

# New Scientist

WEEKLY 23 November 2024

HOW TO STOP  
CITIES BECOMING  
UNBEARABLY HOT

AUSTRALIA'S MISGUIDED  
PLAN TO BAN TEENS  
FROM SOCIAL MEDIA

COULD ORAL MICROBES  
RAISE YOUR RISK  
OF CANCER?

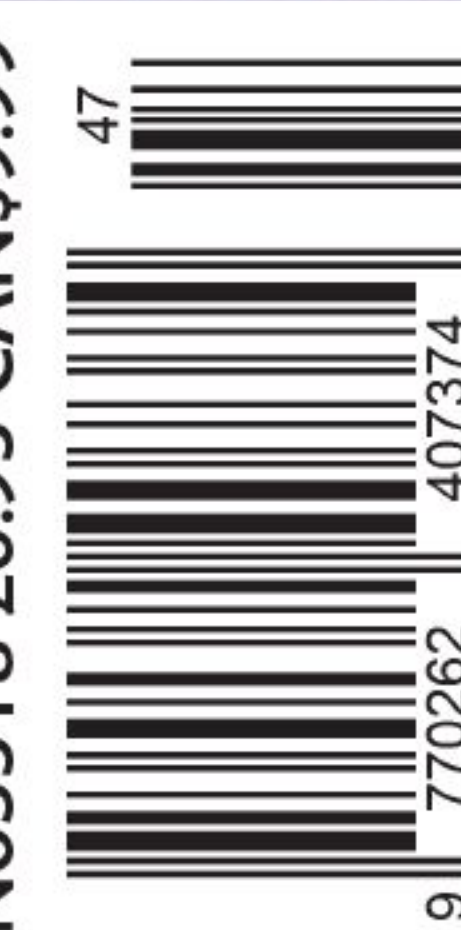
## OUR PRECARIOUS UNIVERSE

Why the cosmos could vanish before  
you finish reading this magazine



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Emissions rising

Fossil fuels push atmospheric CO<sub>2</sub> to a record high **p10**

Missing the obvious

New twist on famous invisible gorilla psychology study **p12**

Added benefit

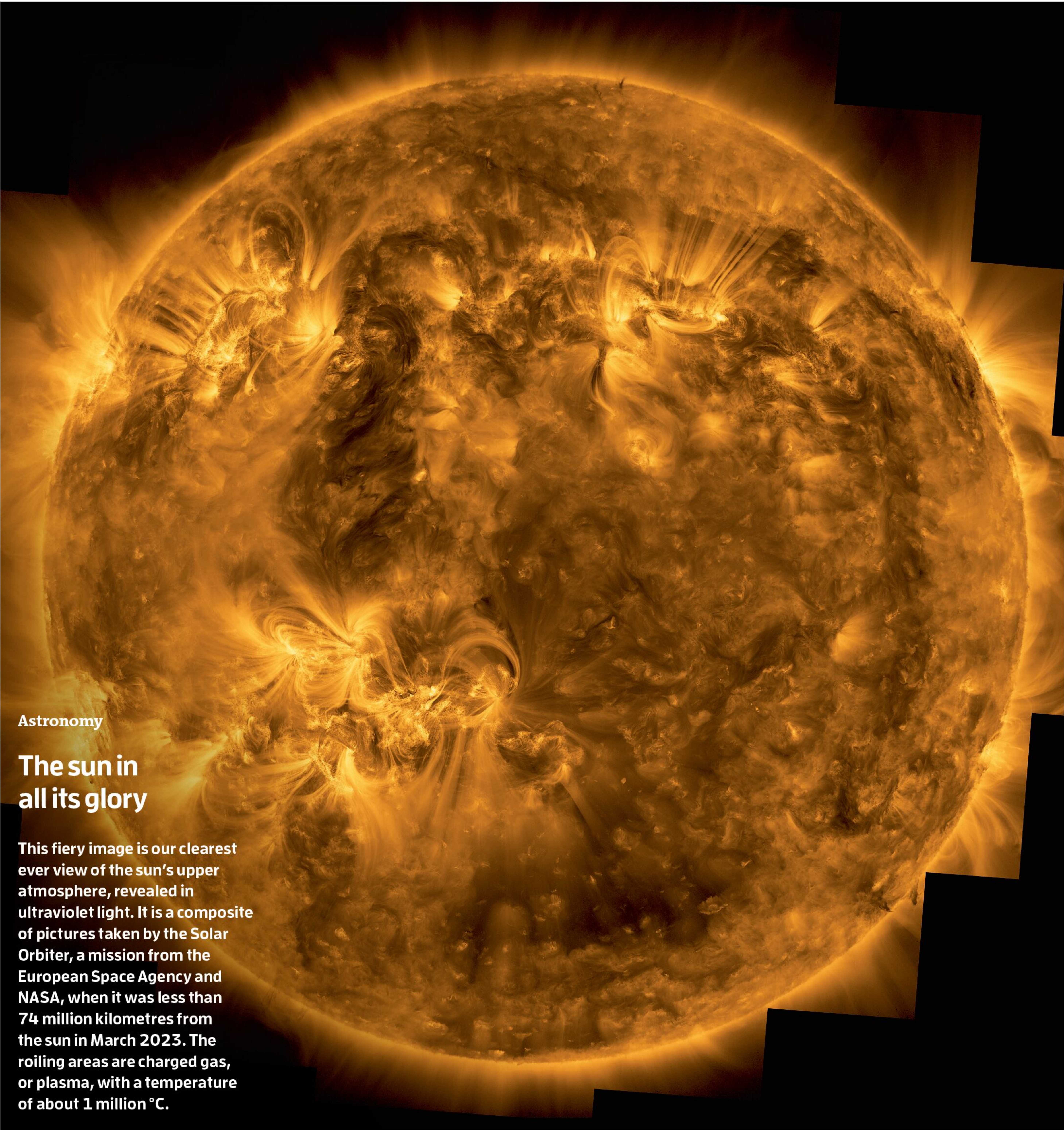
Weight-loss drugs may also treat chronic pain **p13**

Landscape designers

Gophers restore ash-covered areas after eruption **p16**

Where in the world?

Migratory birds use Earth's magnetic field like GPS **p19**



Astronomy

The sun in all its glory

This fiery image is our clearest ever view of the sun's upper atmosphere, revealed in ultraviolet light. It is a composite of pictures taken by the Solar Orbiter, a mission from the European Space Agency and NASA, when it was less than 74 million kilometres from the sun in March 2023. The roiling areas are charged gas, or plasma, with a temperature of about 1 million °C.

ESA & NASA/SOLAR ORBITER/EUI TEAM