

BOTULISM POISON CONQUERED BY HEAT

Exhaustive Study Is Made by Universities.

DEATH TOLL IS SMALL

Organism Declared Found to Least Extent in Soils Extensively Cultivated.

WASHINGTON, D. C., Oct. 12.—An exhaustive investigation over a period of several years by the medical schools of Harvard, the University of California and Stanford University in co-operation with the United States public health service has determined that the food poisoning known as botulism may be avoided by the proper amount of heating. It was announced today by the National Canners' association, at whose request the investigation was undertaken.

A report made to the board of directors of the association in Washington, declared that the research has proved "that all canned foods, whether prepared at home or in a factory, are safe if heated for the time that has been scientifically determined."

Botulism Is Conquered. "This research work," it was stated, "has occupied 30 scientific men with a corps of helpers since the sensational botulism outbreak in 1919, but as a result of the investigation, botulism is no longer a mystery for it has finally been conquered by heat."

The only means of sterilizing canned food is by heat. It was added, "After the can is sealed, proper application of heat destroys the bacteria that grow on all fresh food. In order to make canned foods safe, it was necessary to learn the exact amount of heat necessary to kill botulism in every kind of food. The influence of heat was studied under all possible conditions. In securing data from which conclusions were drawn, something like 100,000 specimens were heated and studied in detail."

Natural Home in Soil. "Sauages were formerly supposed to be the chief source of botulism, but it is now known that the organism exists everywhere in nature and that the natural home is in the soil. Over 2000 samples of soil and other agricultural products such as hay, husks, leaves and discarded material from fruits and vegetables from different parts of the United States were examined. A large number of samples were also examined from Alaska, Hawaii, Canada, Belgium, Holland, Denmark, England, Switzerland and China.

"It is found in the greatest abundance in soil that has never been cultivated, especially at high altitudes. The organism becomes less abundant as soil is cultivated and is found to the least extent in soils that have been subject to intensive cultivation. Even in older cultivated regions, however, botulism has not disappeared from the ground."

Deaths Not Small. "From time to time assertions have been made as to the prevalence of botulism, but using figures supplied by the California investigating authorities the report states:

"During the year 1920 there were more than 97,000 deaths from tuberculosis in the United States, more than 2000 from diphtheria, more than 1000 from accidental poisoning by products other than foods, nearly 5000 from diphtheria and over 1000 persons killed by lightning. When we compare these with the average annual death rate from botulism of less than 25, the position of botulism among the causes of death becomes insignificant."

"If we accept, for the sake of argument, and then then the statement that a total of 29 outbreaks of botulism have been caused in the United States by commercially canned foods (an average of less than three outbreaks per year), the number is still relatively small in comparison with the total. We should bear in mind that during recent years the annual total pack of canned foods of the United States has been not far from 4,000,000 cans. There has, therefore, been less than one outbreak of botulism ascribed to commercially canned foods for every billion cans that have been packed since botulism has been recognized as a disease that might be possibly caused by canned goods."

THEATER HEAD IS SHOT

(Continued on Page 2, Column 1.)

prevention, but it has been very slow," Mr. Walker told the newspaper man yesterday afternoon. Mr. Walker was walking south on Wall street at the time and appeared to be in a despondent mood. He was addressed twice before he recognized that anyone had spoken to him and appeared to be in a hurry to end the conversation. His attitude was decidedly nervous.

Discharge Is Denied.

Denial that Mr. Walker had been discharged was voiced by W. C. Donovan, his attorney. "Mr. Walker had not been discharged to my knowledge, and I know of no financial difficulty at the theater. He had been suffering for about a year and had been under a physician's care."

Mr. Donovan said he may demand a coroner's investigation of a possible murder theory. "I have been treating Mr. Walker for diabetes for two years and he

GLADSTONE

COOK'S COOL INC. 143 Sixth St. Alder. The finest travel and leather goods specialty shop in the northwest.

was rapidly growing better," said Dr. Marshall.

"I had left Mr. Walker and gone for lunch," Mr. Christ told Detective Edwards in the theater after the body of Mr. Walker had been removed.

Body Found in Office.

"I was out about 10 minutes and returned to the theater. I went down to Mr. Walker's private office on the second floor. The door was locked and I opened it with my key. There was Mr. Walker lying on the floor with blood running from his head. I closed the door and went to the box office and called the police station."

"I told the sergeant on duty to send two men to the theater at once. I asked for plain-clothes men."

Mr. Christ explained that he and Mr. Walker had been talking together just a few minutes before the shooting.

When first asked if financial trouble was the cause of Mr. Walker's actions Mr. Christ declared that he could not make any statement regarding the finances of the theater.

Nothing Known of Shortage.

Later, when asked about the finances of the theater and if Mr. Walker had been discharged, Mr. Christ said: "I know nothing of any shortage. I have not inspected the books and my knowledge Mr. Walker had been discharged."

Mr. Christ came to Spokane about six weeks ago from San Francisco. He is Alexander Fanta's personal secretary and field man. His duty is to look after the business of the show houses.

At the theater this afternoon Detective Edwards started his investigation of the situation. He questioned Mr. Christ regarding the shooting and asked why Mr. Walker killed himself unless there was financial trouble.

"I don't know why Mr. Walker killed himself," said Mr. Christ to Detective Edwards.

MOONEY RELEASE IS UP

Rail Signal Men's Union to Ask Freedom for Californian.

CINCINNATI, Oct. 12.—Introduction of a resolution, on action in an attempt to obtain the release of Thomas Mooney, California labor leader, now serving a life-term in California for the throwing of a bomb into a preparatory day parade in San Francisco, was announced last night by Les Grove, vice-grand president of the Brotherhood of Railroad Signal Men of America, in convention here. Mr. Mooney was a member of the moulder's union when he was convicted of throwing the bomb which killed several persons.

Closer co-operation between the telegraphers and the signal men, because of their partially allied trade, was urged by James Dewey of the Order of Railway Telegraphers.

REFUND 40 YEARS LATE

Son Gets Share of Money Government Owed Father.

SALEM, Or., Oct. 12.—(Special.)—More than 40 years ago William A. Kirk filed on government land in Clatsop county. Today a son, Will T. Kirk, state industrial accident commissioner, received a check for his share of an overpayment of more than \$100 which his father made the government.

William A. Kirk died in 1903. About a year and a half ago his wife, now a resident of Payette, Idaho, received a letter from Washington, D. C., attorney explaining that an overcharge had been made and offering to recover it for her. She instructed him to proceed and the money was paid back.

Centralia Convention Host.

CENTRALIA, Wash., Oct. 12.—(Special.)—Centralia today was host for a district convention of the Degree of Honor, about 50 delegates being in attendance from this city, Chahalis, Olympia, Tenino and Castle Rock. A business session was held this afternoon and at 6 o'clock a banquet was served at the Hotel Centralia. Mrs. Eva Gordon of Olympia, head of the Degree of Honor in this state, attended the convention and was an honor guest at the dinner.

Dahlia Fanciers Hold Show.

EUGENE, Or., Oct. 12.—(Special.)—As a special feature of entertainment at the first fall meeting of the women's auxiliary of the Eugene chamber of commerce last night a dahlia show was held. Plans were laid at this meeting to make this an annual affair similar to the rose show put on each summer by the organization.

Peacock Rock Springs coal, Diamond Coal Co. Bldg. 3027.—Adv.

MRS. BOUCHEL SAYS SHE WILL SUE SOON

Action for Defamation of Character Planned.

LETTER IS MADE PUBLIC

Names of Persons Who Accused Her of Wrong-Doing Are Demanded of Capitalist.

ATLANTA, Ga., Oct. 12.—Mrs. Onelzmande de Bouchel will return to Atlanta within ten days or two weeks to institute legal proceedings against Asa G. Candler Sr., Atlanta capitalist, and others for alleged defamation of her character.

According to a statement by Harry Gamble, her attorney, just before the two boarded a train tonight for New Orleans.

Mrs. de Bouchel, in statements since her arrival here last Sunday, had said Mr. Candler told her he had decided that his marriage to her, which had been scheduled for September 20, was "impossible" because of reports that she had been brought to him reflecting on her, but that he declined to reveal the source of his information.

Letter Is Made Public.

Mrs. de Bouchel made public a copy of a letter she said she had written to Asa G. Candler Sr., Atlanta capitalist, before she came here demanding to know the names of the persons she said he told her had reflected on her and which caused termination of their engagement.

"Do you expect to let this hideous slander go unpunished?" she asked. "I will publish it to the whole world and we will see if the world is as credulous as you seem to be and as you expect me to be. If there are any such men, and I certainly do not believe there are, who make such statements, they have been paid to do so and they shall go to the penitentiary along with those who hired them."

"This is a clumsy conspiracy that imposes on nobody but you. Why did it come up in Atlanta, right at the time, in fact just in time, to stop your coming to Reno for our wedding on September 29? Why does it come up in Atlanta at all except that it is distant from my home and friends, and where it will be harder for me to meet?"

Name of Man Demanded.

Asserting that her attorney told her Mr. Candler had said the person was a traveling salesman, Mrs. de Bouchel said she would call on the traveling salesman of the south to protect her, "an innocent, defenseless woman."

"You must divulge the name of this person," the letter continued. "Unless you do I'll go on the assumption that there is no such person and that you have been willing to be imposed upon."

"Besides, you are a Christian gentleman. As a Christian gentleman, a man of honor, can you treat a helpless woman this way? You know I have not a single male relative in the world. I am not applying to you as my promised husband and natural protector, but just as a man, are you willing to see me treated this way in your city, in your home, where you are all-powerful. Oh how can you think for a minute that I ought to accept this insult in silence and humbly steal away into some remote place to hide the shame of a woman cast aside because she is not supposed to be a good woman. I'll never do it."

"Only Justice" Demanded.

"I entreat you by our friendship, in the name of the feelings of affection that have existed between us, to go more deeply in this matter. You will find it false. It is a wicked, vicious attempt to destroy an innocent woman! If you will not comply with this request I will come to Atlanta at the risk of public misconstruction and against my every inclination, for I cannot allow myself to allow myself to be placed in this position."

"All I ask is plain justice. "Onelzmande de Bouchel."

COMMISSIONERS AT BEND

Applications for Solder Loans to Be Expedited.

BEND, Or., Oct. 12.—(Special.)—With application for solder bonus loans, 70 in number, held up during investigation of the work of the Deschutes county board of appraisers, Lyman G. Rice, of the world

war veterans' state aid commission, arrived here this morning to start action for Deschutes county ex-servicemen who have asked for loans. Adjutant-General George White, also a member of the commission, arrived later in the day.

Tomorrow morning the two commissioners will begin inspection of the properties offered as security for loans, expecting to remain in the county for the next four or five days, Mr. Rice said. At the same time they will conduct investigations in order to be able to make recommendations on their return to Salem for appointment of a new board of appraisers here.

STATUES HONOR BRITONS

BURKE AND BRYCE MEMORIALS UNVEILED.

Sulgrave's Work in Fostering Friendship Between England and America Is Lauded.

WASHINGTON, D. C., Oct. 12.—Tribute to the work of the Sulgrave institution in fostering friendship between Great Britain and the United States was paid by Secretary of War Weeks today in accepting on behalf of the United States the statue of Edmund Burke, presented to the people of this country by the institution.

"The Americans and the Englishmen who have the best interests of their countries at heart should enthusiastically endorse and support every means of preventing misunderstanding between the United States and Great Britain and bringing into closer bonds of friendship the people of these two great nations," said Mr. Weeks. "This is the task which the Sulgrave institution has dedicated itself and in which it is admirably succeeding."

The bonds of friendship which have maintained peace between the two countries for more than 100 years were recalled by two officials of both England and America when two statues of distinguished Britons, both friends of this country, were unveiled at the gift of the institution. The statue of Burke, friend of the colonists in the trying days of the revolution was unveiled in a city park and a bust of the late Viscount James Bryce, long British ambassador to Washington, was unveiled in a corridor of the capitol. Both honorees were presented by Sir Charles Cheers Wakefield, former lord mayor of London. Chief Justice Taft accepted for this country the gift of the Bryce memorial.

Sir Charles Wakefield, in reviewing events leading to the break of the American colonies with the home government, declared the British king's policy to have been "stupid and un-English," and that the beliefs of Burke were those of most statesmen of the time, as well as of the British people. He eulogized Edmund Burke as a man of letters as well as of the highest type of politics and statesmanship.

IMMIGRATION BAR URGED

Legion Committee for Total Exclusion of Foreigners.

NEW ORLEANS, Oct. 12.—(By the Associated Press.)—Total exclusion of immigration is sought in the report of the Americanization committee of the American Legion to be laid before the legion's national convention next week, according to Alvin M. Owsley of Texas, head of the committee. The report also will recommend that general amnesty to persons convicted of war-time offenses be denied and the United States continue not to recognize the Russian soviet government diplomatically.

CANADIAN SHOPMEN VOTE

Question of Accepting Wage Cuts to Be Decided.

MONTREAL, Oct. 12.—Shopmen will take a referendum on the question of accepting wage cuts introduced by Canadian railways, it was learned today when ballots were distributed to be returned on November 1. About 45,000 men are affected.

DRY INDIA IS PREDICTED

Oriental Advocate of Prohibition to Visit America.

VICTORIA, B. C., Oct. 12.—In a few years India, with a native population of 300,000,000, will be dry, predicts Dr. J. Nananjan Nyogi, an Indian advocate of prohibition, who passed through here on his way from Calcutta to the United States to study the working of the 18th amendment and the Volstead act.

ERRANT GIRL IS SOUGHT

Young Los Angeles Woman Keeps Family in Flutter.

(By Chicago Tribune Leased Wire.) CHICAGO, Oct. 12.—In Chicago somewhere, evading the twin sister who has arrived from Los Angeles to search for her, Patricia O'Neill, the daughter of J. M. O'Neill, a Los Angeles merchant. Miss O'Neill has kept her parents, brother and sister in a flutter since her graduation from the University of California. At 21 she married an 88-year-old man in Maine. The family got the

Sheriff Threatens Raid on Shops

of Columbia County Cities.

ST. HELENS, Or., Oct. 12.—(Special.)—Sheriff Wellington's threat to invade the various cities of Columbia county with his deputies and raid shops operating slot machines if the city officials did not stop the gambling in their jurisdiction, has resulted in the closing down of most of the various gambling devices. After receiving reports of the closings, Sheriff Wellington declared that he would keep in touch with the situation to see that the gamblers did not open up again.

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A taste of Heinz Apple Butter takes you back to the good old days when eating was so much fun. For a delicious wholesome spread—at meal time and between meals—for tarts, puddings and all manner of desserts, you can't beat Heinz Apple Butter. Children just love it—and it's good for the children.



marriage annulled. Then she disappeared again. "I know Patricia is in Chicago," Miss O'Neill said, "because girl friends she met here wrote us that they'd met her. She won't write us. She just wants to roam."

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Rue de la Paix Chocolates—Pure and Delicious. Lipman Wolfe & Co. "Merchandise of Merit Only". In Full Swing Annual Sale of DRUGS and Toiletries. 5-grain Aspirin, 48c. California Syrup of Figs, 49c. Jad Salts, 69c. Gas-Go Tablets, 39c. Squibb's Oil, 69c. Bak-Ake Pills, 39c. Hill's Cascara, 21c. Mulford's Hepatone, 79c. Nu-Iron Tonic, 89c. Lavoisier, 19c and 39c. Mentholatum, 19c. Face Powders: Royal Lillium, 39c; Myreal, 88c; La Blache, 42c; Mary Garden Rouge, 39c; Dorin Rouge, 39c. Hair Preparations: Myreal Remedy (small), 69c; Danderine, 27c; Sanitol Shampoo, 15c; Palmolive Shampoo, 23c; Myreal Bandoline, 23c. Cold Creams, Lotions, Etc.: Ingram's Milkweed, 1 oz., 39c; Oriental Cream, \$1.09; Frostilla, 24c; Tevla Lotion, 25c. Perfumes and Talcums: Eutaska Perfume, 69c; Mennen's Talcum, 19c; Melba Talc, 19c; Mavis Talcum, 19c. Tooth Paste and Powders: Peppodent, 39c; Forhan's Paste, 43c; Revelation Powder, 19c; Lyon's Powder, 17c. Deodorants, Depilatories, Etc.: Odorono, 49c; X-Bazin, 39c; Myreal Od-R-Go, 39c. The Drug Sale—On the First Floor—Lipman Wolfe & Co. This Store Uses No Comparative Prices—They Are Misleading and Often Untrue.

Knight Shoe Co. Morrison Near Broadway. Hepplewhite Canterbury \$200. NOW that Period furniture is universally the vogue, Sonora—the leader in Period phonographs—is more than ever the standard of discriminating taste. In the Canterbury we present one of the latest triumphs of Sonora achievement. Never before, in one exquisite instrument, has such blend of beauty, incomparable tone and perfect workmanship been created to sell at a popular price. On the Seventh Floor. Lipman Wolfe & Co. The prestige of Oregonian Want-Ads has been attained not merely by the Oregonian's large circulation but by the fact that all its readers are interested in Oregonian Want-Ads.

Boys' Overcoats Undervalued. THESE boys' fine overcoats would easily bring more and you parents would willingly pay more, but this store must stand or fall on its reputation for giving more and getting less. And that's the sole reason why these overcoats are underpriced even when we are standing right on the threshold of the new season. No shoddy in them. No skipping anywhere. They put doubt to rout because they are made on honor and sold that way. Read the brief descriptions below—read and profit by choosing early from the bright new stock. Swagger styles in boys' double-breasted, full belted, raglan sleeve, plaid back coating, in tans, browns and gray. Priced at the exceptionally low price of \$18.50 and \$25.00 (In sizes 9 to 18 years). Others as low as \$13.50. Little boys' overcoats in sizes 2 to 8 years. We have the best assortment available in snappy styles, popular colors and best materials. Some very fine IMPORTED TWEEDS and chinchillas. This assortment from \$7.50 to \$23.50. The Juvenile Outfitters for Children. 391 Washington Street, Opposite The Hazelwood.

Knight Shoe Co. Morrison Near Broadway. Ladies! This beautiful pattern is shown in black satin patent leather, soft kid leather, dull kid leather. We wish every woman could pay us a visit at our store to see how we've kept abreast of Dame Fashion in new fall footwear. \$10.00. \$12.50, \$13.50 and \$15.00.