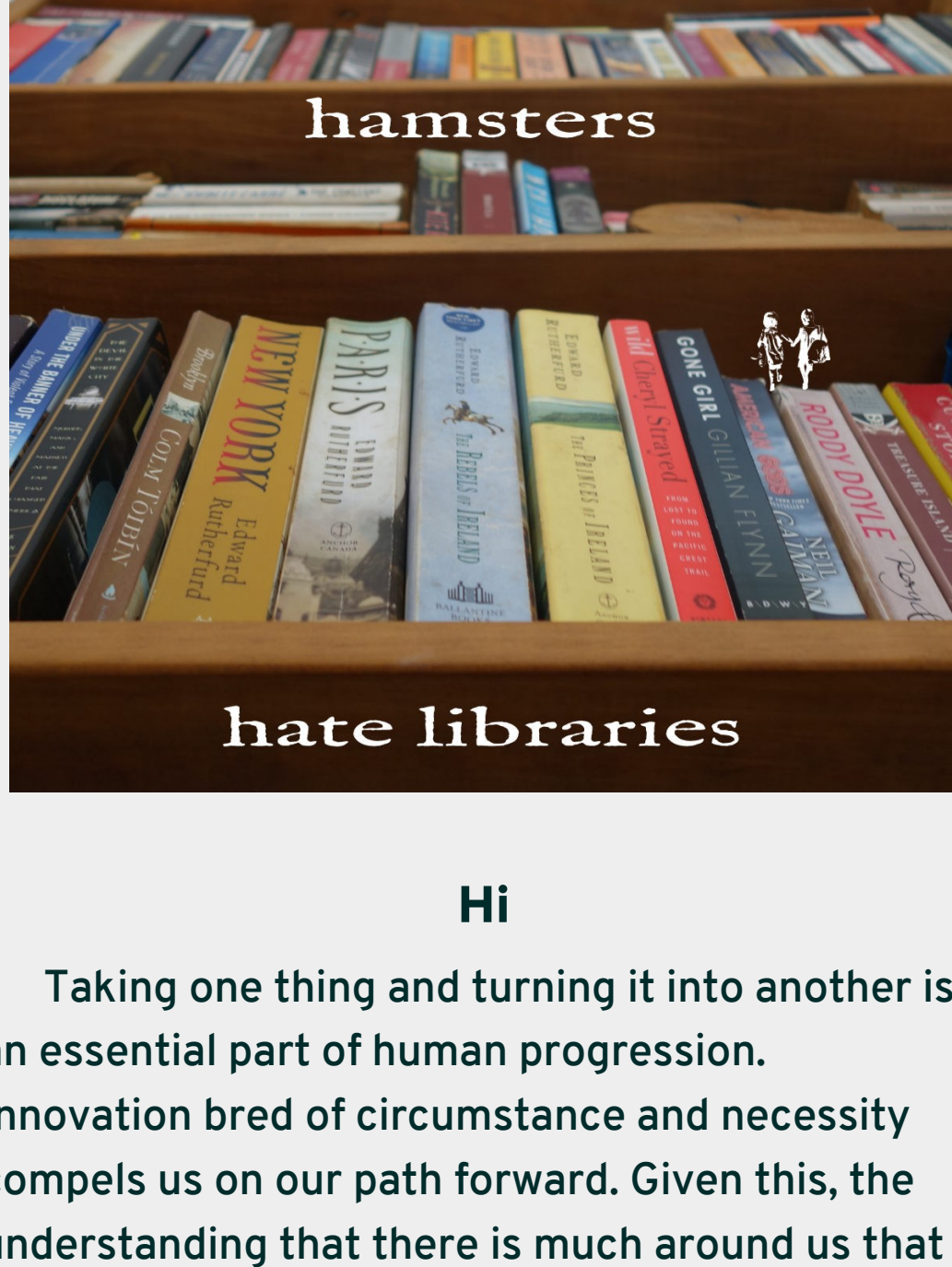


Change Happens

Have a great day,
find your way



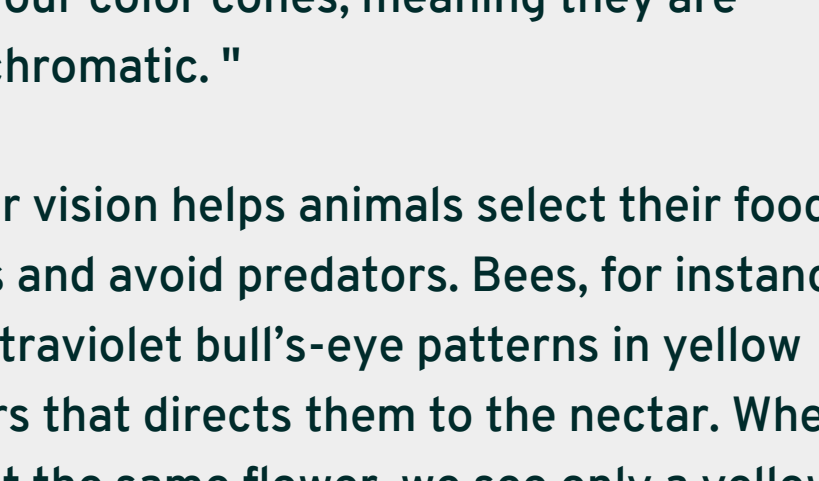
Hi

Taking one thing and turning it into another is an essential part of human progression. Innovation bred of circumstance and necessity compels us on our path forward. Given this, the understanding that there is much around us that we simply can't see is cause for optimism and concern.

Why don't we see what the hummingbird sees? Our survival dictates are different, so our evolutions have forged different paths, but what are we not seeing?

Maybe it doesn't matter – it's possible we would be overwhelmed if we saw too much. It seems we evolved to see only to our needs. I am curious to see beyond my needs.

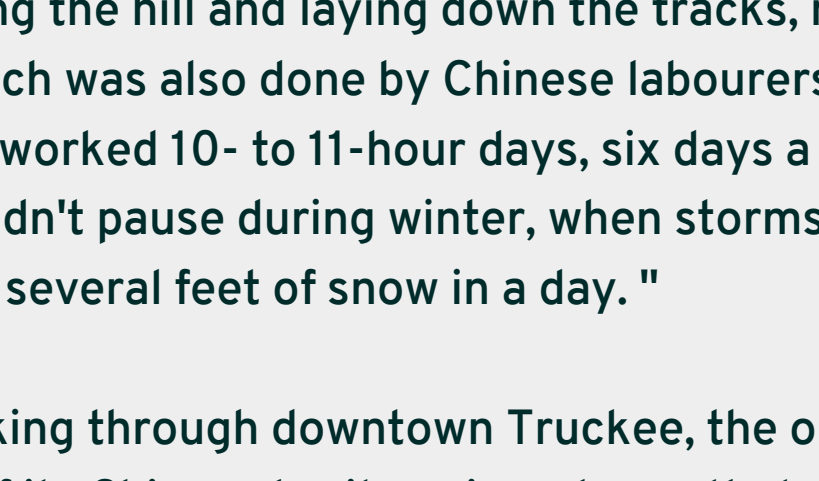
We see what survival dictates
Hummingbirds see colors we can't even imagine



" Scientists have long known that birds probably have better color vision than humans do. Like most primates, humans are trichromatic—that is, our eyes have three types of color-sensitive receptors or cones: blue, green, and red. But birds have four color cones, meaning they are tetrachromatic. "

" Color vision helps animals select their food and mates and avoid predators. Bees, for instance, can see ultraviolet bull's-eye patterns in yellow flowers that directs them to the nectar. When we look at the same flower, we see only a yellow blossom. "

The debts we owe
How the Transcontinental railroad forever changed the US

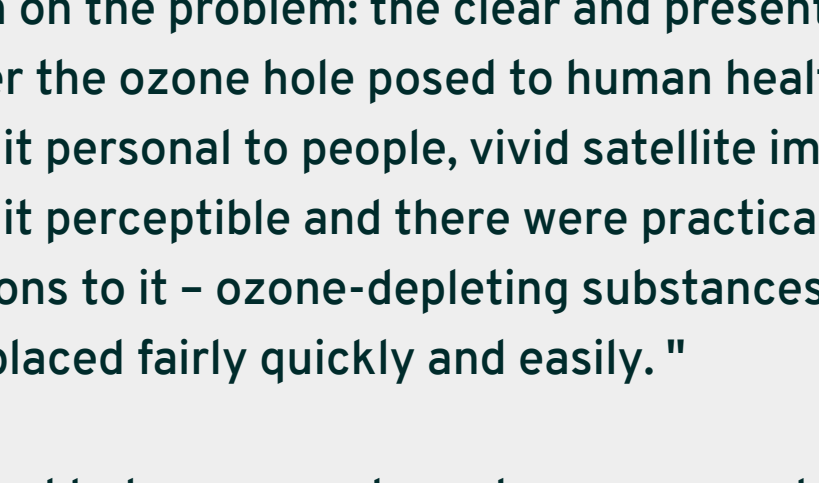


" It was the greatest engineering enterprise of the 19th Century' "

" Establishing that route meant clearing the brush, grading the hill and laying down the tracks, most of which was also done by Chinese labourers. They often worked 10- to 11-hour days, six days a week, and didn't pause during winter, when storms could dump several feet of snow in a day. "

" Walking through downtown Truckee, the only hint of its Chinese heritage is a plaque that marks a brick building that once housed a Chinese herbal shop. "

Repairs are possible
What happened to the world's ozone hole?



" The serious threat posed by ozone depletion – rises in skin cancer and cataracts in humans, harm to plant growth, agricultural crops and animals and reproductive problems in fish, crabs, frogs and phytoplankton, the basis of the marine food chain – spurred international action and collaboration. "

" Solomon credits three factors for the swift action on the problem: the clear and present danger the ozone hole posed to human health made it personal to people, vivid satellite imagery made it perceptible and there were practical solutions to it – ozone-depleting substances could be replaced fairly quickly and easily. "

" It's sad to have wound up where we are, stalled on climate action, still talking about what we might do, when there's such a clear example to learn from. "

January 7, 1927
Transatlantic Communication

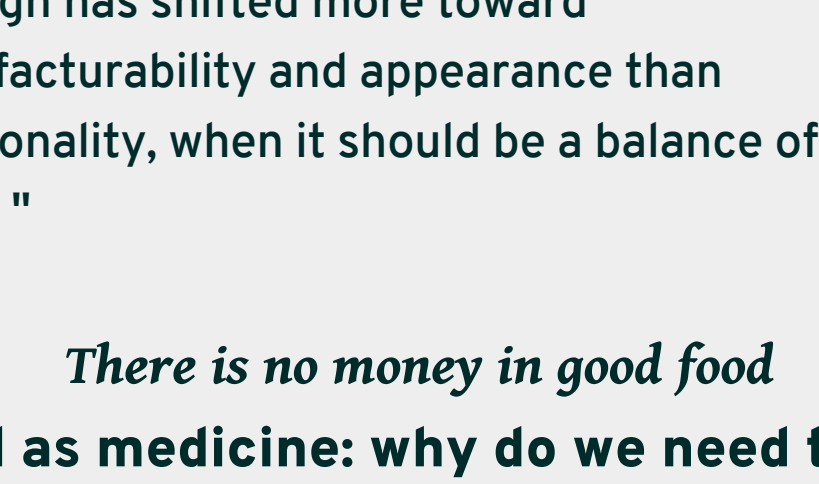
Globalization Begins in Earnest



Wiki Rabbit Hole

W. S. Gifford, president of the American Telephone & Telegraph Company, called Evelyn P. Murray to test the first commercial telephone line across the Atlantic Ocean.

Built not to last
Your stuff is actually worse now

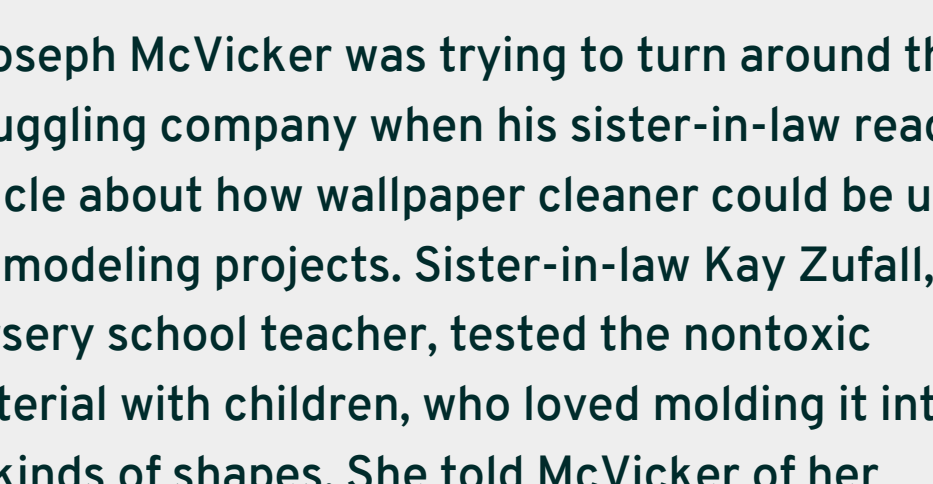


" It was around this period that advertising heavyweight Earnest Elmo Calkins laid out a selling strategy that came to define purchasing habits for the next century: “consumer engineering,” or how advertisers and designers could artificially create demand, often by making older objects seem undesirable. "

" Consumers are buying five times more clothing than they did back in the 1980s. In order to produce goods that fast, both the quality of the item and the quality of life for workers have to take a hit. "

" Design has shifted more toward manufacturability and appearance than functionality, when it should be a balance of all three. "

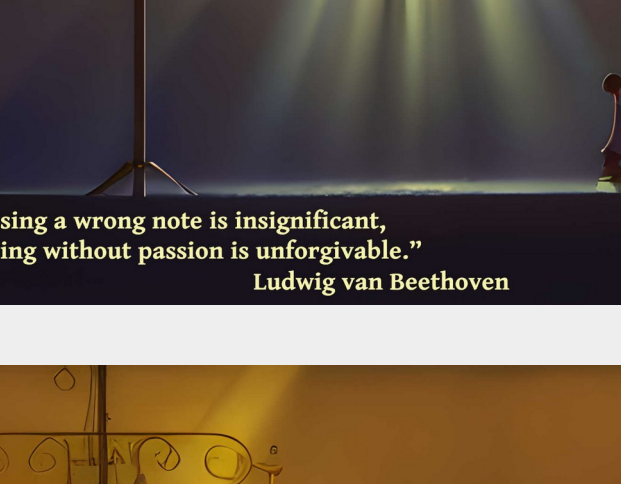
There is no money in good food
Food as medicine: why do we need to eat so many vegetables and what does a serve actually look like?



" Diets higher in fat, sugar and grains are generally more affordable than the recommended healthy diets high in fruit and veg. "

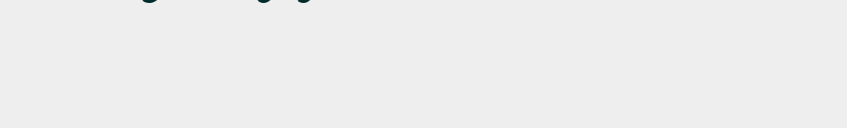
This is very difficult to achieve

Repurposed into every childhood
The Accidental Invention of Play-Doh



" Joseph McVicker was trying to turn around the struggling company when his sister-in-law read an article about how wallpaper cleaner could be used for modeling projects. Sister-in-law Kay Zufall, a nursery school teacher, tested the nontoxic material with children, who loved molding it into all kinds of shapes. She told McVicker of her discovery and even suggested a new name: Play-Doh. "

“To sing a wrong note is insignificant, but to sing without passion is unforgivable.”
Ludwig van Beethoven



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