

AUSTRALASIAN SCIENCE

CONTENIDO

VOLUMEN 31 No. 8, NOVEMBER, 2010

FEATURES

- 14 **The Risky Business of Being Male.**
Female babies are more likely to survive a stressful pregnancy.
Vicki Clifton.
- 16 **Lizards Give Birth To Cancer Clues.**
A gene found in a pregnant lizard may provide important information about the origins and treatment of cancer in human.
Bridget Murphy.
- 18 **Head Modification Explains the Origin of the First Australians.**
Evidence of head shape modification among Pleistocene Australians helps refute claims of an evolutionary connection with Indonesian *Homo erectus*.
Peter Brown.
- 22 **Sleight of Memory.**
Our memories can easily deceive us, for good or for ill.
John Bradshaw.
- 25 **Sinking Aristotle's Sailing Octopus.**
By expertly manipulating air gathered from the sea surface, Argonauts are able to control their buoyancy and traverse the world's oceans at depth.
Julian Finn.
- 28 **Big Floods = Big Barras.**
More barramundi survive to adulthood during big flood years due to increased feeding opportunities.
Tim Jardine, Brad Pusey and Ian Halliday.
- 30 **Double Jeopardy for Corals.**
Not only are corals jeopardized by warmer waters but their growth is constrained as they change from heat-sensitive to heat-tolerant symbiotic algae in order to survive.
Alison Jones.
- 33 **Capturing Carbon with Membranes.**
Membrane technologies being developed in Australia hope to cut the cost

of capturing industrial emissions of carbon dioxide.
Colin Scholes.

- 36 **The Straw Men of Climatology.**
The straw man arguments of climate contrarians portray a brittle image of climatology that ignores how science produces and corrects knowledge by embracing and correcting errors.
James Risbey.

conSCIENCE

- 38 **Good Science Done Properly.**
Scientists have a social responsibility to maintain high ethical standards in their work.
Penny Sackett.

REGULAR COLUMNS

- 3 **Simon Says**
Julia Gillard's new ministry is not a coherent platform for science-based policy.
- 4 **Browse**
A round-up of the latest science news from our shores.
- 39 **Publish or Perish.**
Your guide to new science books published this month.
- 40 **Cool Careers.**
Colin Carter is putting the production of French black truffles onto a scientific footing.
- 43 **Out of this World.**
Dave Reneke brings news from the space and astronomy communities around the world.
- 44 **Australasian Sky.**
Your map of the night sky this month.
- 45 **The Naked Skeptic.**
Chiropractors should not promote their services as an alternative to vaccination or treat children for conditions like autism and asthma.
- 46 **Eco Logic**
This year's global update on the state of biodiversity tells us that the world has failed to meet all of the international targets set in 2002. But is news

bad enough for any country to do anything about it?

47

Low Tech.

The minority government may do more for science than either of the major parties would have done with a secure majority.

48

Quandary.

A leading researcher into the biological basis of morality has been found guilty of academic misconduct.