

New Scientist

WEEKLY 28 June 2025

SPECIAL ISSUE

HOW TO THINK ABOUT

12 of the most mind-bending concepts in science

Quantum superposition

The anthropic principle

Animal consciousness

Quantum computing

Geoengineering

Quasiparticles

Metaphysics

Friendship

Language

Symbiosis

Geometry

Mindset

COULD BABIES ONE DAY HAVE TWO GENETIC FATHERS?

FACE OF THE DENISOVANS FINALLY REVEALED

THE TINY ISLAND WHERE QUANTUM MYTHS ARE MADE

INCOMING ASTEROID COULD THREATEN EARTH'S SATELLITES



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Wake-up call

We may know how your brain tracks sleep debt **p11**

Cool communication

Ice bubbles could be used to store information **p13**

Symbiosis in the sea

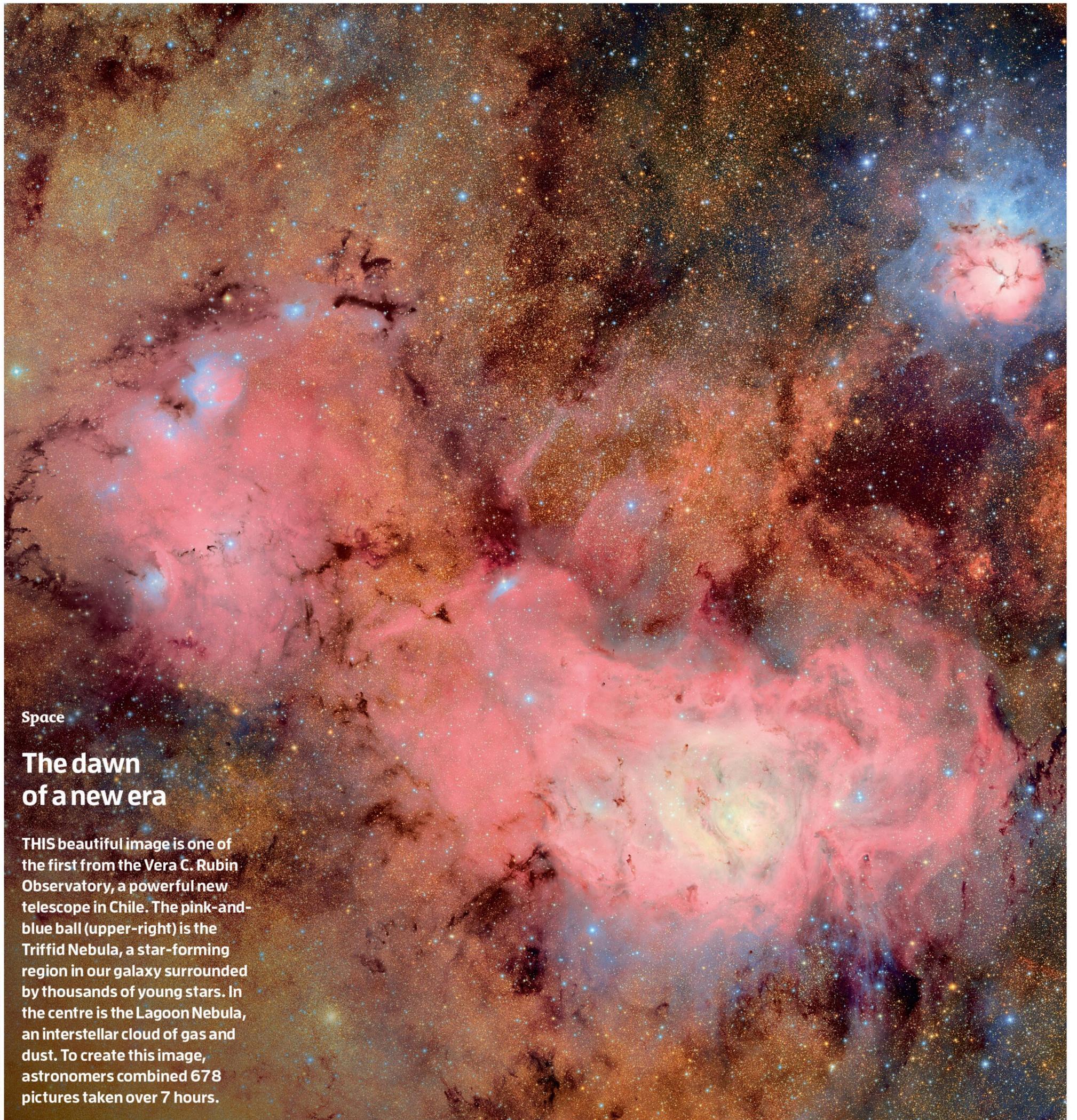
Sea spiders farm gas-eating microbes on their bodies **p15**

Sky-high solution

Reusable rockets could help with solar geoengineering **p18**

Ancient monster

An extinct monstersaur had “goblin-like” teeth **p19**



Space

The dawn of a new era

THIS beautiful image is one of the first from the Vera C. Rubin Observatory, a powerful new telescope in Chile. The pink-and-blue ball (upper-right) is the Triffid Nebula, a star-forming region in our galaxy surrounded by thousands of young stars. In the centre is the Lagoon Nebula, an interstellar cloud of gas and dust. To create this image, astronomers combined 678 pictures taken over 7 hours.

NSF-DOE/VERA C. RUBIN OBSERVATORY