

New Scientist

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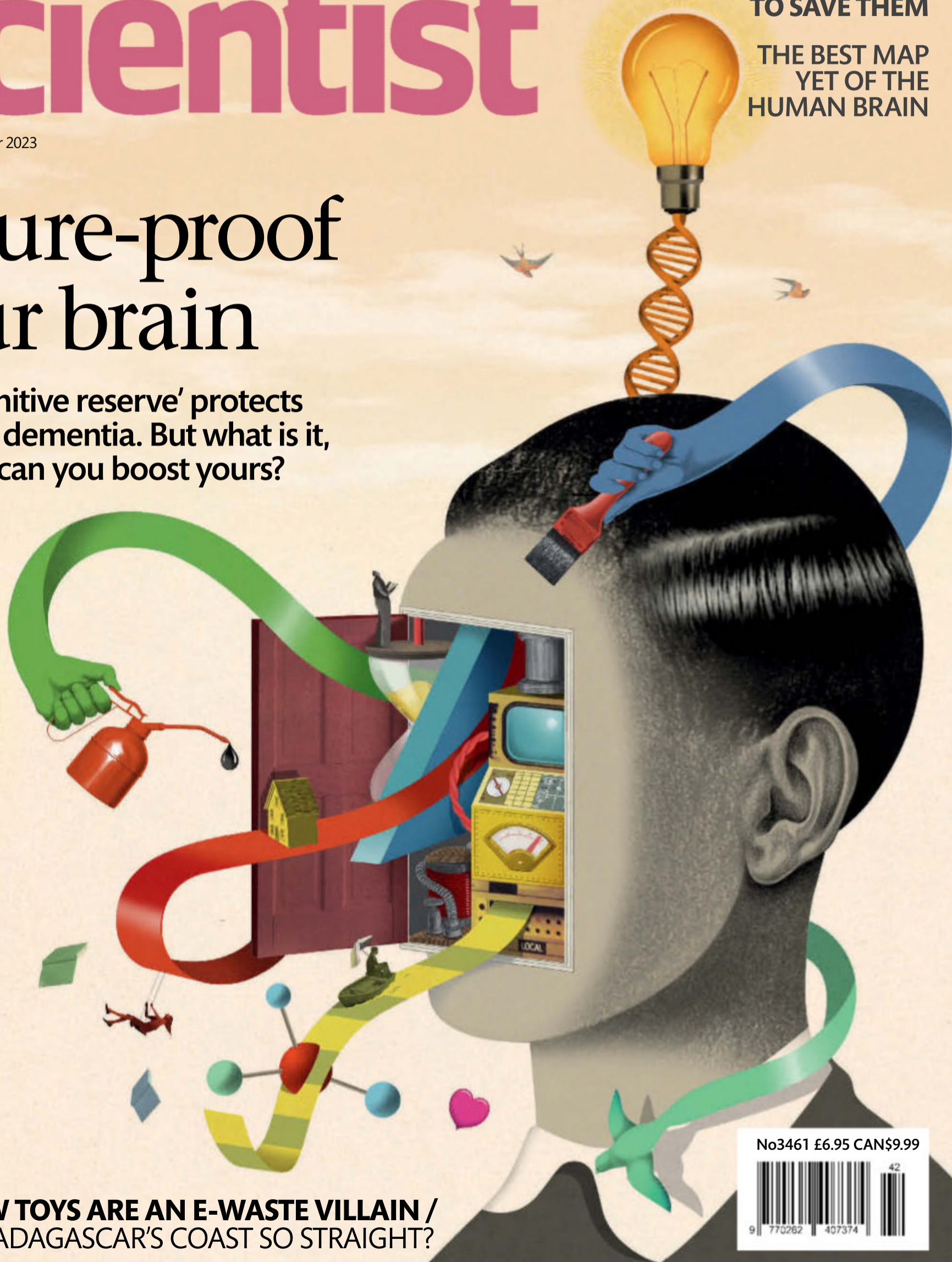
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Cleaning up

Vacuuming can cut wildfire air pollution in homes **p9**

Vesuvius challenge

AI helps decipher word in unopened Roman scroll **p10**

Arms race

Will countries resume nuclear bomb tests? **p11**

The high life

Early humans lived at altitude 2 million years ago **p15**

Cataclysmic crash

Giant planets collided and vaporised in distant system **p16**



Astronomy

Ring of fire burns across US skies

This "ring of fire" annular eclipse was snapped in New Mexico on 14 October. It was visible across much of the Americas, but the best views were in Oregon, Nevada, Utah, Arizona, New Mexico and Texas. Such eclipses occur when the moon doesn't appear quite big enough to cover the entire sun and create a total eclipse, instead leaving a bright ring visible around the edges.