### A candidate locus for variation in dispersal rate in a butterfly metapopulation

C. R. Haag, M. Saastamoinen, J. H. Marden & I. Hanski

**Abstract:** Montane speciation patterns in *Ithomiola* butterflies (Lepidoptera: Riodinidae): are they consistently moving up in the world?

**Keywords:** speciation, dispersal, metapopulation

### Sex and segregation in temperate bats

P. Senior, R. K. Butlin & J. D. Altringham

**Abstract:** Females use self-referent cues to avoid mating with previous mates

**Keywords:** sex, segregation, bats

### Helpers benefit offspring in both the short and long-term in the cooperatively breeding banded mongoose

S. J. Hodge

**Abstract:** Adaptive male effects on female ageing in seed beetles

**Keywords:** cooperation, banded mongoose

### Patterns of male sterility in a grasshopper hybrid zone imply accumulation of hybrid incompatibilities without selection

D. M. Shuker, K. Underwood, T. M. King & R. K. Butlin

**Abstract:** The pathogen causing Dutch elm disease makes host trees attract insect vectors


**Abstract:** Conflict between parasites with different transmission strategies infecting an amphipod host

E. R. Haine, K. Boucansaud & T. Rigaud

### Evolutionary implications of the adaptation to different immune systems in a parasite with a complex life cycle

K. Hammerschmidt & J. Kurtz

**Abstract:** A within-species warning function for an aposematic signal

D. R. Papaj & G. M. Newsom

### Strikingly variable divergence times inferred across an Amazonian butterfly ‘suture zone’


**Abstract:** Not so ancient: the extant crown group of *Nothofagus* represents a post-Gondwanan radiation

L. G. Cook & M. D. Crisp

### From Europe to America: Pliocene to Recent trans-Atlantic expansion of cold-water North Atlantic molluscs

G. J. Vermeij

**Abstract:** Non-random nature of spontaneous mIPSCs in mouse auditory brainstem neurons revealed by recurrence quantification analysis

R. N. Leao, F. N. Leao & B. Walmsley