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Cover photo: The skull of *Smilodon fatalis* (Department of Earth Sciences, University of Bristol). The evolution of biting performance in living and extinct cats, including the sabre-toothed cat *S. fatalis*, is only moderately constrained by phylogeny, and its nonphylogenetically structured variance remains largely unexplained (see Sakamoto *et al.*, pp. 463–478). Photo: Mr Simon Powell (Department of Earth Sciences, University of Bristol).

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