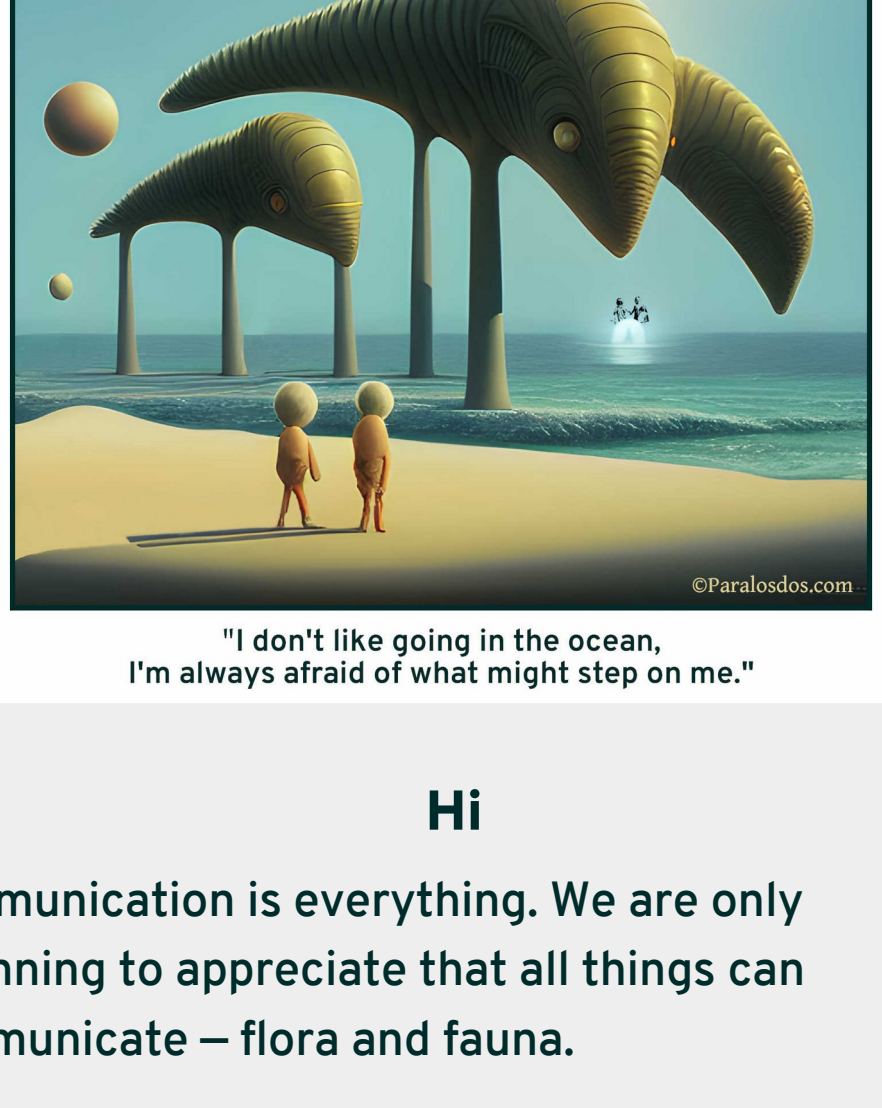


Change Happens

Have a great day,
find your way

The Alien Life



"I don't like going in the ocean,
I'm always afraid of what might step on me."

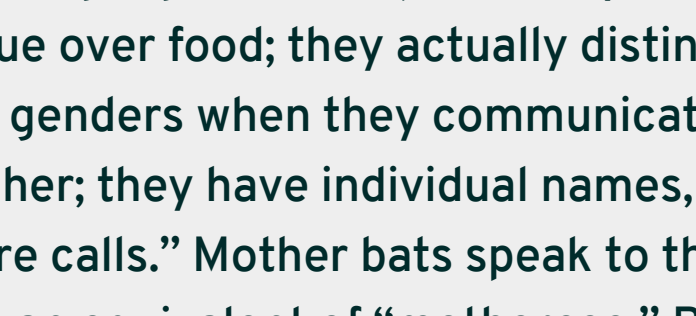
Hi

Communication is everything. We are only beginning to appreciate that all things can communicate – flora and fauna.

Our human level abilities to convey information in a way that can be understood across the planet instantly is a remarkable achievement. But we are learning that we aren't the only creatures communicating with sophistication.

Soon we will be able to, literally, talk to the animals. We will be able to use their sounds to share basic understandings. That's amazing.

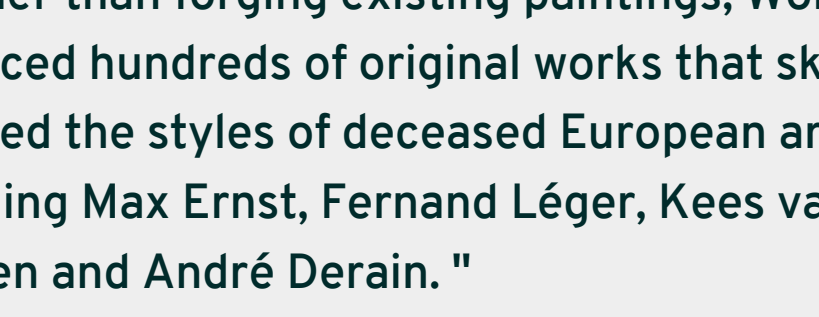
We are learning other languages **How Scientists Are Using AI to Talk to Animals**



" Using this, the researchers were able to classify the majority of bats' sounds. That is how Yovel and other researchers such as Gerry Carter have been able to determine that bats have much more complex language than we previously understood. Bats argue over food; they actually distinguish between genders when they communicate with one another; they have individual names, or "signature calls." Mother bats speak to their babies in an equivalent of "motherese." But whereas human mothers raise the pitch of their voices when talking to babies, mother bats lower the pitch—which elicits a babble response in the babies that learn to "speak" specific words or referential signals as they grow up. So bats engage in vocal learning. "

Creative chicanery

The husband-and-wife forgers who fooled the art market

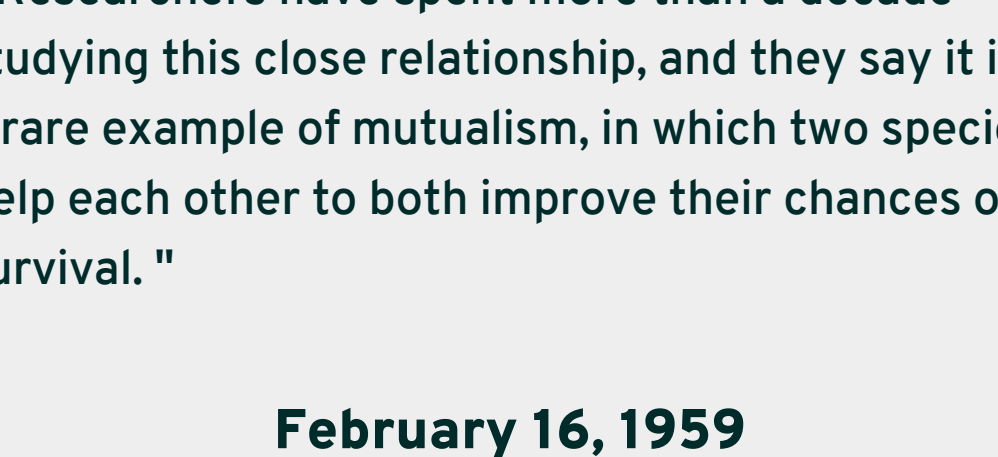


" After decades of painting fakes, falsifying evidence and diligently covering their tracks, it was a single act of carelessness that brought the Beltracchis' deception to light. "

" Rather than forging existing paintings, Wolfgang produced hundreds of original works that skillfully imitated the styles of deceased European artists including Max Ernst, Fernand Léger, Kees van Dongen and André Derain. "

For the greater good

When Dolphins And Humans Team Up



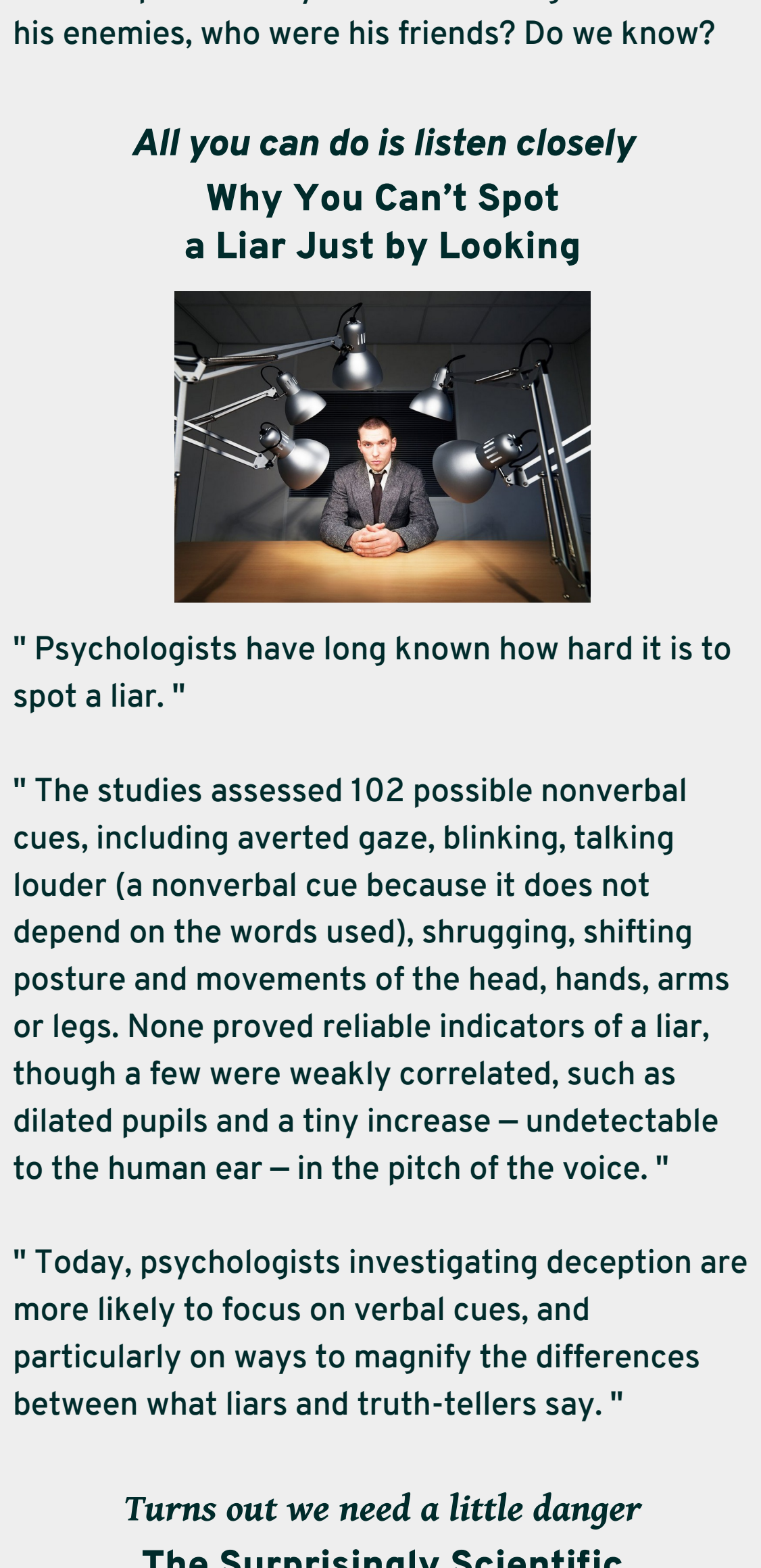
" Traditional fishers in the city of Laguna have been working with Lahille's bottlenose dolphins (*Tursiops truncatus gephyreus*) to capture fish for more than 140 years. "

" Researchers have spent more than a decade studying this close relationship, and they say it is a rare example of mutualism, in which two species help each other to both improve their chances of survival. "

February 16, 1959

Fidel Castro

Castro sworn in as Prime Minister of Cuba

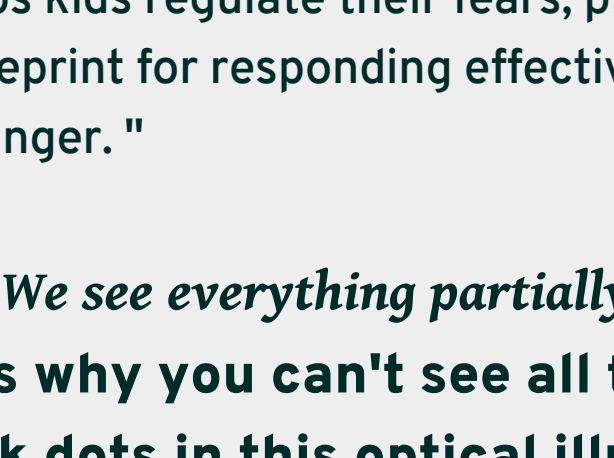


Wiki Rabbit Hole

Sometimes good and bad, right and wrong, are not easily defined. What we are led to believe and what actually happened are rarely the same. Fidel Castro was both hero and villain, it seems. It's valuable to understand such a person. Did he do the right things, the wrong things, or did he just feel compelled to try to do something? Who were his enemies, who were his friends? Do we know?

All you can do is listen closely

Why You Can't Spot a Liar Just by Looking



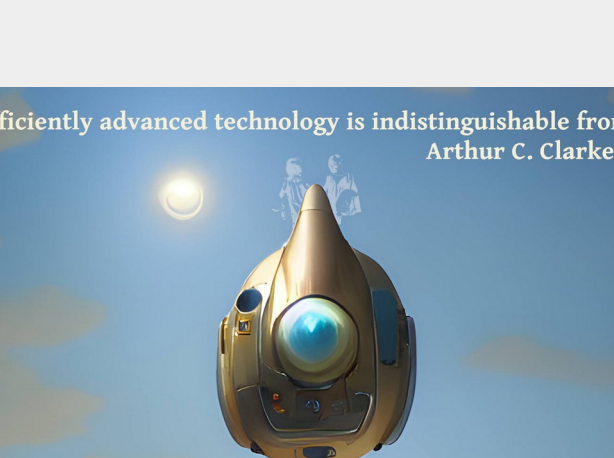
" Psychologists have long known how hard it is to spot a liar. "

" The studies assessed 102 possible nonverbal cues, including averted gaze, blinking, talking louder (a nonverbal cue because it does not depend on the words used), shrugging, shifting posture and movements of the head, hands, arms or legs. None proved reliable indicators of a liar, though a few were weakly correlated, such as dilated pupils and a tiny increase – undetectable to the human ear – in the pitch of the voice. "

" Today, psychologists investigating deception are more likely to focus on verbal cues, and particularly on ways to magnify the differences between what liars and truth-tellers say. "

Turns out we need a little danger

The Surprisingly Scientific Roots of Monkey Bars



" Young primates have always invited serious injury by play-climbing and falling. Primatologists view these behaviors as a critical means of fine-tuning fundamental motor skills. And despite the rise of "ultrasafe" playgrounds in the 1990s, many developmental psychologists contend that risky play is essential for healthy growth and development in children, perhaps because risk-taking helps kids regulate their fears, providing a kind of blueprint for responding effectively to real-life danger. "

We see everything partially

Here's why you can't see all twelve black dots in this optical illusion



" In this optical illusion, the black dot in the center of your vision should always appear. But the black dots around it seem to appear and disappear. That's because humans have pretty bad peripheral vision. If you focus on a word in the center of this line you'll probably see it clearly. But if you try to read the words at either end without moving your eyes, they most likely look blurry. As a result, the brain has to make its best guess about what's most likely to be going on in the fuzzy periphery – and fill in the mental image accordingly. "

"Any sufficiently advanced technology is indistinguishable from magic."

Arthur C. Clarke

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