



Glycerin in Water Cuts Cooking Time in Half, Chemist Declares

By DELOS SMITH
United Press Science Editor

New York—The newest wonder emerging from scientific experimentation could make woman's work even easier, for instance, it reduces the cooking time of a four-minute egg by one half.

That wonder is brought about, the national meeting of the American Chemical Society was told, simply by adding glycerin (glycerol) to the water in which eggs are boiled.

Dr. James Kanegis, Office of Technical Services, U. S. Department of Commerce, enlightened fellow chemists with evidence that glycerin raises the boiling point of water by 10 degrees, if there is enough of it.

Therefore, the simmering point is that much hotter, and Kanegis figured, the cooking rate is doubled. Generally speaking chemical reactions are doubled by every 10 degrees increase in temperature.

Built-In Thermometers
To double cooking rate, the boiling fluid has to be 60 per cent glycerin and 40 per cent water. Less glycerin (or more water) means less speeding of cooking.

Kanegis reported that the experiments were not with egg-boiling alone. They also were with egg-poaching, prune-boiling, double-boiling of cereals, and pressure-cooking of potatoes.

But the egg-boiling experiments were the most elaborate,

of necessity. Who knows the internal temperatures of a boiling egg? These experimental eggs had thermometers rigged inside them to record that temperature for comparison with the glycerin-water temperature.

Kanegis said glycerin had an "innocuous" effect on the taste of the prunes which were simmered in it and water. There was an effect, of course, and it was his thought that "new taste values" could be produced by sweetening.

Wife Does Experiments
The cooking experiments were conducted in the Hyattsville (Md.) Junior High School by his wife, Brenda. She teaches home economics there. Roger Gilmont of the Manostat Corp. took part in the scientific work. His employer is interested in increasing the uses of glycerin.

However, there was absolutely no suggestion that glycerin should become another labor-saving kitchen trick immediate-

Oregon Fire Danger Declared on Increase

Portland — The U. S. weather bureau has warned of an increase in fire danger throughout Oregon and Washington and the sinking of humidity below 30 per cent in most interior sections.

As a 160-acre fire in Coos county east of Bandon was brought under control Sunday, a new fire was reported in timberland south of Alsea in Benton county.

State and federal forestry officials said the over-all fire danger situation is critical.

ly. Glycerin like any chemical compound has chemical meaning inside people, whatever that meaning is.

Kanegis told the chemists its use in cooking water should be "further investigated, not only for home cooking, but for industrial processing as well."

Glycerin is a by-product in the chemical processing of sodas and fatty acids. In pure form it has a sweet, warm taste. It has been an ingredient of skin lotions for many years and as glycerin it is quite as innocent. But in association with certain other chemicals, it makes a very loud bang. For instance, nitroglycerol is dynamite. It also makes a fine anti-freeze.

Sentencing Held Pending Reports

Appearing in circuit court before Judge Edward Kelly Monday were L. R. Phillips, 335 Charlotte Ann road, who pleaded guilty to charges of obtaining property by false pretenses; and Michael Scott Knapp, Phoenix, who also pleaded guilty to burglary not in a dwelling.

Sentencing of the two men was continued pending pre-sentence reports.

Also in circuit court Monday was Archie Ernest Trott, 924 Main st., Ashland, who is charged with rape. Sentencing was continued as Trott requested an attorney.

Glen Eugene Johnson, 36 Live Oak, Calif., and Willie Woodrow Wolfe, 37, were arraigned in circuit court Friday morning on an indictment for grand larceny.

They are charged with taking a watch, ring and \$700 from the person of Grady Connor, Medford.

Arraigned Friday on district attorney's information on charges of non-support was Clarence E. Surber, Klamath Falls. He pleaded guilty and was given a year's suspended sentence.

John Warren, 45, Ashland, Friday was sentenced to ten years in the Oregon state penitentiary on charges of sodomy.

The four men appeared before Circuit Judge H. K. Hanna.

The two year suspended sentence of Arthur Vern Maxwell, 22, Sacramento, Calif., was revoked Friday by the court on charges of burglary not in a dwelling and he was sentenced to the Oregon state penitentiary for one and a half years. He is charged with breaking into the O. K. Rubber Welders building in October, 1935.

Toledo Union Man Held as Embezzler

Newport, Ore.—A Toledo lumber and sawmill workers union business agent was in jail here today in lieu of \$2,500 bail after being arrested Thursday for allegedly embezzling funds from AFL local 2720, the Lincoln county sheriff's office said.

Arrested was Lorin H. Atkins, 28. The sheriff's office said Atkins signed a complaint against himself in the Lincoln county district attorney's office, admitting to authorities he had pilfered \$1,400 from the union.

He will be charged with larceny by embezzlement, the sheriff said.

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My Day

Moscow.—Our first visit here was with the American ambassador, Llewellyn E. Thompson. He and his wife came here from his previous assignment in Austria, and I think that in some ways life must seem different to them.

I met them in the U. S. embassy office building here which was built some four years ago and already shows signs of wear and tear.

I am inclined to think that necessity for speed in building has somewhat reduced its quality, meaning both frequent repair work and an earlier need for replacement. But that is almost an inevitable result of having to bring about great changes very quickly, particularly after the war which here, as in many other countries, brought an enormous amount of devastation.

In our own efforts to catch up with our needs in housing in the United States, which suffered no devastation but simply was forced to curtail the use of building materials during the war, I also have seen certain housing developments which I didn't think lived up to FHA standards.

Therefore, one must admire the tremendous efforts made in building here in Moscow which, I am sure, were duplicated in many other parts of Russia. Nevertheless, I am doubtful as to whether the cost of upkeep and replacement won't come upon the Soviets quicker than is economically desirable.

After our visit with the ambassador, we returned for a long session with the chief of the Intourist Bureau at the National Hotel. We went over our travel plans and timetables with care, and already I am sure I won't be able to visit as many places as I wanted to see. But I will go to Tashkent in Central Asia next week.

The weather here has been pleasant and warm, and in this respect think we have been fortunate so far. Women are still wearing light cotton or silk dresses or skirts and blouses in the streets. Practically no women wear hats. Occasionally they tie scarfs around their heads.

The food at the National Hotel, where we are staying, is excellent. Many people told me I would have difficulty adjusting to the different cooking of foods, but so far none of our party seems to have had any trouble.

Dr. David Guirewitsch, who together with my secretary, Miss Maureen Corr, is accompanying me on this trip, and I joined a long queue making its way slowly toward the tomb of Lenin and Stalin. This is one of the real sights of Moscow, I think.

I understand that ever since 1924 thousands and thousands of people have come daily, progress slowly to the door of the tomb, enter and pay their respects, and leave by another entrance.

There is an honor guard at the tomb which is changed periodically, so even when the tomb is closed there is a crowd to watch the changing of the guard.

Pigeons come down to be fed in a corner of Red Square past which the long queue extends, and a woman on the sidewalk sells food for the birds in small envelopes. People break out of the line, particularly small children with their coins, to buy these envelopes of food and feed the pigeons, just as they do in Piazza di St. Marco in Venice.

But not even the smallest child throws away the empty envelope, but instead they give it back to the woman. This was significant to me because it accounts in part for the cleanliness of this great city.

Women with long-handled brooms, each allocated an area, sweep the streets constantly. Although I have not seen them, I am told that machines hose down the streets in the very early morning. They must be

washed in some way, for I have never seen a cleaner city. And the people themselves must cooperate in a most astonishing fashion.

How this cooperation is brought about I don't know. There are militia, as they are called, instead of police in the streets, and they keep strict order. But their efforts alone, I think, could not achieve these results. There must be an element of pride in the city which stimulates the people themselves to greater care than is usually evident in city populations.

We also visited the Kremlin Museum and Lenin's apartment. The museum has home wonderful collections of jewels, icons, crosses, plates and goblets. There also are some beautiful collections of silver presented by different countries through their ambassadors in the days of the czars, and some porcelain, chiefly from France.

One showcase of lace made in Russia was outstanding, and the costumes were interesting.

The czars didn't live much in this place, but they came for coronations and occasional visits. In the apartments which they used were the usual type of

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furnishings with some beautiful service of china.

Lenin's apartment is a contrast, for though it is in the Kremlin, he wished to live as nearly as possible the way the workers lived and, to some extent, seems to have succeeded.

One thing Lenin could always completely control was his food, and we were told that his meals always were frugal. As an example, in the evenings he had only tea with sugar and black bread. If guests came a little jam would be added.

Despite this frugality, his study and an adjacent room, where meetings of his government took place, showed he held the reins of power with a concept of the potential strength of the great nation he was beginning to build, was widely read, and a highly intelligent and cultured man. —E. R.

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GOLDFLOCKS IN REVERSE
Duluth, Minn.—It was the Goldlocks story in reverse at the Max Childs' home Sunday. The family found a 1-year-old bear cub sitting dazed on the basement floor after dropping in through a window.

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New Officer Assigned To State Police Here

Sergeant F. A. Holley has been assigned to the Medford state police office, effective Monday. Holley was a state police officer here 10 years ago, then was transferred to Klamath Falls and Roseburg.

With the addition of Holley, the local state police force includes five sergeants, a captain, lieutenant and 15 officers or patrolmen.

Sgt. Holley, his wife, Florence, and two daughters, Karen, 12, and Marcia, 7 live at route 2, box 393 B, Medford.

INSURANCE MAN DIES

New York—Simon Helfgott, 63, retired vice president of the Insurance Workers of America International Union, died Sunday after a long illness.

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