

# Change Happens

Have a great day,  
find your way

## The Alien Life



Aimlessly floating about, Ivan now realized that, "Take your best shot buddy," was the wrong thing to say to a powerful wizard.

Hi

*Should wisdom not temper regret?*

From time to time  
I have found  
a foolish hill to climb

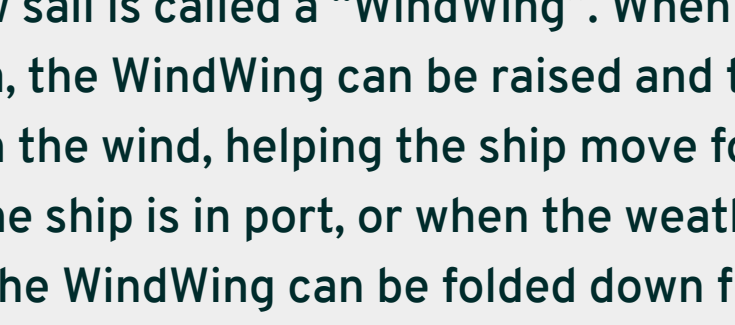
Rarely have I needed  
to reach the summit  
to know I have been undone

But to finish the journey,  
I must see where I am  
to know where I'm going

There's no meaning  
in learning nothing  
at the end of a climb  
simply because  
I don't like the view

*Back to the future*

## High-Tech Sails for Modern Cargo Ships

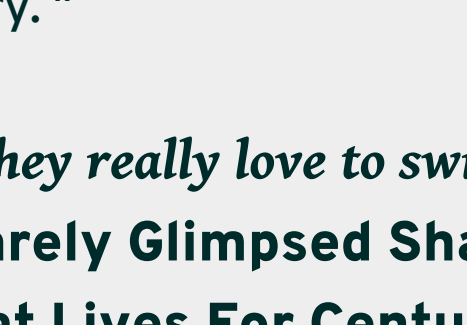


" On August 21, a cargo ship traveling from Singapore to Brazil became the first to try out a new kind of sail. The sail is expected to save fuel and cut pollution. If it works well, similar sails could become common on cargo ships over the next few years.

The new sail is called a "WindWing". When the ship is at sea, the WindWing can be raised and turned to catch the wind, helping the ship move forward. When the ship is in port, or when the weather is rough, the WindWing can be folded down flat on the ship's deck. "

*This is all kinds of bizarre*

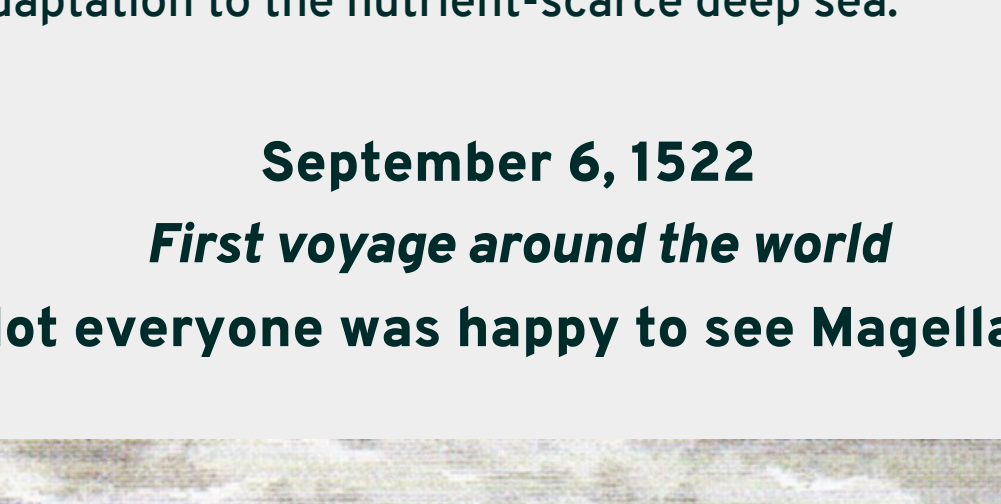
## Watch a Baby Chimpanzee Explore Coney Island in 1936



" By 1936, visitors to Coney Island were used to seeing strange sights on the boardwalk and in the amusement park. In 1903, premature babies in incubators were put on public display as part of a questionable sideshow. Other attractions from the area's early history include an elephant-shaped hotel, a deadly Teddy Roosevelt-inspired roller coaster, and a ride that sent passengers to hell. Shorty the chimp would have fit right into the bizarre scenery. "

*They really love to swim*

## Rarely Glimpsed Shark That Lives For Centuries



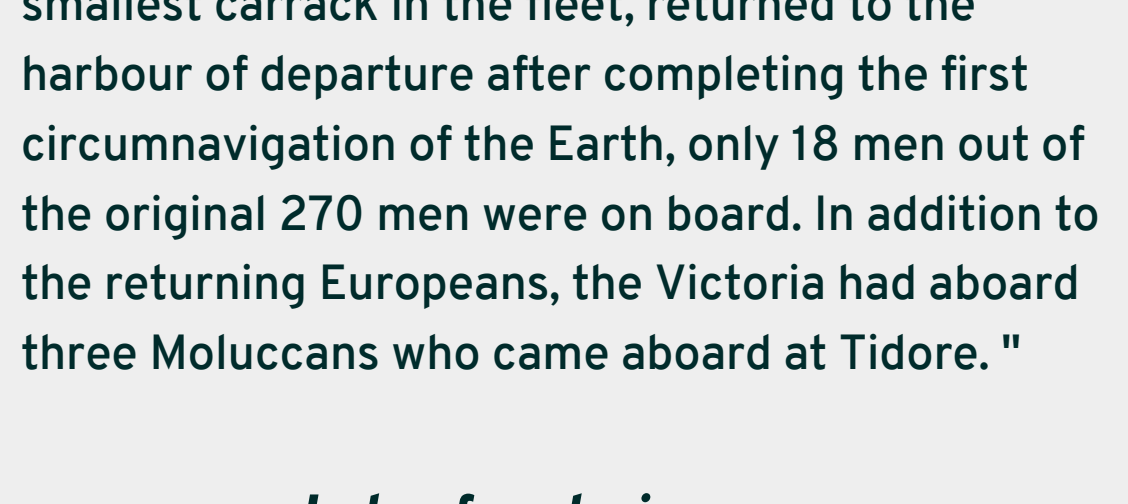
" Greenland sharks are the longest-living vertebrates on Earth, with an astonishing lifespan of 250 – 500 years, according to the National Ocean Service.

The sharks live thousands of feet underwater in pitch darkness and are rarely seen or photographed, and little detail is known of their incredibly long lives. In the depths of the water, they grow, move, and age slowly. Their energy-conserving, slow-paced lifestyle is an essential adaptation to the nutrient-scarce deep sea. "

**September 6, 1522**

## First voyage around the world

**Not everyone was happy to see Magellan**

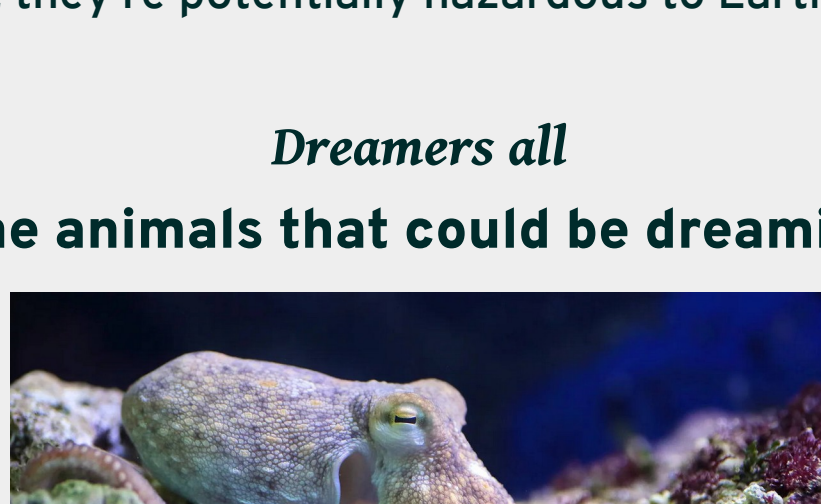


## Wiki Rabbit Hole

" When Victoria, the one surviving ship and the smallest carrack in the fleet, returned to the harbour of departure after completing the first circumnavigation of the Earth, only 18 men out of the original 270 men were on board. In addition to the returning Europeans, the Victoria had aboard three Moluccans who came aboard at Tidore. "

*Lots of rocks in space*

## Algorithm finds a potentially hazardous asteroid missed by NASA



" To find potentially hazardous asteroids, NASA conducts regular surveys of the night sky. Computer algorithms then hunt through the telescope images, looking for objects that appear to be moving.

The software can then predict the orbits of any newly identified asteroids to determine whether or not they're potentially hazardous to Earth. "

*Dreamers all*

## The animals that could be dreaming

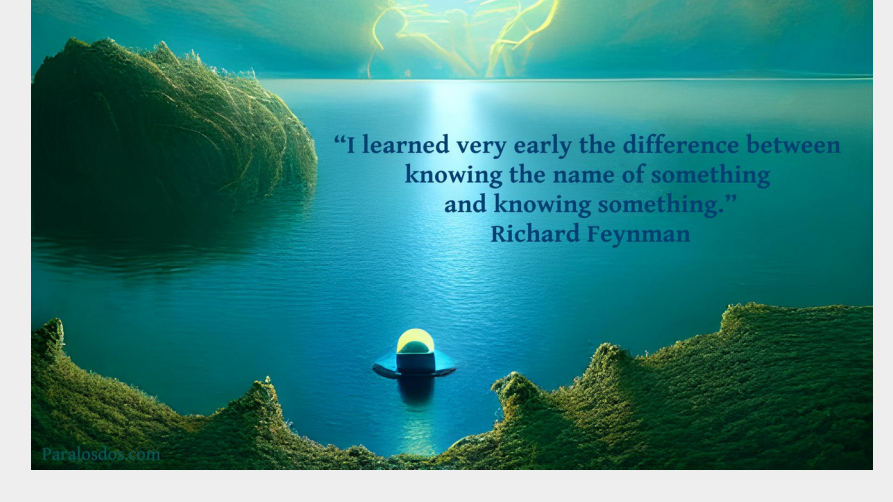


" There's still debate over what REM is even for. 'No one really knows what the function of sleep is – non-REM or REM,' says Paul Shaw, a neuroscientist at Washington University in St Louis. One of the most accepted ideas is that REM helps the brain to form and reorganise memories; other theories are that REM supports brain development, aids in developing the body's movement systems, maintains the circuitry needed for waking activities so they don't degrade during sleep, or boosts brain temperature.

But if REM turns out to be present in far-flung species within the animal kingdom, that suggests its role, whatever it may be, could be very important, Iglesias says. "

*These eyes are not bigger than this stomach*

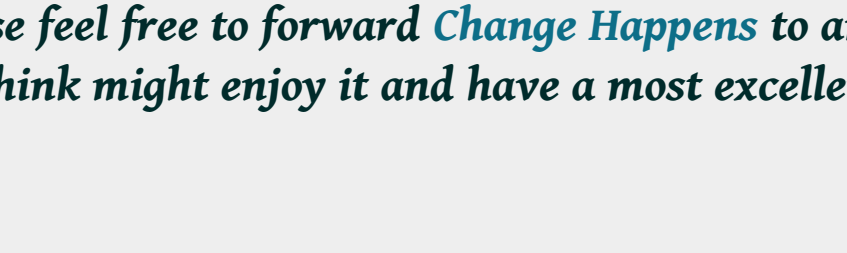
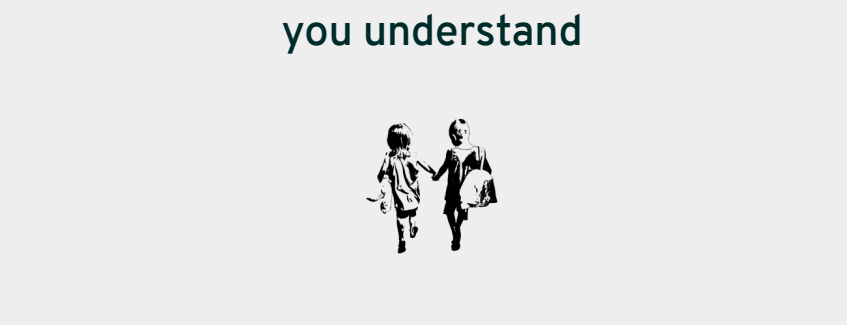
## How a Small Snake Can Eat Meals Many Times Larger Than Its Head



" A tiny egg-eating African snake may take the prize for swallowing the largest meals relative to its body size out of all snakes, outstripping even pythons—which are famous for gulping down massive alligators, cows, antelopes and even people whole. "

*"I learned very early the difference between knowing the name of something and knowing something."*

**Richard Feynman**



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*