AUSTRALASIAN SCIENCE

CONTENIDO

VOLUMEN 31 No. 2, MARCH, 2010

FEATURES

14 Footprints of the First Australians.

Footprints left in the ancient Australasian lands cape revel how the first Australians coped with the last ice age. *Michael Westaway*.

19 Why Didn't Ancient Australians Adopt Agriculture?

Australian Aboriginal hunter-gatherers lived alongside farming societies in New Guinea, so why didn't they adopt agriculture? *Wendy Beck.*

The Ghost of Herbivory Past.

Predation by the now-extinct moa could explain why New Zealand's lancewoods undergo one of the most remarkable transformations in the plant kingdom.

Kevin Burns.

Food Forensics.

Food fraud is big business but science is on the case to ensure that what you eat is what it claims to be.

Anita Andrew and Garry Lee.

29 Migraine Relief from a Vitamin Supplement.

The discovery of a gene linked to migraine has led to a simple dietary supplement that reduces its frequency and severity. Lyn Griffiths.

31 How to Stress Superbugs.

New evidence of how antibiotics kill microbes by bending and "stressing" them has been discovered using nanotechnology. *Matthew Cooper*.

33 At the Heart of Snails.

Snail hearts are providing valuable insights into human cardiac muscle that could help researchers understand why humans develop heart disease and reduce the potentially fatal side-effects of drugs used to treat anxiety and depression.

Michelle Gibson.

36 Is Consciousness a Quantum Matter?

Could quantum mechanics play a significant role in conscious thought? Australian scientists have put the theory to the test. *Jeffrey Reimers*.

conSCIENCE

Forest Logging Begets Fire Traps.

Research shows that decades of industrial logging in Australia's wet forests may have them more fire-prone. *David Lindemayer*.

REGULAR COLUMNS

3 Simon Says

We must learn to live with bushfires rather than try to resist them.

4 Browse

A round-up of the latest science news from our shores.

39 Cool Careers

James Waldie is designing the suits to be worn by the next generation of space travellers.

40 reminiSCIENCE.

Dr. John O'Sullivan's adaptability in radioastronomy provided the perfect mix for a world-beating Australian solution for the seemingly intractable problem of linking computers wirelessly.

42 Out of this World.

Dave Reneke brings news from the space and astronomy communities around the month.

43 Australasian Sky.

Your map of the night sky this month.

44 The Naked Skeptic

There was a logical explanation for a recent UFO sighting in Norway.

45 Publish or Perish.

Your guide to new science books published this month.

46 Eco Logic

New research finds that a carbon-focused approach to curbing deforestation

will contribute little to biodiversity loss.

47 Lowe Tech.

Ian Lowe returns from the UN Climate Change Conference.

48 Quandary.

Would you accept an organ transplant if it came from a drug addict or had been cancerous?