Review articles

Mimics without models: causes and consequences of allopatry in Batesian mimicry complexes
D. W. Pfennig & S. P. Mullen

Research articles

Calcification provides mechanical reinforcement to whale baleen α-keratin
L. J. Szewciw, D. G. de Kerckhove, C. W. Crone & D. S. Fudge

To eat or not to eat: egg-based assessment of paternity triggers fine-tuned decisions about filial cannibalism
M. Mehlis, T. C. M. Bakker, L. Engqvist & J. C. Frommen

Evolutionary speed limited by water in arid Australia
X. Goldie, L. Gillman, M. Crop & S. Wright

Social vocalizations can release oxytocin in humans
L. J. Seltzer, T. E. Ziegler & S. D. Pollak

To eat or not to eat: egg-based assessment of paternity triggers fine-tuned decisions about filial cannibalism
M. Mehlis, T. C. M. Bakker, L. Engqvist & J. C. Frommen

Complex cognition and behavioural innovation in New Caledonian crows

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Social vocalizations can release oxytocin in humans
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Indrinking tolerance and fitness costs in wild bottlenose dolphins
C. H. Fritz, M. Krützen, A. M. Kopps, P. Ward, J. Mann & W. B. Shenw

Two pulses of diversification across the Isthmus of Tehuantepec in a montane Mexican bird fauna
B. R. Barber & J. Klicka

The molecular physiology of increased egg desiccation resistance during diapause in the invasive mosquito, *Aedes albopictus*

Fronts, jumps and secondary introductions suggested as different invasion patterns in marine species, with an increase in spread rates over time
F. Mineur, A. J. Davies, C. A. Maggs, M. Verlaque & M. P. Johnson

Divergence in behaviour between the European corn borer, *Ostrinia nubilalis*, and its sibling species *Ostrinia scapulalis*: adaptation to human harvesting?
V. Calcagno, V. Bonhomme, Y. Thomas, M. C. Singer & D. Bourguet

The evolution of migration in a seasonal environment
C. K. Griswold, C. M. Taylor & D. R. Norris

Diversity dynamics of Miocene mammals in relation to the history of tectonism and climate
J. A. Finarelli & C. Badgley

The evolution of sex-specific grandparental harm
W. R. Rice, S. Gavrilets & U. Friferg