# Review articles

- In search of the chemical basis for MHC odourtypes
  - J. Kwak, A. Willse, G. Preti, K. Yamazaki & G. K. Beauchamp

- Phylogenetic diversity does not capture body size variation at risk in the world’s mammals
  - S. A. Fritz & A. Parvis

# Research articles

- Incentives and opportunism: from the carrot to the stick
  - C. Hilbe & K. Sigmund

- The shape and tempo of language evolution
  - S. J. Greenhill, O. D. Atkinson, A. Meade & R. D. Gray

- A 250-year index of first flowering dates and its response to temperature changes
  - T. Amano, R. J. Smithers, T. H. Sparks & W. J. Sutherland

- A sea snake's colour affects its susceptibility to algal fouling
  - R. Shine, F. Brischoux & A. J. Pile

- Spatial representation of alarm pheromone information in a secondary olfactory centre in the ant brain
  - N. Yamagita & M. Misunams

- Character displacement from the receiver's perspective: species and mate recognition despite convergent signals in subspecies birds
  - N. Seddon & J. A. Tobias

- Contribution of human melanopsin retinal ganglion cells to steady-state pupil responses
  - S. Tsujimura, K. Utsu, D. Oshima, A. Narula & K. Taniuchi

- Adaptive dynamics of cooperation may prevent the coexistence of defectors and cooperators and even cause extinction
  - K. Parvinen

- Storms drive altitudinal migration in a tropical bird
  - W. A. Boyle, D. R. Norris & C. G. Guglielmo

- Your attention please: increasing ambient noise levels elicits a change in communication behaviour in humpback whales (*Megaptera novaeangliae*)

- Inferred relatedness and heritability in malaria parasites

- Elevated CO₂ affects shell dissolution rate but not calcification rate in a marine snail

- Paternal levels of DNA damage in spermatozoa and maternal parity influence offspring mortality in an endangered ungulate

- Biogeography of Triassic tetrapods: evidence for provincialism and driven sympatric cladogenesis in the early evolution of modern tetrapod lineages
  - M. D. Ezcurra

- Elevated CO₂ affects shell dissolution rate but not calcification rate in a marine snail
  - S. Neubauer, A. R. Palmer & C. D. C. Harley

- Population size predicts technological complexity in Oceania
  - M. A. Kline & R. Boyd

- Cell formation by myxozoan species is not explained by dogma
  - D. J. Morris

- Does signalling mitigate the cost of agonistic interactions? A test in a cricket that has lost its song

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