

## Is Salt Lake's Milk Supply A Dire Source of Danger?

From the University of Chicago comes a note of warning regarding the danger that lurks in the milk can of the modern retail dairy. T. H. Glenn of the department of bacteriology, University of Chicago, writes to the Deseret News, stating that while in Salt Lake City last September he had occasion to examine some milk from one of the local dairies. "At that time," he writes, "it contained preservatives. This milk was sold and fed to innocent children under the impression that it was fresh milk. The very fact the preservatives were used is sufficient evidence that the milk was not fit for human consumption." Accompanying his letter is the accompanying article, which bears the caption, "The Milk Supply a Source of Danger."

loses many of the qualities so much desired. It has a burnt taste and the casein is so changed that much of its excellent food qualities are lost. Under no condition is bottled milk so well adapted for human food as is raw milk when perfectly pure.

### PASTEURIZATION.

On account of the danger of transferring disease from the cow to man, some dairies have begun to heat their milk to a certain temperature to destroy the harmful bacteria. This process is called pasteurization. Pasturization will not remove all sources of danger even if carried on skillfully in the transfer of the disease from the cow to man, but the way the ordinary consumer gets his milk is a miserable pretense at best, a means of selling the milk rather than an effective prevention of disease. Even if properly done, the other two sources of danger may still remain and when it is known that harmful bacteria grow much more readily in pasteurized milk than in unpasteurized, it will be seen that heating the milk by the dairy does not remove all danger.

If the cans be not thoroughly sterilized and by sterilization I do not mean just rinsed out with boiling water, and if disease germs exist in the cans, they immediately multiply in the milk and the customers get the full benefit of the multiplication. That the cans or bottles may be a very dangerous source of infection will be understood when one takes into consideration that these cans and bottles are left at the homes of people who may have dangerous diseases; for even in this day, not all diseases are known to the medical profession and not all physicians are able to make a definite diagnosis before the danger appears. Milk, too, is delivered at houses where contagious and infectious diseases exist. The milk man ever on the alert for a dollar is willing to take back the can. You know as well as I how long these cans are boiled before they are again on their way to the dairy to be refilled. The dairy man simply rinses them out with hot water or trusts this to his children. Unless the cans and bottles are boiled in water for one-half hour, one can not be sure that all the disease germs are destroyed. The danger from can, therefore, is a serious one, but it is the least looked after by our state health boards.

The third source of danger comes from the handling of the milk.

### BACILLI THIRTY YEARS OLD.

It is a well known fact that people may carry disease germs for years after the effects have left their system and they have become entirely immune. People have been known to carry typhoid bacilli for 30 years. The bacillus which is the cause of diphtheria lingers in the throat of the child sometimes long after the disease has disappeared and the quarantine has been lifted. These organisms are harmless, but very fatal to susceptible people. If one of these carriers delivers the milk you may rest assured that he will have plenty of opportunity to transfer the disease germ to anything he may handle. Milk is a very good medium for the growth of these bacteria and when introduced they grow very rapidly so that he may be able to transfer the disease all along his milk route.

This, too, is a very important source of tuberculosis. So many people are suffering from this disease that it is quite common for some of the carriers of milk to be afflicted with it. If the organism be found in his sputum everybody knows how easy it is to transfer it to his hand and from his hand to the milk. In counting on the globules of saliva directly into the milk can and you can imagine the results. To go into the details of infection and spread of disease is beyond the purpose of this paper, suffice to call the attention of the people to the dangers which lurk in the commonest article of food, the milk.

### SALT LAKE INDICTED.

That much of the milk used in Salt Lake City and environs is teeming with bacteria can not be disputed. That the dairies there are filthy and poorly kept can be easily demonstrated. This fact is even admitted by some of the producers by the fact that they are making use of preservatives. That preservatives are used can not be denied, since to my horror, I found that some of the milk handed out by some of these dealers was so charged with germicidal substances that bacteria would not grow at all in it. When milk does not sour when allowed to stand in a warm place for three days, it is time the milk man was kept in the confines of the county jail where he might view his innocent victims through the iron bars.

If a woman puts strychnine in her husband's food to shield herself from further abuse, she is usually asked to retire to the penitentiary or to the electric chair. Yet these high class criminal milk vendors are allowed to put poison into milk and thus deprive many an innocent babe of life and consign it to misery and death. Which is the worst the woman who kills the worthless husband or the man who poisons an innocent child? I do not wish by any means to belittle the act of the former, but I do wish to call attention to the enormity of the crime of the latter.

What then shall be done? The solution is not a difficult one. All cows should be carefully inspected by competent men fairly often, the men who handle the milk should be examined, and the dairies cleaned up. Inspection should never be entrusted to city or state food inspectors who in 99 cases out of 100 are fortunate sons of some political party and do not owe their position to any merits of their own.

### BEST FOOD FOR BABES.

In conclusion, let me say to mothers that breast milk is the natural food for babies. The calf has a peculiar stomach to digest cow's milk, but the baby is not provided with such a complex apparatus. Nature did not think that women would become so depraved as to turn the child over to the cow for nourishment until she was compelled to do so. Breast milk is absolutely sterile. Think of the desperate effort of some people to obtain fresh milk for the baby when the mother herself could furnish it with the freshest, the healthiest, the best milk, milk uncontaminated with the dirty hands of milkers, the filth of stables or unclean cans. Milk free in most cases from the disease producing bacteria. Milk suited to the needs of the child. A child fed on mother's milk is rendered more or less immune to the attacks of measles, scarlet fever, diphtheria, etc. When it contracts these diseases they are usually of a milder form than has the child whose unhuman mother for the sake of a demoralized society, turns her child over to the cow.

Let me add that it is time that the state board of health should be controlled by sanitarians and the office turned into a bacteriological laboratory where competent bacteriologists and

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to statistics received today by the Minister from S. Walker of the National and Wyoming Wool Growers' associations, and the Wyoming state board of sheep commissioners, Wyoming undoubtedly has surpassed Montana both in wool in the grease and scoured wool products. This year 4,510,300 sheep were shorn in Wyoming, the fleeces averaged eight pounds in weight and the total production of wool in the grease was approximately 38,000,000 pounds. Under existing conditions, the wool shorn in Wyoming this year is valued at 12,120,000 pounds, which sold for 49 cents a pound, or \$5,988,000 in all. Greatly reduced prices prevailing this year resulted in the heavier 1908 tonnage selling for \$1,272,973 less than the 1907 tonnage.

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### STEINHEIL MURDER CASE STILL THE TALK

Paris, Nov. 27.—The case of Mme. Steinhell, who was arrested in this city yesterday after a day of sensational developments in the matter of the murder of her husband and her stepmother, Mme. Japy, in this city last May, was today taken out of the hands of M. Leydet, the examining magistrate who has been in charge up to the present, and turned over to Magistrate Andreu. Madame Steinhell is still under arrest charged with aiding and abetting in the murder of her stepmother.

Expert physicians have declared that Mme. Steinhell is suffering from a kind of hysteria peculiar to a certain class of neurosathenics, which manifests itself in the invention of the most atrocious accusations. There is in full blast today a campaign by the Nationalists and anti-Semitic press in an effort to prove that the authorities have had an interest in smothering the truth concerning these murders.

Count Garlos, whose name has been mentioned in connection with Mme. Steinhell and at whose house in Paris Mme. Steinhell stayed for several weeks after the murder of her husband, declared today that she was an honest and honorable woman. The count said, however, that he was convinced that Mme. Steinhell was no longer possessed of mental faculties, and he characterized the story that she was present at the death of Felix Faure as a base

calumny. On the contrary, he declared, there was ample evidence to prove that she was at that time ill in her own home.

### TO CLOSE GROC SHOP.

Elko, Nev., Nov. 27.—Following the death last night of another laborer brought in from the Western Pacific construction camp, the local authorities are taking steps to have all "grog" shops in the construction camps abolished. There have been an unusually large number of mysterious deaths of late and the grog shop keepers are blamed, it being claimed that they sell doped whiskey to the laborers in order to rob them, and that in many cases the knockout drops are so strong that the victims fall to recover.

### SILVER PURCHASES.

Washington, Nov. 27.—The treasury today purchased 100,000 ounces of silver for delivery at New York, 75,000 ounces for delivery at New Orleans, and 50,000 ounces for delivery at New Orleans, and 50,000 ounces for delivery at Denver at 48.74 per fine ounce.

## S.S.S. RIDES THE SYSTEM OF CATARRH

Catarrh is a blood disease which causes a general inflammation of the inner linings or mucous membranes of the body. The diseasing of these delicate surfaces and tissues produces all the well known symptoms of the trouble, such as ringing noises in the head and ears, tight, stuffy feeling in the nose, pains above the eyes, irritation of the throat, sometimes slight fever, and a general feeling of weakness and ill health. Even the lungs become affected by the continual passage of impure blood through them, and there is danger of consumption if the disease is allowed to remain in the system. S. S. S. cures Catarrh because it purifies the blood. It goes into the circulation and removes every particle of the catarrhal matter, making this vital fluid pure, rich and healthy. Then the inflamed membranes begin to heal, every symptom disappears, the constitution is built up and health restored. S. S. S. rides the system of catarrh by attacking the trouble at its head and entirely removing the cause from the blood, thus making a permanent and lasting cure. S. S. S. is made entirely from health-giving roots, herbs and barks, and for this reason is an especially safe and desirable medicine. Book on Catarrh and any medical advice free to all who write.

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