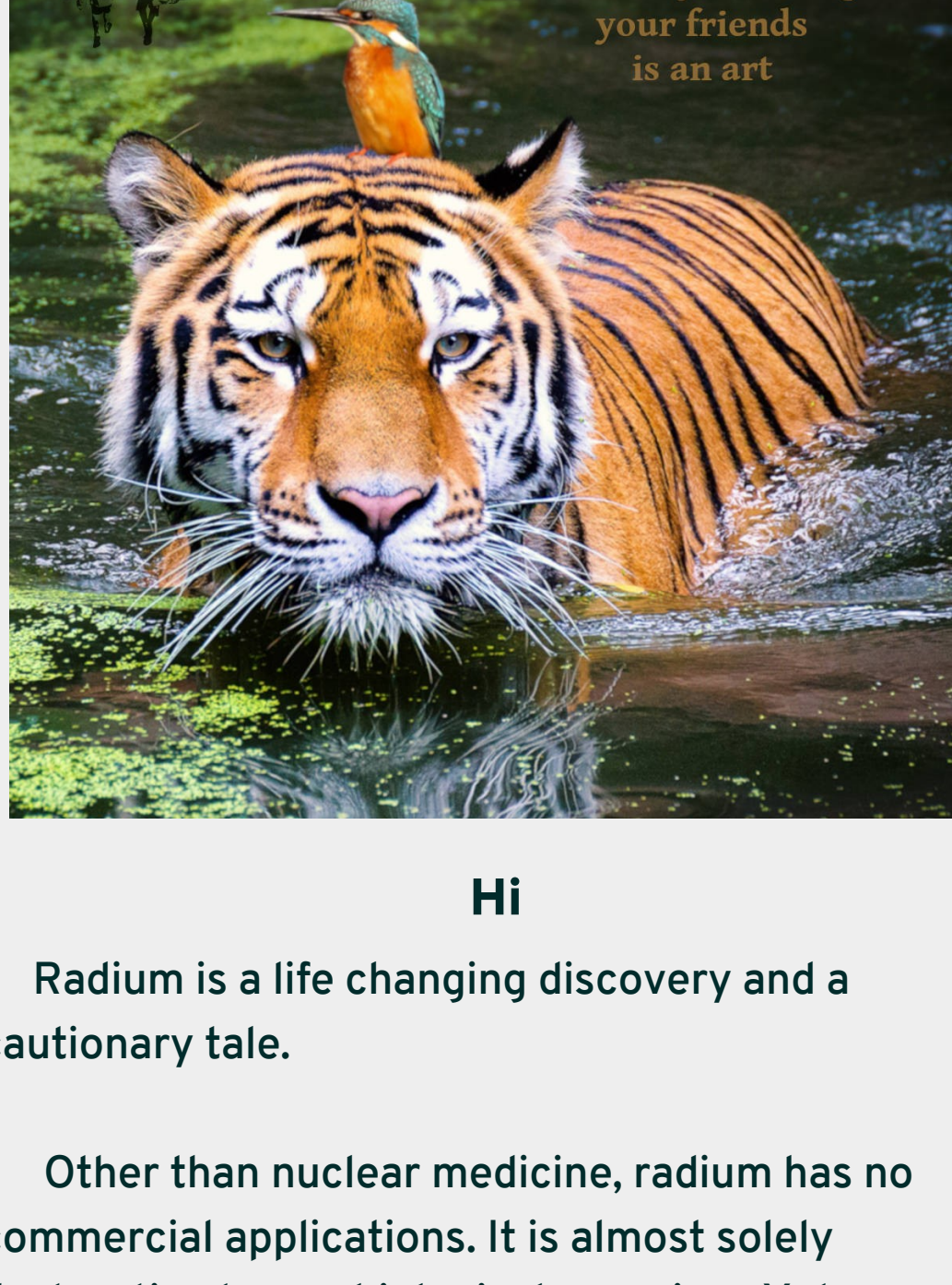


Change Happens

Have a great day,
find your way



Hi

Radium is a life changing discovery and a cautionary tale.

Other than nuclear medicine, radium has no commercial applications. It is almost solely destructive to any biological organism. Yet, radium and its offshoot discoveries have saved countless lives.

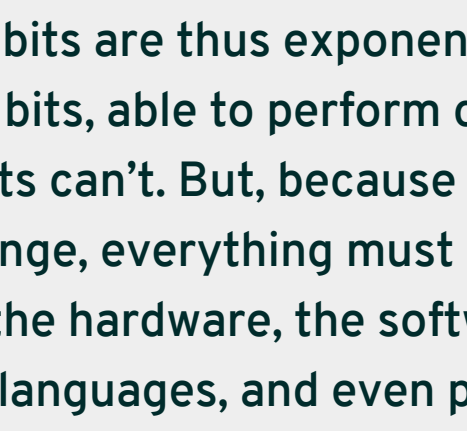
We didn't create it, we discovered it. We learned it was dangerous and moved away from it. That worked out.

We are in the midst of creating a new way of computing data. A manifestly new way of manipulating, storing, connecting and disseminating data. And the consensus is that we don't really know how this new way works, and probably never will. We think our algorithms will tame it.

Something is being created, and we hope to discover it when we are finished. This should be exciting.

We are building a bridge to somewhere

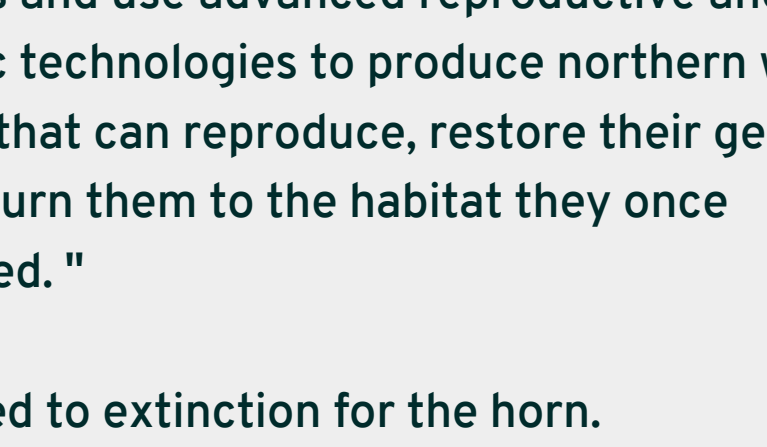
The World-Changing Race to Develop the Quantum Computer



" Classical computers speak in the language of bits, which take values of zero and one. Quantum computers, like the ones Google is building, use qubits, which can take a value of zero or one, and also a complex combination of zero and one at the same time. Qubits are thus exponentially more powerful than bits, able to perform calculations that normal bits can't. But, because of this elemental change, everything must be redeveloped: the hardware, the software, the programming languages, and even programmers' approach to problems. "

Gone

Return of the rhino: can we bring the northern white back from extinction?

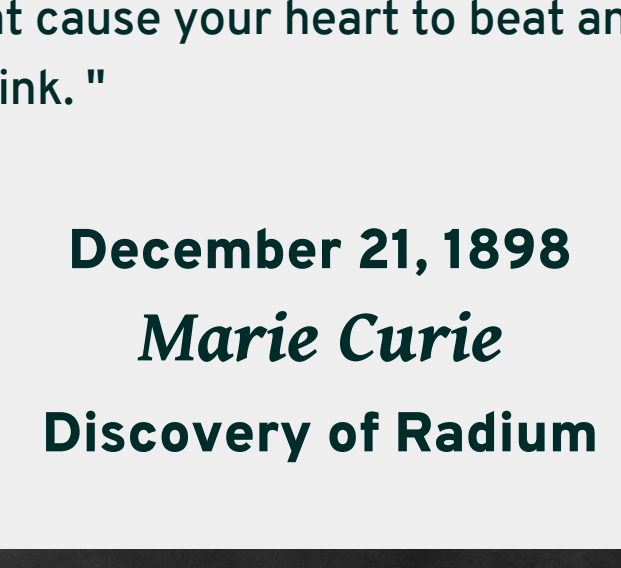


" Ryder's self-professed "extremely ambitious and challenging goal" is to take a functionally extinct species and use advanced reproductive and genetic technologies to produce northern white rhinos that can reproduce, restore their gene pool and return them to the habitat they once occupied. "

Poached to extinction for the horn.

We carry the sea

Vital for life, heat and power – what you never knew about salt water



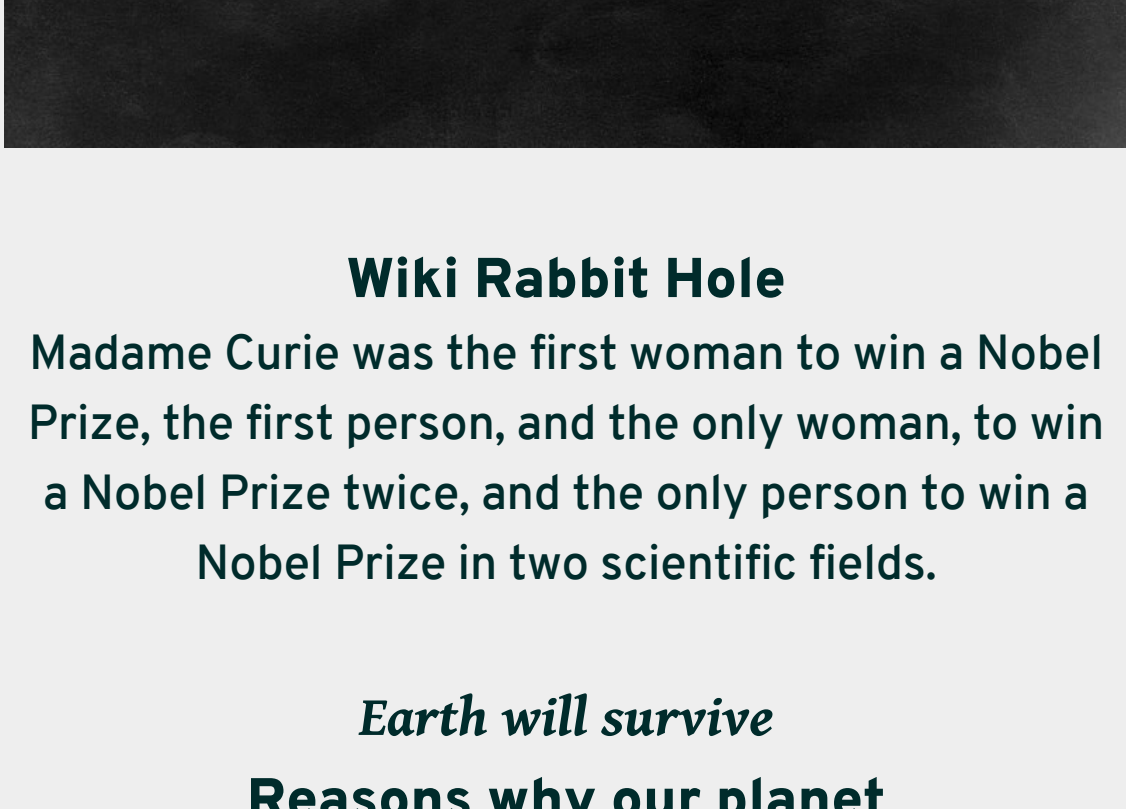
" Salt water is literally the most common substance on the surface of Earth, and it's really important – for life and for the planet. "

" Your body uses salt water to send the electrical signals that cause your heart to beat and your brain to think. "

December 21, 1898

Marie Curie

Discovery of Radium

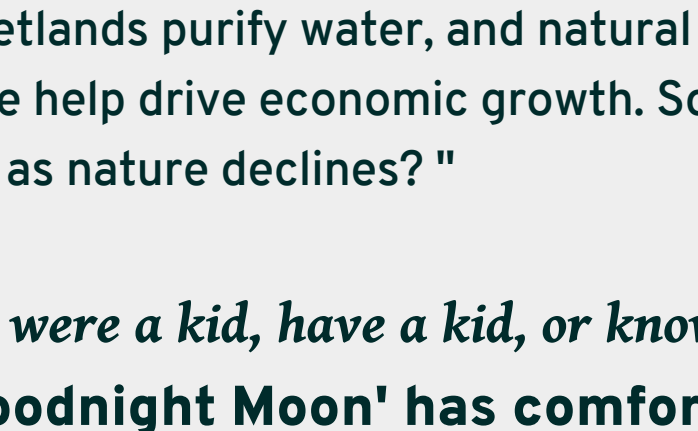


Wiki Rabbit Hole

Madame Curie was the first woman to win a Nobel Prize, the first person, and the only woman, to win a Nobel Prize twice, and the only person to win a Nobel Prize in two scientific fields.

Earth will survive

Reasons why our planet might not be doomed after all



" 5) Financial institutes are paying attention – and understanding that declining ecosystems hurt their investments. Roughly half of the world's total economic output is dependent on ecosystems and wildlife in some way, according to the World Economic Forum. Insects pollinate commercial crops, wetlands purify water, and natural services like these help drive economic growth. So what happens as nature declines? "

If you were a kid, have a kid, or know a kid

'Goodnight Moon' has comforted kids at bedtime for 75 years

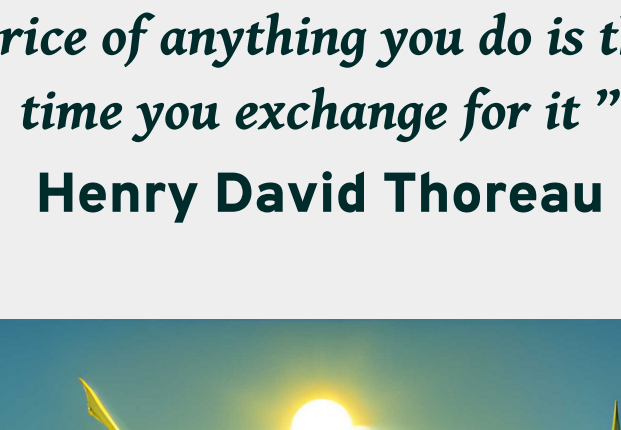


'Good night stars and good night air. Good night noises everywhere.'

The snowflake remains the same

No Two Alike:

The First Photos of Snowflakes

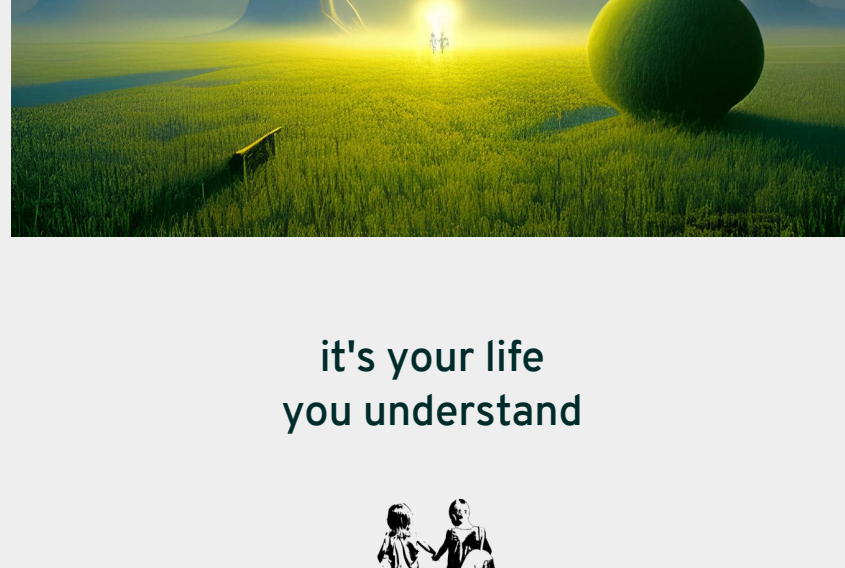


" In the late 1800s, a self-educated Vermont farmer by the name of Wilson Bentley made the first successful image, or 'photomicrograph,' of a single snowflake. He used a bellows camera attached to a microscope. "

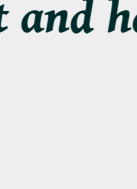
" Some of Bentley's striking work was published in National Geographic magazine in 1904. Another series of his images ran in 1923, highlighting the delicate beauty and unique geometry of snow crystals. "

" The true price of anything you do is the amount of time you exchange for it "

Henry David Thoreau



it's your life
you understand



Please feel free to forward [Change Happens](#) to anyone you think might enjoy it and have a most excellent day