAVE NO NEED OF YULE DONATIONS

Fortune of \$200,000 Enables Famous Children to Buy Own Presents — Christmas Plans Not Set

CALLANDER, Ont., Dec. 12. — (AP) — Wealthy movie actresses now, the Dionne quintuplets don't need presents this Christmas as they did last Yuletide but the girls are expected to start rolling in soon.

Like other children, rich or poor, the five little sisters will be glad to see them, too. So far there has been no shower of presents. Perhaps there will be fewer than last Christmas when the girls were only seven months old, comparatively poor, and needed toys, clothes and furnishings for their home.

No Presents Yet Dr. Allan Roy DaPoe, their physician, said today no presents had been received but Christmas is still two weeks away. Plans for the holiday at the hospital have not yet been made—the quintuplets have not been busy movie-making—but they are sure to include at least one Christmas tree and perhaps Dr. DaPoe will dress up in a white beard and red Santa Claus suit again.

Mr. and Mrs. Olive Dionne, the babies' parents, probably will be invited to the hospital for Christmas dinner and it is likely they will bring along their five older children to see the quintuplets.

Older Children Barred Mrs. Dionne said recently the older youngsters had not seen their sisters since last Christmas. They are not allowed in the same room with the famous children because they might bring them colds and they dislike watching through a window, she said.

Yvonne, Annette, Cecile, Emilie and Marie are still too young to have letters to Santa Claus written for them because they can't talk to say what they want. But tops of all sorts, particularly dolls, delight them.

Last year they received many clothes, including hand sewn garments obviously sent by persons who could ill-afford the money spent on them. With a fortune of \$200,000 or more now, the quintuplets are able to buy their own frocks.

Modern Portia



DELIA L. GAVIN

Miss Delia L. Gavin, city attorney of The Dalles since 1917, and a native of that city, received her education at Whitman college and University of Oregon. In 1916 she became secretary of the Wasco county democratic central committee, and in 1926 she was elected vice president of the state committee. She was the democratic nominee for presidential elector in 1924, and in 1935 was appointed a member of the state relief committee.

BOSSY ELECTROCUTED BY GROUNDED WIRE

EUGENE, Ore., Dec. 12. — (AP) — One cow was electrocuted and another seriously shocked without even touching a wire, at the Nels N. Hanna farm near Springfield.

Electricians found that electric wiring in the milk house became grounded and formed a circuit with a ground wire on the pole suspending the electric transmission line along the road, 200 feet away. The cows passed between the two points.

The shock was not sufficient to injure a man, but cows are particularly susceptible to electric shock, Hanna said.

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DOUBLE LICENSE FEE ON PICKUPS, TRAILERS CAUSES COMPLAINTS

SALEM, Dec. 12. — (AP) — Changes in motor vehicle license laws whereby all pickups, light city deliveries and trailers are required to pay a double license fee, of \$10, has resulted in hundreds of complaints to the state department from owners of this type of cars.

The law was changed by the regular 1935 legislature and becomes effective for all cars after January 1, 1936, for which licenses will be issued beginning Saturday. The change, it was authentically reported, was made without the recommendation of Earl Snell, secretary of state.

Officials stated that trailers, whether commercial or private trailers used for camping and other such purposes, were subject to the added \$10 fee. In reply to the complaints, Snell has informed owners of all types of pickups with a combined weight of 4,900 pounds or under, that as an added administrative officer he had no authority to deviate from the provisions of the law. The only vehicle now eligible to the \$5 fee is strictly a passenger car.

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