

New Scientist

WEEKLY 23 September 2023

THERAPY SPEAK

How the overuse of mental health terms can actually cause harm

CIPHER SOLUTIONS

The new tools helping to decode secret messages from history

IT'S STILL NOT ALIENS

NASA's final UFO report finds no signs of extraterrestrials

DARK STAR

Have we finally discovered dark matter's true nature at the heart of an extraordinary new kind of sun?

PLUS WHY IT'S SO HARD TO SWAT A MOSQUITO / THE RISE OF 'BIOPHOBIA' / CHINA'S QUANTUM CITY / FROGS THAT TRY TO MATE WITH EVERYTHING

No3457 £6.95 CAN\$9.99



Hidden away

Tadpoles can change colour to match their surroundings **p7**

It is rocket science

UK student rocket set for record-breaking space launch **p8**

Anti-ageing drugs

A chance to make old organs viable for transplants **p9**

First-time guess?

Thousands of people apparently cheat at Wordle every day **p12**

Clumping matter

The universe's evolution seems to be slowing down **p16**



Space

Baby star has powerful jets

This newborn star is blasting out a pair of supersonic jets of gas. Such bright regions around young stars are called Herbig-Haro objects, and this one, Herbig-Haro 211, is about 1000 light years from Earth. This image, captured by the James Webb Space Telescope, allowed researchers to estimate the speed of the jets. They are moving at between about 80 and 100 kilometres per second.