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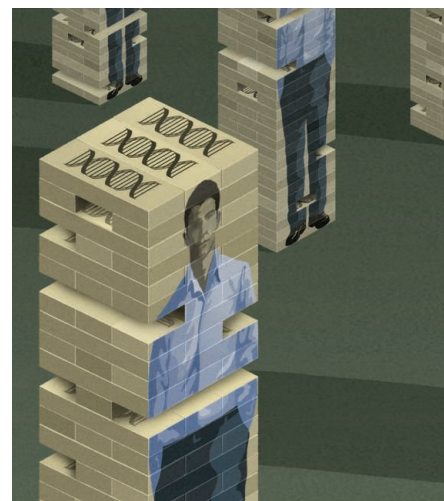
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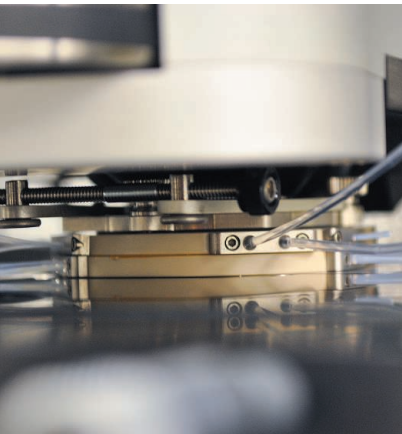
COVER

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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