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(tel: +44 (0)20 7451 2631; fax: +44 (0)20 7976 1837; victoria.millen@royalsociety.org)

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6–9 Carlton House Terrace, London SW1Y 5AG, UK
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Cover image: The Black-chinned Hummingbird (*Archilochus alexandri*), which has the smallest genome size reported to date for birds. This is one of 37 species of hummingbirds studied by Gregory *et al.* (pp. 3753–3757), revealing strong constraints on genome size in these birds with hovering flight and extreme metabolic rates. Photo by Luis Mazariegos.