

Review. Importance of pollinators in changing landscapes for world crops A.-M. Klein, B. E. Vaissière, J. H. Cane, I. Steffan-Dewenter, S. A. Cunningham, C. Kremen & T. Tscharntke	303
Plants use macronutrients accumulated in leaf-cutting ant nests L. da S. L. Sternberg, M. C. Pinzon, M. Z. Moreira, P. Moutinho, E. I. Rojas & E. A. Herre	315
Foetal age determination and development in elephants T. Hildebrandt, B. Drews, A. P. Gaeth, F. Goeritz, R. Hermes, D. Schmitt, C. Gray, P. Rich, W. J. Streich, R. V. Short & M. B. Renfree	323
Plasticity in animal personality traits: does prior experience alter the degree of boldness? A. J. Frost, A. Winrow-Giffen, P. J. Ashley & L. U. Sneddon	333
Rarity of a top predator triggers continent-wide collapse of mammal prey: dingoes and marsupials in Australia C. N. Johnson, J. L. Isaac & D. O. Fisher	341
Multimodal pattern formation in phenotype distributions of sexual populations M. Doebeli, H. J. Blok, O. Leimar & U. Dieckmann	347
Pterin pigment granules are responsible for both broadband light scattering and wavelength selective absorption in the wing scales of pierid butterflies N. I. Morehouse, P. Vukusic & R. Rutowski	359
Spread of arbitrary conventions among chimpanzees: a controlled experiment K. E. Bonnie, V. Horner, A. Whiten & F. B. M. de Waal	367
Experimental evidence for chick discrimination without recognition in a brood parasite host T. Grim	373
Social personalities influence natal dispersal in a lizard J. Cote & J. Clobert	383
Reproduction and modulation of the stress response: an experimental test in the house sparrow Á. Z. Lendvai, M. Giraudeau & O. Chastel	391
Sexual selection drives speciation in an Amazonian frog K. E. Boul, W. C. Funk, C. R. Darst, D. C. Cannatella & M. J. Ryan	399
Temporal and spatial variation in age-specific survival rates of a long-lived mammal, the Hawaiian monk seal J. D. Baker & P. M. Thompson	407
Selection against males in <i>Caenorhabditis elegans</i> under two mutational treatments D. Manoel, S. Carvalho, P. C. Phillips & H. Teotónio	417
Condition dependence of reproductive strategy and the benefits of polyandry in a viviparous lizard C. Eizaguirre, D. Laloj, M. Massot, M. Richard, P. Federici & J. Clobert	425
Little left in the tank: metabolic scaling in marine teleosts and its implications for aerobic scope S. S. Killen, I. Costa, J. A. Brown & A. K. Gamperl	431
The effects of taxonomic standardization on sampling-standardized estimates of historical diversity P. J. Wagner, M. Aberhan, A. Hendy & W. Kiessling	439
Costs of egg-laying and offspring provisioning: multifaceted parental investment in a digger wasp J. Field, E. Turner, T. Fayle & W. A. Foster	445



Founded in 1660, the Royal Society is the independent scientific academy of the UK, dedicated to promoting excellence in science

Registered Charity No 207043



FirstCite®
e-publishing

www.journals.royalsoc.ac.uk

Published in Great Britain by the Royal Society,
6–9 Carlton House Terrace, London SW1Y 5AG