

New Scientist

WEEKLY June 17 - 23, 2023

WE FINALLY KNOW
WHAT CAUSES
MORNING SICKNESS

THE DRY LAKE
PREVENTING CALIFORNIA'S
NEXT MAJOR QUAKE

HAVE WE FOUND THE
EARLIEST SIGNS OF
COMPLEX LIFE?

THE HEALING POWER OF ULTRASOUND

An astonishing new therapy that could treat
everything from pain and anxiety to cancer

IMPOSSIBLE GALAXIES

The JWST images upending our best theory of the cosmos

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Enviro-engineers

Alligators boost biodiversity with their snouts **p10**

Life extension

Tapeworm infection makes ants live three times longer **p11**

Space oddity

Fast-growing galaxy opens window on the early universe **p13**

Make some noise

A way to build quantum computers using sound **p14**

Self-improvement

Octopuses edit their own RNA to adapt to the cold **p18**



Space flight

SpaceX Dragon breaks records

Dragon cargo capsules have now made it to the International Space Station (ISS) 38 times, more than NASA's space shuttles did. The most recent robotic Dragon 2 mission (pictured approaching the ISS) arrived on 6 June. SpaceX says its reusable Dragon 2 fleet has now logged 1324 days in orbit, also surpassing the space shuttles' cumulative flight time.