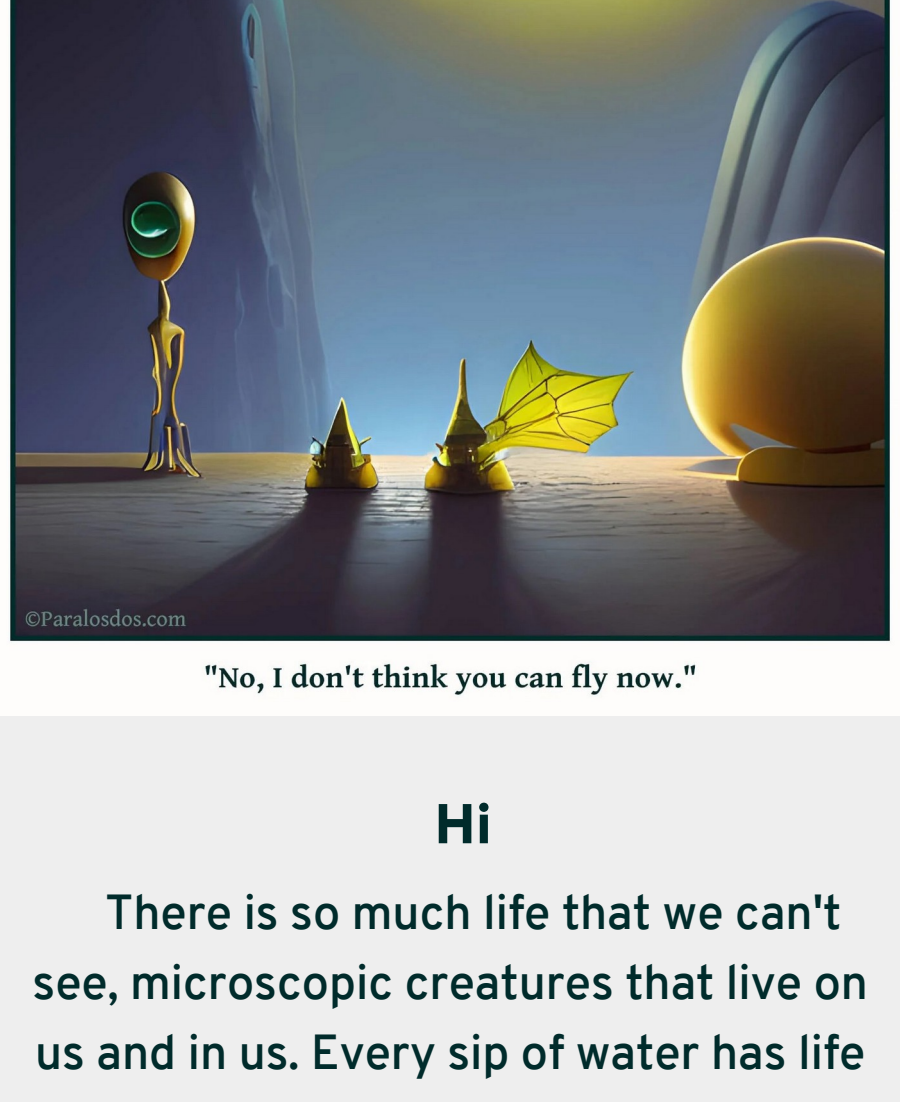


# Change Happens

Have a great day,  
find your way

## The Alien Life

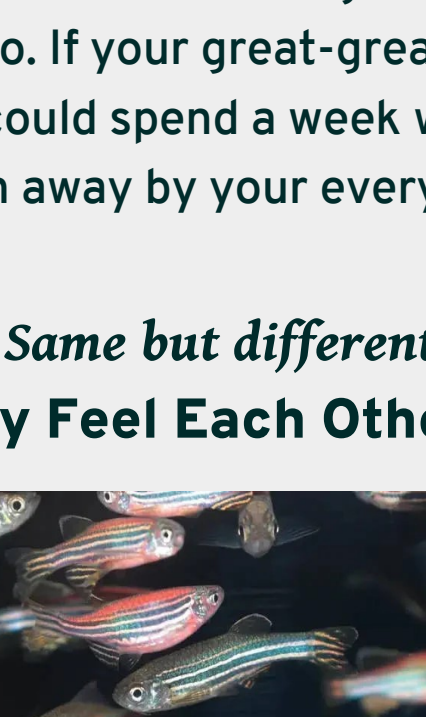


"No, I don't think you can fly now."

## Hi

There is so much life that we can't see, microscopic creatures that live on us and in us. Every sip of water has life in it. We are part of an incredibly varied and weird organism that shares life. All of it seems to exist because of water. All of our toys and tech come from our ancestors leaving the sea to explore the land. It's awesome.

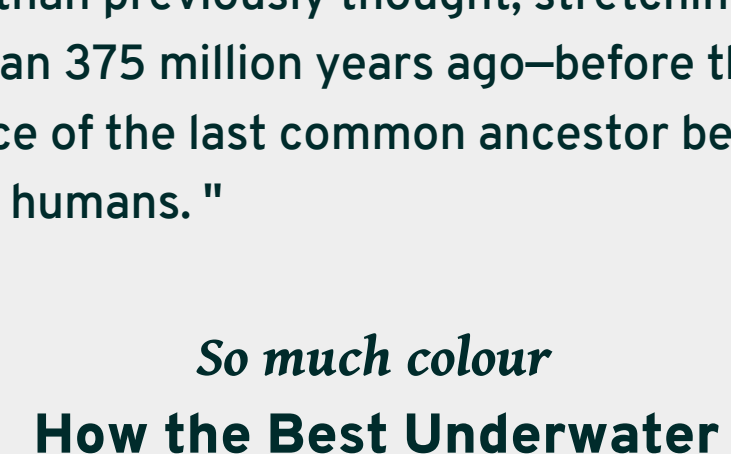
## On the road to somewhere Technology over the long run



"What is familiar to us today – photography, the radio, antibiotics, the Internet, or the International Space Station circling our planet – was unimaginable to our ancestors just a few generations ago. If your great-great-great grandparents could spend a week with you they would be blown away by your everyday life."

## Same but different

### Fish May Feel Each Other's Fear



"Fish, and all other classes of vertebrate animals, seem to suffer from bumps, cuts, and punctures similarly to how humans and other mammals do. Fish do feel physical pain."

"Taken altogether, the findings suggest that empathy may have a much longer evolutionary history than previously thought, stretching back more than 375 million years ago—before the existence of the last common ancestor between fish and humans."

## So much colour

### How the Best Underwater Photography Reveals a World of Wonder



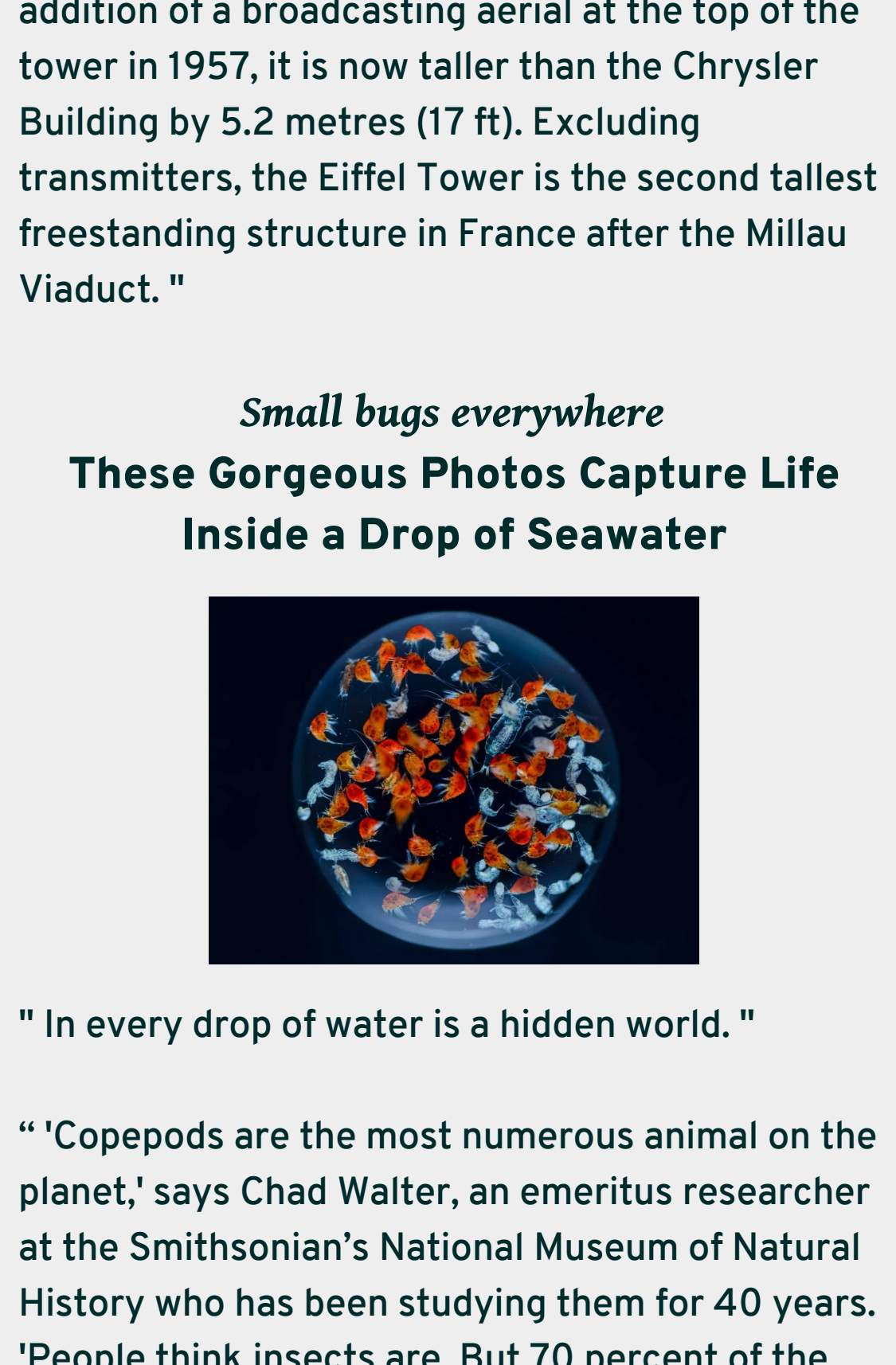
"Hidden beneath churning ocean waves is a world teeming with unknown creatures. In the waters off Madeira in the North Atlantic Ocean, fluorescent lizardfish light up the dark sea. Off the Scottish coast, an hour's drive east of Edinburgh, thumbnail-sized long-clawed porcelain crabs delicately scuttle along a muted, yellow coral nicknamed dead man's fingers."

"Earth's oceans are full of such creatures, and thanks to some daring photographers who aren't afraid to get a little wet, we can all catch a glimpse of these underwater wonders."

## March 31, 1889

### The Eiffel Tower

#### Weirdly Enduring Landmark Officially Opens

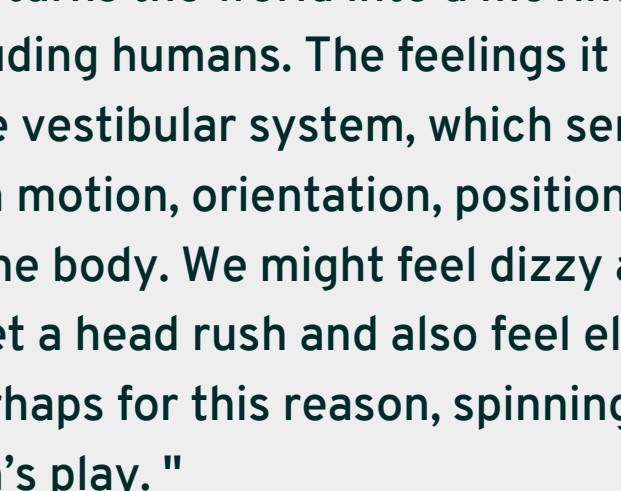


## Wiki Rabbit Hole

"The tower is 330 metres (1,083 ft) tall, about the same height as an 81-storey building, and the tallest structure in Paris. Its base is square, measuring 125 metres (410 ft) on each side. During its construction, the Eiffel Tower surpassed the Washington Monument to become the tallest human-made structure in the world, a title it held for 41 years until the Chrysler Building in New York City was finished in 1930. It was the first structure in the world to surpass both the 200-metre and 300-metre mark in height. Due to the addition of a broadcasting aerial at the top of the tower in 1957, it is now taller than the Chrysler Building by 5.2 metres (17 ft). Excluding transmitters, the Eiffel Tower is the second tallest freestanding structure in France after the Millau Viaduct."

## Small bugs everywhere

### These Gorgeous Photos Capture Life Inside a Drop of Seawater

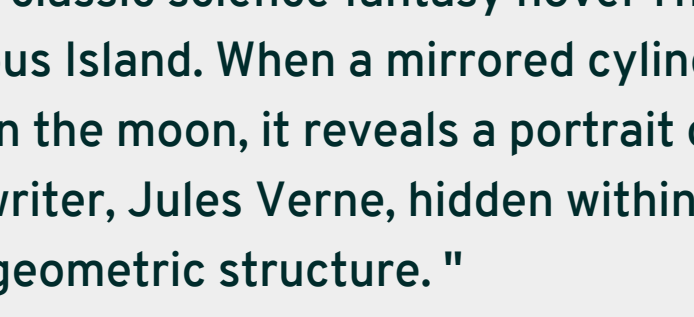


"In every drop of water is a hidden world."

"'Copepods are the most numerous animal on the planet,' says Chad Walter, an emeritus researcher at the Smithsonian's National Museum of Natural History who has been studying them for 40 years. 'People think insects are. But 70 percent of the planet is covered by water, and copepods inhabit all of that.'"

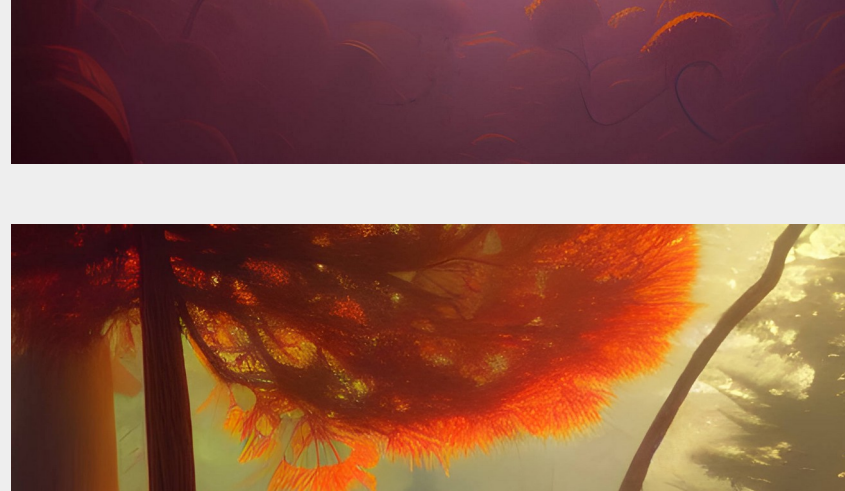
## Fun is fun

### Why Primates (Including Humans) Love to Spin Ourselves around



"Spinning turns the world into a moving blur for apes—including humans. The feelings it generates disrupt the vestibular system, which senses changes in motion, orientation, position and the speed of the body. We might feel dizzy and light-headed, get a head rush and also feel elated or giggly. Perhaps for this reason, spinning is a staple of children's play."

## Quick video, kind of amazing Artwork Of The week: Anamorphic Jules Verne



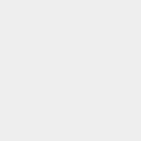
"The above is a famous image mapped by Hungarian artist István Orosz featuring a scene from the classic science fantasy novel *The Mysterious Island*. When a mirrored cylinder is placed on the moon, it reveals a portrait of the novel's writer, Jules Verne, hidden within the frame's geometric structure."

**"Treat people as if they were what they ought to be and you help them to become what they are capable of being."**

**Johann Wolfgang von Goethe**



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