

Out of the Air

EDITED BY STELLA HURTLEY

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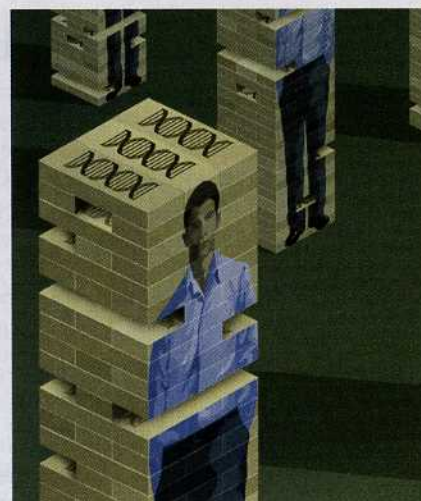
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>> **Science Podcast**  
On this week's show: avoiding quantum back-action effects and a roundup of stories from our daily news site.

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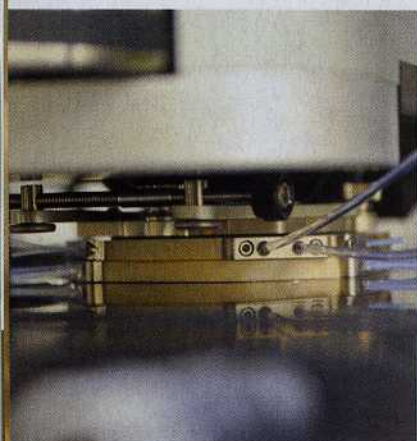
## COVER

A male stick insect (*Timema knulli*) sitting on its host redwood (*Sequoia sempervirens*) in the Landels-Hill Big Creek Reserve, Big Sur, California. The process of *Timema* populations adapting to different hosts has repeatedly initiated parallel genetic changes in this group of insects. In turn, these replicate instances of differentiation have resulted in predictable and repeatable patterns of genome divergence by natural selection. See page 738.

Photo: © Moritz Muschick

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A. J. Brooks et al.

A molecular mechanism for transmembrane signaling by the growth hormone receptor is elucidated.

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711 Border Control—A Membrane-Linked Interactome of *Arabidopsis*

A. M. Jones et al.

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F. Riccobono et al.

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A. B. Bardon et al.

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## 729 In Situ Imaging of Silicalite-1 Surface Growth Reveals the Mechanism of Crystallization

A. I. Lupulescu and J. D. Rimer

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## 732 Recyclable, Strong Thermosets and Organogels via Paraformaldehyde Condensation with Diamines

J. M. Garcia et al.

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## 750 Late Pleistocene Human Skeleton and mtDNA Link Paleoamericans and Modern Native Americans

J. C. Chatters et al.

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H. Shinohara et al.

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