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ON THE COVER

Koalas (*Phascolarctos cinereus*), such as this mother and 7-month-old joey from Queensland, Australia, embody a genetic paradox. Populations rich in diversity are declining, whereas those with little variation are expanding and rapidly reshuffling their genomes. These findings reveal that diversity alone does not determine resilience. Instead, a population's fate depends on several evolutionary processes unfolding across generations. See page 1010. Photo: Suzi Eszterhas/Minden

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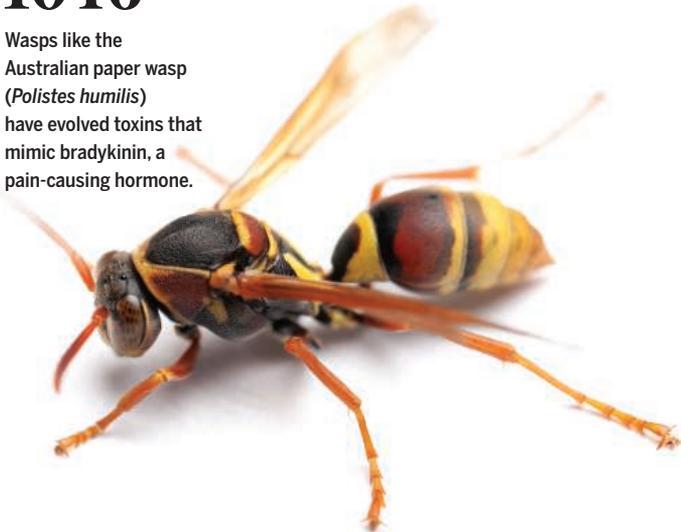
—G. Lopez

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Wasps like the Australian paper wasp (*Polistes humilis*) have evolved toxins that mimic bradykinin, a pain-causing hormone.



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