

WEDNESDAY, SEPTEMBER 9, 1959

Kits for Baby-Tooth Collection For Strontium-90 Study Ready



—By a Post-Dispatch Photographer.

VIRGINIA GRIESEDIECK displays gaps to prove she gave some of her baby teeth to science. Virginia, 9 years old, is daughter of Mr. and Mrs. Robert A. Griesedieck, 6315 Waterman boulevard, University City.

A sort of do-it-yourself kit for collecting baby teeth was unveiled yesterday.

Dr. Louis Reiss, director of the baby tooth survey, said the kits were developed in response to requests by dentists.

"So many dentists wanted to help us, but it was such a nuisance for them to prepare the necessary forms," she said.

The survey is being conducted by the Greater St. Louis Citizens' Committee for Nuclear Information to determine the amount of strontium-90 absorbed by children in the St. Louis area. Between 9000 and 10,000 teeth have been collected so far this year.

The kits are available to all

dentists and include a little something for everybody.

For the dentists, there is a special, reusable mailing box. He can fill the box with baby teeth obtained from his patients and send it to the survey office at 4484 West Pine boulevard.

For the parent, there is a questionnaire to fill out. The answers will accompany the teeth to survey headquarters. They pertain to such information as the age of the child, place of birth and whether breast-fed or bottle-fed.

For the child, there is a button to pin on the lapel. It reads, "I gave my tooth to science."



GIVING BABY TEETH to the drive for 50,000 teeth from children between the ages of 5 and 12 is Margie Norris, 5-year-old daughter of Mr. and Mrs. William P. Norris, 6338 Waterman. She contributed the teeth during a ceremony at City Hall in which Mayor Tucker proclaimed this as Baby Tooth Survey Week. He urged St. Louisans to help in the drive, which will enable scientists to measure the amount of strontium-90 accumulated by children.

—Globe-Democrat Photo



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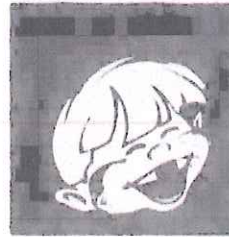
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Wed, Feb 16, 2022



Young donors, Kim Garber and Russell Schrier, reveal the extent of their contributions as they smile. They are in first grade at Greensfelder Park School, University City. Russell wears a survey button, with the words "I gave my tooth to science" surrounding survey emblem. The emblem is reproduced at the right.

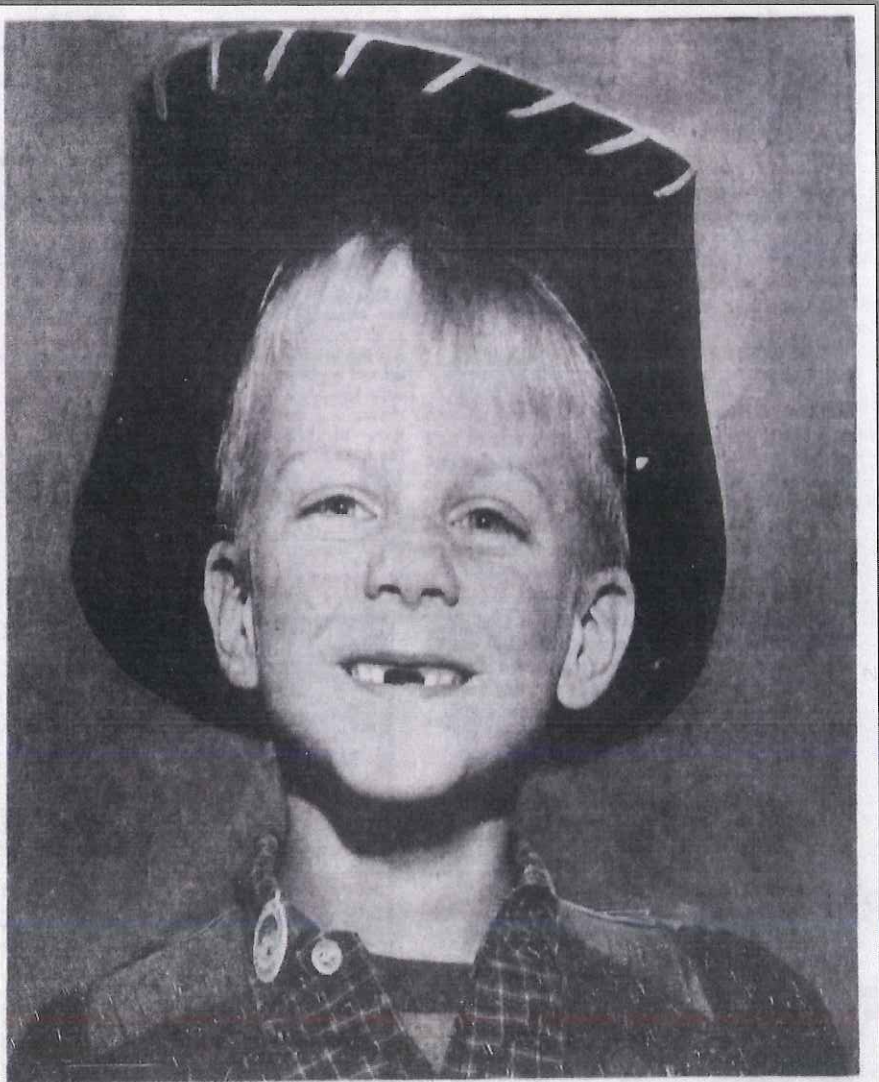
BABY TOOTH SURVEY



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Atomic Research Booster

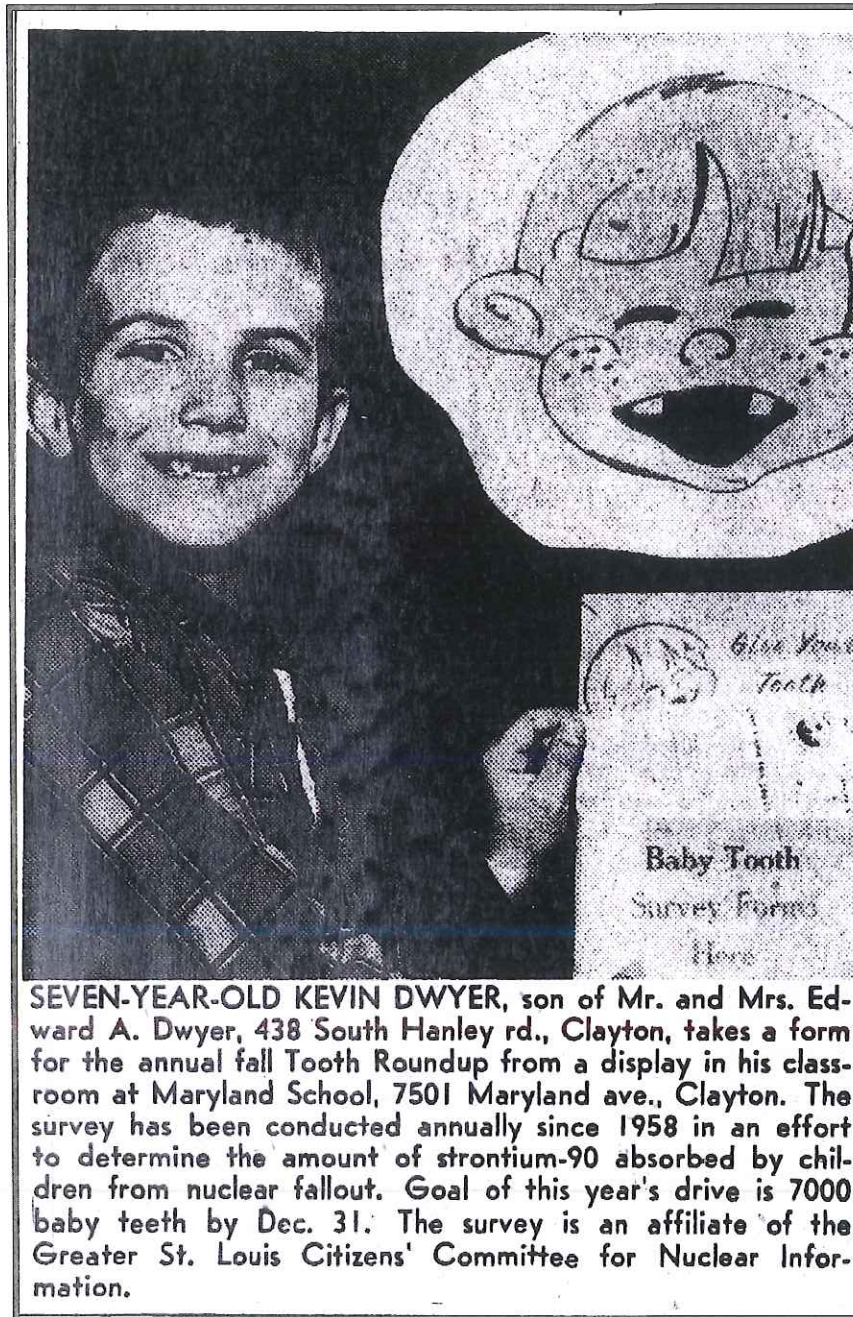
Unconcerned about his role in the world of science, but a contributor nevertheless, Russ Hoefler flashes a punctuated smile after donating two front teeth to the Baby Tooth Survey. His teeth, and 45,000 others collected thus far in a 10-year program, are being studied to determine the amount of strontium-90 from atomic fallout being absorbed in the bones and teeth of growing children. Working with primary-grade children, sponsors of the program hope to collect 10,000 teeth this year in city and county public schools.



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SEVEN-YEAR-OLD KEVIN DWYER, son of Mr. and Mrs. Edward A. Dwyer, 438 South Hanley rd., Clayton, takes a form for the annual fall Tooth Roundup from a display in his classroom at Maryland School, 7501 Maryland ave., Clayton. The survey has been conducted annually since 1958 in an effort to determine the amount of strontium-90 absorbed by children from nuclear fallout. Goal of this year's drive is 7000 baby teeth by Dec. 31. The survey is an affiliate of the Greater St. Louis Citizens' Committee for Nuclear Information.



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FOR DONATING TOOTH to the Baby Tooth Survey, Gerard Bax, 6, of 1050 St. Denis, Florissant, gets a free helicopter ride from the Mississippi Valley Helicopter Service. Strapping him in is chief pilot Jerry Branon. Gerard's tooth was good for the ride because it was the 100,000th to be given to the survey, which is conducting a study of strontium 90 absorption in St. Louis area children. —Globe-Democrat Photo



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ST. LOUIS POST-DISPATCH



By a Post-Dispatch Photographer

Anniversary of Baby Tooth Survey

Young patients at Children's Hospital blowing out candles at a party yesterday marking the fifth anniversary of the Baby Tooth Survey, a program under which teeth are analyzed for the amount of strontium 90, a radioactive isotope, they contain. VEILED PROPHET QUEEN ANNE NEWHARD (center) was hostess for the party, held in a playroom of the hospital. Beside her are LILLIAN TUCKER (left), 6-year-old daughter of Mrs. Hazel Tucker, 2912 North Nineteenth street, and JOHANNA LONG, 4-year-old daughter of Mrs. Patsy Long, Karnak, Ill.



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UPI Telephoto

Proof of Contribution

Denise Ellen Taylor, 5 years old, Fairbanks, Alaska, smiling broadly to prove she contributed the first tooth to the Alaskan Baby Tooth Survey, sponsored by the St. Louis Committee for Nuclear Information. The baby teeth are analyzed at Washington University School of Dentistry to determine their strontium 90 content as a result of fallout from nuclear testing. Alaska is the seventh state to participate in the survey. Baby teeth surveys are now going on in Missouri, Illinois, California, Louisiana, Michigan and Indiana.



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By a Post-Dispatch Photographer

Peggy Ann O'Neal

FRONT TOOTH BRINGS THEATER TICKETS TO 3

Peggy Ann O'Neal, 6 years old, lost a front tooth, but instead of placing it under her pillow she and her mother sent it to the Baby Tooth Survey in an envelope.

The tooth has brought free tickets for Peggy, her younger sister and her mother, Mrs. Lloyd O'Neal, 3942 Juniata street, to a performance of "The Wizard of Oz" at the Webster Groves Theater Guild.

Peggy's tooth was the 200,000th to be donated to the Baby Tooth Survey, 6144 Delmar boulevard, which has been collecting teeth for seven years to determine their strontium 90 content. The project is sponsored by the Committee for Nuclear Information and supported by a grant from the United States Public Health Service.

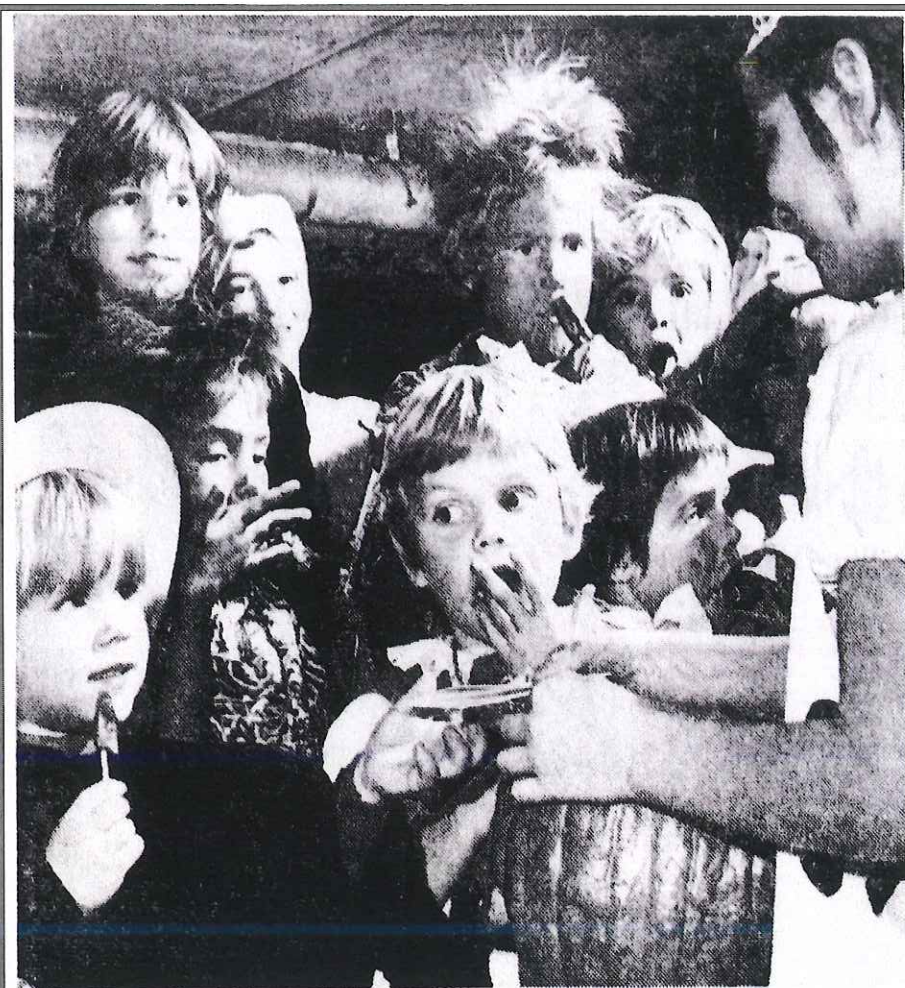
Mrs. O'Neal said that the tooth was the eighth Peggy had lost. All eight have been sent to the survey group. The child is a first grade pupil at Holy Family Catholic School.



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By a Post-Dispatch Photographer

Collecting Baby Teeth for Science

Wendy Goessling (left) forsakes witchcraft for science as she hands over her baby tooth to Amy Graf, the Tooth Fairy, at a special Halloween party to collect specimens for the continuing baby tooth survey by the Washington University Dental School. Wendy is the daughter of Mr. and Mrs. John G. Goessling, 6316 Waterman avenue, University City. The party was held at the Graf home, 6346 Waterman. Teeth donated by the children were placed inside a jack-o-lantern and sent to the dental school laboratories for a check on strontium-90, a nuclear fallout substance found in milk. More than 230,000 teeth have been tested in nearly eight years and 10,000 more are being sought in the current fall roundup.



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Walking on the Washington University campus, Barry Commoner talks about the purposes of science as Kummels films him and Battersby helps the cameraman move backward steadily. Commoner wears a hidden microphone; his voice is picked up on a recorder hung from Kummels's shoulder.

Betty Keener, a first grade pupil at Stix School in St. Louis, shows Battersby a gap where two baby teeth had been. She had brought the two missing incisors to class for mailing to Baby Tooth Survey office. Eventually, they will be compounded with other teeth for an average radioactivity count.

End

PICTURES—St. Louis Post-Dispatch, Sunday, January 1, 1967



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ON TODAY'S EDITORIAL PAGE

Money Rather Than People:
Editorial

Local Police and Federal Power:
By Ramsey Clark

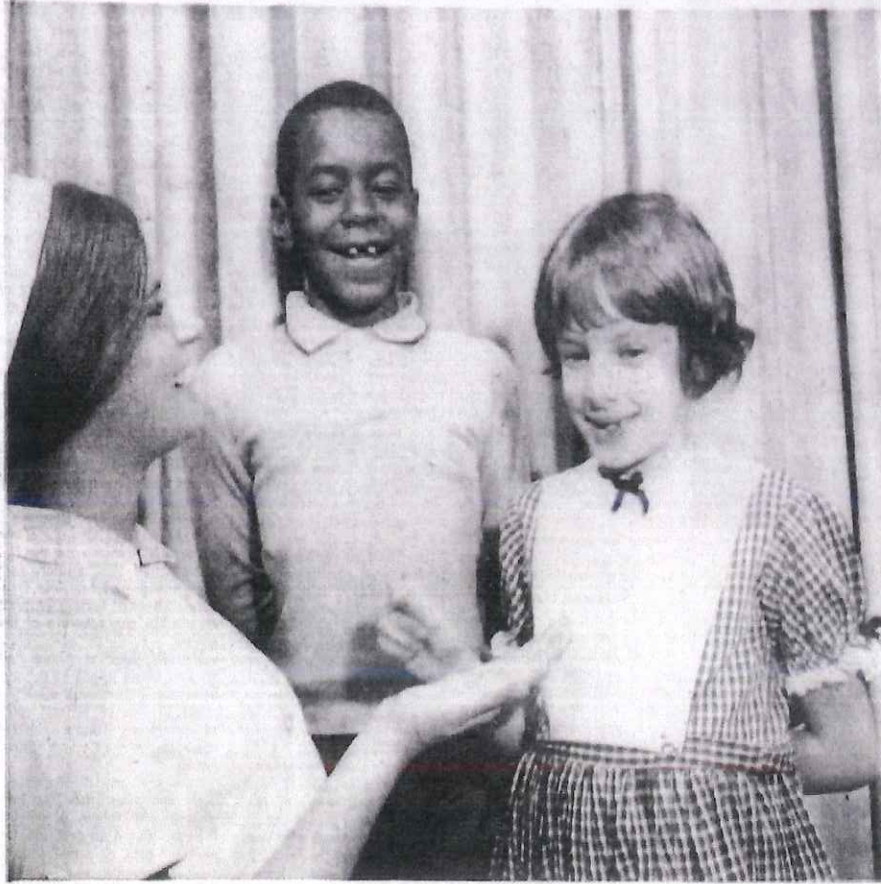
When Airlines Merge:
Editorial

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MONDAY, DECEMBER 11, 1967



Gift of Gap for Dental Survey

Disregard that song about two front teeth, Santa Louverson Pendleton and Marla Owens, handing over baby teeth to Miss Faye Grosman, a dental assistant at Wash-

ington University, for the Baby Tooth Survey, are much more interested in material gifts they hope to find under the Christmas tree this year.

By Lester Linnik, St. Louis Post-Dispatch Photographer

OVERTURNS BARRING RE DEFENSE P

Supreme Court Ruling on Ri Association

By JAMES C. MILLER
A Washington Correspondent
for the Post-Dispatch

WASHINGTON, Dec. 11.—The Supreme Court struck down today another section of the Internal Security Act of 1950, one which prohibited members of Communist-action organizations from working in defense plants.

By a 6-to-2 vote, the court declared that the provision violated the right of free speech protected by the First Amendment to the Constitution.

Chief Justice Earl Warren wrote the opinion, which declared: "It would be in the name of national defense if we would sanction the restriction of one of those freedoms which makes the definition of national defense worthwhile."

Dissent by Justice Byron R. White. Justice Byron R. White, in a dissent, joined by Justice John M. Harlan, cautioned that "judges should be wary of dealing with problems of national security. While the court's basic ruling is that 'the right of free speech is not mentioned in the Constitution' and should be construed with great care, another case con-



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Posters In Tooth Survey Contest

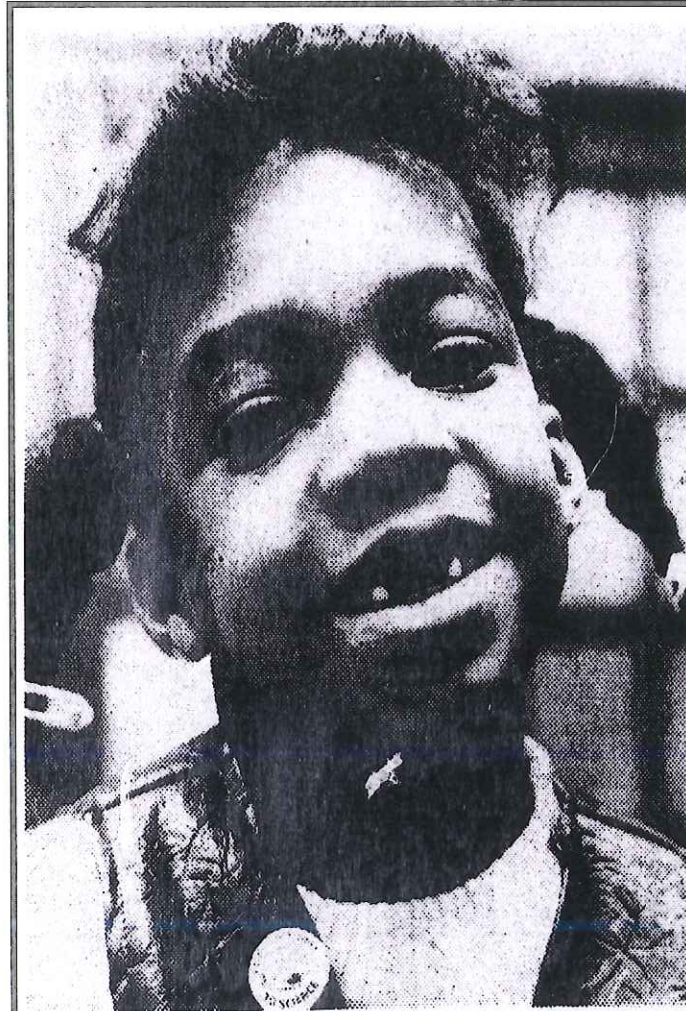
Mark Antel, left foreground, a senior at Washington University, and Kathy Quigley, a junior at Sherwood Day School, hanging posters entered in a contest sponsored by the annual Baby Tooth Survey conducted by the Committee for Environmental Information. The posters are in the basement of the CEI building at 438 North Skinker boulevard. Children from St. Louis area schools made the posters for the contest. A winner will be chosen next Sunday. Baby teeth collected in the annual survey are used for research. (Post-Dispatch Photograph)



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COMMUNICATION GAP: Gege Nick may have a little trouble with pronunciation these days, but her button explains that she gave her missing teeth to science. The annual Baby Tooth Survey, used to monitor the presence of radioactive strontium 90, began yesterday. Teeth and information forms are being sent to Operation Tooth, Box 222, Clayton. (Post-Dispatch Photo)



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By a Post-Dispatch Photographer

Hunting for Baby Teeth in Fire Ruins

Baby Tooth Survey organization members sifting through the debris of a fire which destroyed their office at 5144 Delmar boulevard in a search for salvageable baby teeth. From left: Taghi Farvar, a survey project worker; Mrs.

Leo Romero, production editor for Scientist and Citizen, the survey's journal, and Milton Leitenberg, survey scientific director.



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2 F Sun., Jan. 14, 1968 ST. LOUIS POST-DISPATCH



By a Post-Dispatch Photographer

Seeking Baby-Tooth Survey Documents

Salvaging literature and documents from the burned-out library of the Baby Tooth Survey are (from left) Milton Leitenberg, science director of the Committee for Environmental Information; Miss Tonia Felix, secretary, and Edgar Schmidt, a volunteer worker. Since fire destroyed the building at 5144 Delmar boulevard Jan. 6 workers

as possible. The teeth are used to determine the amount of strontium-90 present in human beings as the result of nuclear explosions. Some baby teeth are still encased in ice but the effort yesterday was directed toward the recovery of back copies of the committee's monthly publication, research papers and the like.



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Protecting People



Barry Commoner



By a Post-Dispatch Photographer

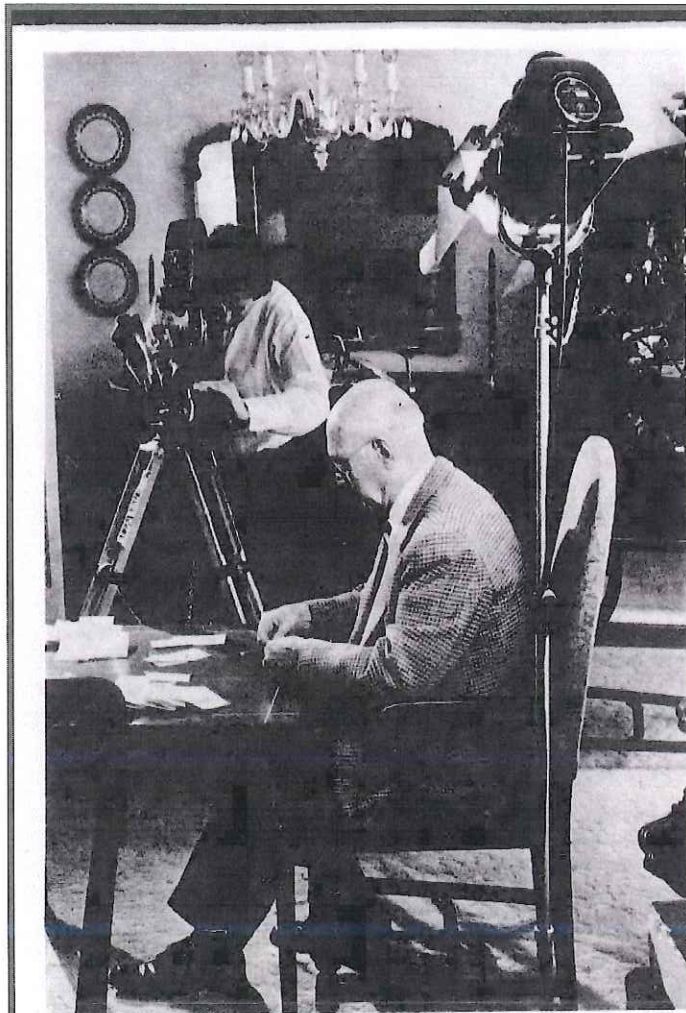
Mrs. George Gellhorn



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Science for Survival

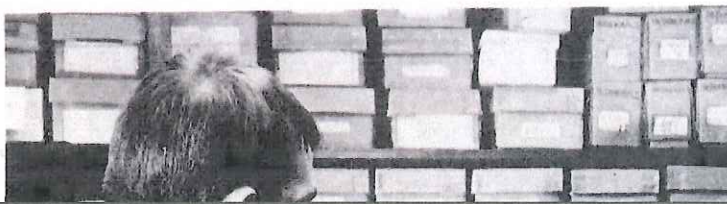
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Barry Commoner has an international reputation not only as a biologist but also as a stern critic of nuclear testing in the atmosphere by any country. He is known as a founder and officer of the Greater St. Louis Citizens' Committee for Nuclear Information. One activity of the committee is its unique Baby Tooth Survey, through which milk teeth of thousands of children here and around the United States are collected to determine their accumulations during infancy of strontium 90. This material is a radioactive isotope of the element strontium, which issues from nuclear blasts above ground, spreads through the air and reaches man's bones and teeth through his foods, particularly milk products. Infants accumulate more strontium 90 than adults, because it is more readily absorbed during calcification of bones and teeth. Sufficiently intense and prolonged radiation is believed to cause bone cancer and leukemia.

Results of the survey, conducted since 1958, have shown peak figures for strontium 90 in baby teeth formed about two years after periods of intense nuclear testing.

A measure of the interest in the Baby Tooth Survey and Commoner was a recent two-day visit to St. Louis by a television producer-director and cameraman for the British Broadcasting Corporation. This team spent a day filming operations of the survey and a day filming Commoner, whose opinions on nuclear testing, pollution of natural surroundings and biological "holism" were recorded. Segments of these films will appear in a BBC television program on new directions and attitudes in science.

One of the scenes filmed in St. Louis by the BBC shows J. Findley Smartt, a retired dentist, classifying milk teeth according to type for the Baby Tooth Survey. Karl Kummels, the cameraman, focuses on Dr. Smartt removing a tooth from an envelope in his University City apartment. Since 1958, Dr. Smartt has classified about 15,000 teeth for the survey.



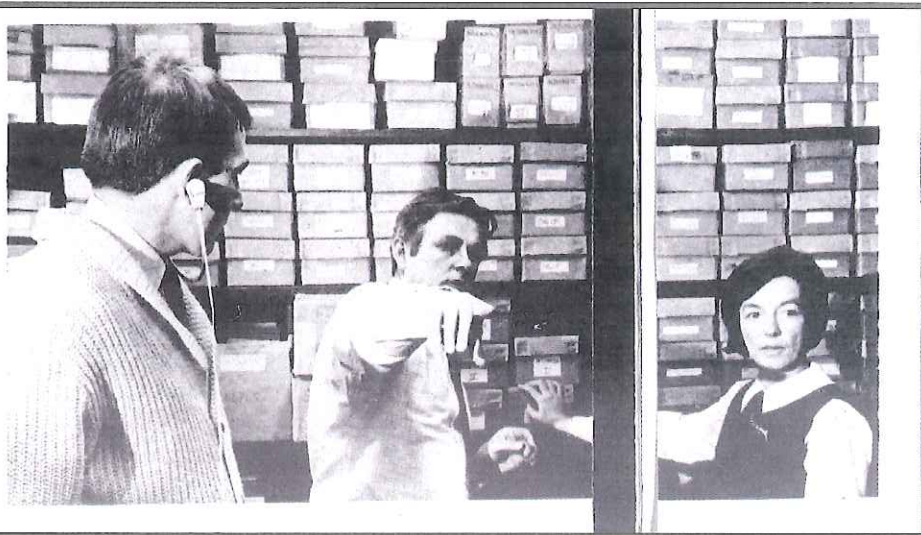
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In the office of the Baby Tooth Survey, Kummels shows Mrs. Sophia Goodman where he wants her to walk while she is on camera describing mailing procedures. Mrs. Goodman is executive secretary of the survey. Roy Battlesby, the producer of the BBC science program involving Commoner and the survey, is at left, wearing a tape recorder monitor. In the background are boxes of baby teeth that were sent in from various states and cities.



6 PICTURES—St. Louis Post-Dispatch, Sunday, January 1, 1967

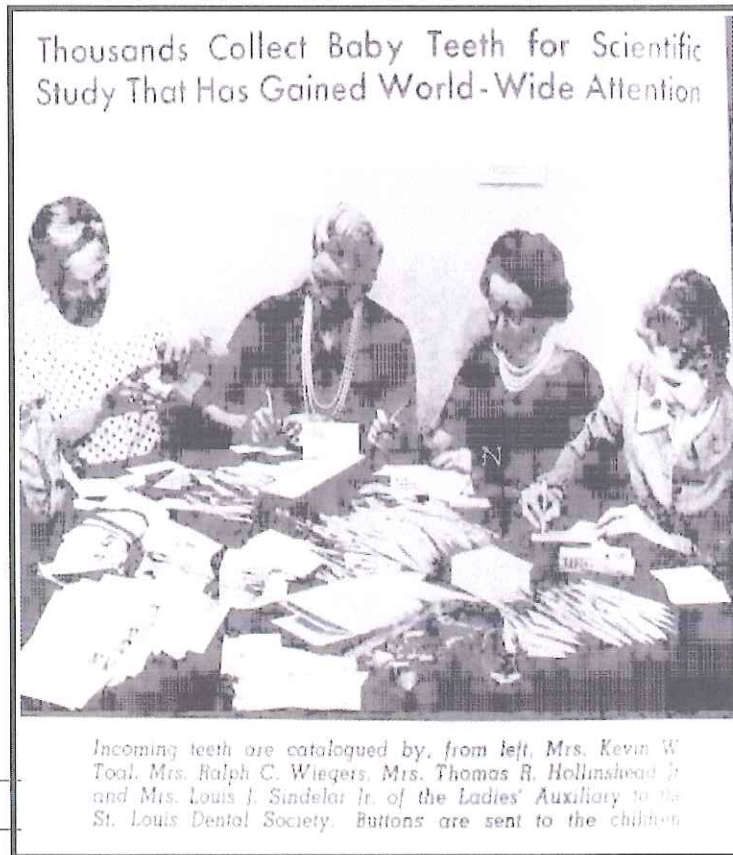


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