Review articles

Context-dependent symbioses and their potential roles in wildlife diseases 1457
J. H. Daskin & R. A. Alford

Research articles

Parasitic infection and oxidative status are associated and vary with breeding activity in the Seychelles warbler 1466
J. van de Crommenacker, D. S. Richardson, A. M. Koltz, K. Hutchings & J. Komdeur

Bacterial recombination promotes the evolution of multi-drug-resistance in functionally diverse populations 1477

Novel methods reveal shifts in migration phenology of barn swallows in South Africa 1485
B. Allwyn, A. Brom, B. Dru, F. Barrand, C. T. Midgley & L. C. Underhill

Plant establishment and invasions: an increase in a weed disperser combined with land abandonment causes an invasion of the non-native walnut in Europe 1491
M. Lenda, P. Skóra, J. M. H. Knops, O. Moritz, T. Turek & M. Woyciechowski

Evaluation of the minimum energy hypothesis and other potential optimality criteria for human running 1498
K. E. Soma, K. E. Wynne-Edwards & E. Geffen

Sexual conflict over parental investment in repeated bouts: negotiation reduces overall care 1506
C. M. Lessells & J. M. McNamara

Arctic plant diversity in the Early Eocene greenhouse 1515
G. J. Harrington, J. Díez, R. A. LePage, M. Dawson & J. H. Hutchinson

Old World monkeys are more similar to humans than New World monkeys when playing a coordination game 1522
S. V. Brinsa, D. J. Wilson & M. J. Brakel

Evolution of reproductive life histories in island birds worldwide 1531
R. Crow

Rumble-learning selects for both early and long flowering in food-deceptive plants 1538
A. I. Internicola & L. D. Harder

Infecious personalities: behavioural syndromes and disease risk in larval amphibians 1544
J. Kopta, C. H. Gibson & C. Redfern

Variation in annual and lifetime reproductive success of lance-tailed manakins: alpha experience mitigates effects of senescence on string success 1551
R. H. Miller, B. R. Umberger, J. Hamill & G. E. Caldwell

Arctic plant diversity in the Early Eocene greenhouse 1554
G. J. Harrington, J. Díez, R. A. LePage, M. Dawson & J. H. Hutchinson

Old World monkeys are more similar to humans than New World monkeys when playing a coordination game 1557
S. V. Brinsa, D. J. Wilson & M. J. Brakel

Evolution of reproductive life histories in island birds worldwide 1558
R. Crow

Rumble-learning selects for both early and long flowering in food-deceptive plants 1565
A. I. Internicola & L. D. Harder

Infecious personalities: behavioural syndromes and disease risk in larval amphibians 1571
J. Kopta, C. H. Gibson & C. Redfern

Variation in annual and lifetime reproductive success of lance-tailed manakins: alpha experience mitigates effects of senescence on string success 1578
R. H. Miller, B. R. Umberger, J. Hamill & G. E. Caldwell

Arctic plant diversity in the Early Eocene greenhouse 1585
G. J. Harrington, J. Díez, R. A. LePage, M. Dawson & J. H. Hutchinson

Old World monkeys are more similar to humans than New World monkeys when playing a coordination game 1592
S. V. Brinsa, D. J. Wilson & M. J. Brakel

Evolution of reproductive life histories in island birds worldwide 1599
R. Crow

Rumble-learning selects for both early and long flowering in food-deceptive plants 1606
A. I. Internicola & L. D. Harder

Infecious personalities: behavioural syndromes and disease risk in larval amphibians 1612
J. Kopta, C. H. Gibson & C. Redfern

Variation in annual and lifetime reproductive success of lance-tailed manakins: alpha experience mitigates effects of senescence on string success 1619
R. H. Miller, B. R. Umberger, J. Hamill & G. E. Caldwell

Arctic plant diversity in the Early Eocene greenhouse 1627
G. J. Harrington, J. Díez, R. A. LePage, M. Dawson & J. H. Hutchinson

Old World monkeys are more similar to humans than New World monkeys when playing a coordination game 1634
S. V. Brinsa, D. J. Wilson & M. J. Brakel

Evolution of reproductive life histories in island birds worldwide 1641
R. Crow

Rumble-learning selects for both early and long flowering in food-deceptive plants 1648
A. I. Internicola & L. D. Harder

Infecious personalities: behavioural syndromes and disease risk in larval amphibians 1653
J. Kopta, C. H. Gibson & C. Redfern

Variation in annual and lifetime reproductive success of lance-tailed manakins: alpha experience mitigates effects of senescence on string success 1660
R. H. Miller, B. R. Umberger, J. Hamill & G. E. Caldwell

Arctic plant diversity in the Early Eocene greenhouse 1667
G. J. Harrington, J. Díez, R. A. LePage, M. Dawson & J. H. Hutchinson

Old World monkeys are more similar to humans than New World monkeys when playing a coordination game 1674
S. V. Brinsa, D. J. Wilson & M. J. Brakel

Evolution of reproductive life histories in island birds worldwide 1681
R. Crow

Rumble-learning selects for both early and long flowering in food-deceptive plants 1688
A. I. Internicola & L. D. Harder

Infecious personalities: behavioural syndromes and disease risk in larval amphibians 1695
J. Kopta, C. H. Gibson & C. Redfern

Variation in annual and lifetime reproductive success of lance-tailed manakins: alpha experience mitigates effects of senescence on string success 1702
R. H. Miller, B. R. Umberger, J. Hamill & G. E. Caldwell

Arctic plant diversity in the Early Eocene greenhouse 1709
G. J. Harrington, J. Díez, R. A. LePage, M. Dawson & J. H. Hutchinson

Old World monkeys are more similar to humans than New World monkeys when playing a coordination game 1716
S. V. Brinsa, D. J. Wilson & M. J. Brakel

Evolution of reproductive life histories in island birds worldwide 1723
R. Crow