

Episode 56JG September 27, 2023. We don't talk about Indoor Residential Wood Burning, like we don't talk about Bruno. Lyrics to "We don't talk about Bruno" Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, and retitled "We don't talk about Indoor Residential Wood Burning". We don't talk about Indoor Residential Wood Burning Pollution (a concern of Residents Against Wood Smoke Emission Particulates or RAWSEP), no, no, no! No clouds allowed in the sky (although they are there, this time from Canadian Wildfires.) Residents Against Wood Smoke Emission Particulates walks in. Thunder! Residents Against Wood Smoke Emission Particulates says, "the PurpleAir PM2.5 monitor shows a level above National Ambient Air Quality Standards from Indoor Residential Wood Burning Particulates in the yards of near neighbors! PM2.5 particulates of 2.5 micrometer size, are the perfect size to infiltrate the human lung, setting off a cascade of human health problems and early deaths! Wood smoke is 90% PM2.5 and wood burning emits more PM2.5 and CO2 than coal burning! (By the way, replacing coal burning power plants with wood burning power plants only gets us closer to harmful climate change, not farther away!) CO2 hastens climate change. Hyper localized PM2.5 monitors pick up what human senses close to a wood fire sense, and hyper localized PM2.5 monitors warn us that we are breathing in unsafe levels of particulates if we are near indoor residential wood burning. Just stop burning wood and other solid fuels like coal. Move to clean ways of home heating such as Heat Pumps that work at 40 degrees below zero Fahrenheit and are powered by a smart electric grid reaching even into rural areas powered by wind, solar and geothermal, that are becoming cheaper every day, and which costs to consumers are subsidized in 2023 by the Federal Government. RAWSEP is writing a grant to distribute PM2.5 monitors and Heat Pumps in your community." Why did she tell us? In doing so, she floods my brain. Always left Grandmother and the family fumbling, Grappling with prophecies they couldn't understand. Yeah, she sees your dreams And feasts on your screams (hey!) Your fate is sealed when your prophecy is read! She told me that the life of my dreams, with clean air and no wood smoke burning my eyes and causing cataracts, would be promised, and someday be mine. Yeah, about that RAWSEP... I really need to know about RAWSEP... Gimmie the truth and the whole truth, RAWSEP. When she calls your name (and there wasn't a cloud in the sky, before). It all fades to black (no clouds allowed in the sky!) Not a word about RAWSEP! I never should've brought up RAWSEP!



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<https://youtu.be/JH6WsnQ-d2o?si=pJt6kyV5MLf7UFR0> What killed canaries in Coal Mines? United Kingdom, From 1911 to 1986 Canaries in a Coal Mine were used for Carbon Monoxide detection in British mines. In 1986 legislation mandated that Canaries be replaced by Carbon Monoxide Detectors. The miners missed whistling to the birds and treating them as pets. Forbes. The Canary In The Coal Mine Isn't Ancient History. December 31,2019. <https://www.forbes.com/sites/kionasmith/2019/12/31/the-canary-in-the-coal-mine-isnt-ancient-history/?sh=738b25e44393> Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates. As late as 1986, many British Coal Miners were still relying on canaries to detect dangerous carbon monoxide fumes in the mines. The birds are a cliché now, but they were a practical reality within the lifetimes of many of you reading this in 2019. British legislation officially ordered miners to replace canaries with electronic carbon monoxide sensors on December 30, 1986, although miners had about a year to phase out the last 200 canaries still in use in Britain's coal mines. Coal miners face many constant dangers: cave-ins, explosions, fires, and dangerous gases like carbon monoxide. The gas is odorless, colorless, and tends to replace oxygen molecules in the bloodstream, which keeps actual oxygen molecules from reaching organs and tissues. At first, carbon monoxide poisoning just causes a mild headache, dizziness, and shortness of breath, but it can quickly become fatal. And because burning coal and wood is a perfect way to release carbon monoxide into the air, coal miners are especially at risk. But canaries, it turns out, are much more sensitive to carbon monoxide and other poisonous gases than humans. Around 1911, miners started carrying canaries into the mines with them, and they quickly became a metaphor for warning signs – when the canary keels over, it's time to evacuate the mine before you become the next victim. By 1986, though, only about 200 canaries were still being carried into British coal mines. The new digital detectors were cheaper and more effective.. Miners missed “whistling to the birds and coaxing them as they worked, treating them as pets,” reported the BBC in 1986, describing miners “saddened” by the decision. Wiki: **Canaries were iconically used in coal mines to detect the presence of carbon monoxide**. The bird's rapid breathing rate, small size, and high metabolism, compared to the miners, led birds in dangerous mines to succumb before the miners, thereby giving the miners time to take action. Try not to malign the miners, maybe miners, like firefighters today, caught the canaries as they fell from their perches and rescued everyone, every time! RAWSEP uses the iconography of a “canary in a coal mine” to stand in as sentinels of danger from PM2.5 and Carbon Dioxide from indoor residential wood burning, which affects the health and shortens the lives of near neighbors of the wood burner. In the present day, either the near neighbors are the “canaries in a coal mine” or the PM2.5 monitors hung from the eaves of the homes of the near neighbors are the “canaries in a coal mine”. The near neighbors would prefer that the “canaries” be PurpleAir PM2.5 monitors handed out by the government to any near neighbor of an indoor residential wood burner whose polluting smoke enters the yards of the near neighbors. Who then would be left to take action? The near neighbors, who would alert their local Health Department to the dangerous emissions (violating federal National Ambient Air Quality Standards (NAAQS) now set in 2023 at 35 micrograms per cubic meter of PM2.5). PM2.5 is particulate matter of 2.5 micrometer size, the perfect size to infiltrate the human lung, setting off a cascade of human health problems and early deaths. Grant to distribute PM2.5 monitors and Heat Pumps. <https://rawsepresidents.wordpress.com>. <https://youtu.be/JH6WsnQ-d2o?si=pJt6kyV5MLf7UFR0>

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