

FEBRUARY 2008

ISSN 1522-0613



Evolutionary Ecology Research

MICHAEL L. ROSENZWEIG — EDITOR-IN-CHIEF

VOLUME 10

NUMBER 2

NATURAL AND SEXUAL SELECTION ON BIOMECHANICS
(D. IRSCHICK & J.-F. LE GALLIARD, EDS)



Published by EVOLUTIONARY ECOLOGY LTD.
www.evolutionary-ecology.com



Evolutionary Ecology Research

Volume 10 Number 2 February 2008 Pages 155–309
ISSN 1522–0613

Studying the evolution of whole-organism performance capacity: sex, selection, and haiku – an introduction <i>D.J. Irschick and J.-F. Le Galliard</i>	155–156
Evolution of maximal endurance capacity: natural and sexual selection across age classes in a lizard <i>J.-F. Le Galliard and R. Ferrière</i>	157–176
How does selection operate on whole-organism functional performance capacities? A review and synthesis <i>D.J. Irschick, J.J. Meyers, J.F. Husak and J.-F. Le Galliard</i>	177–196
An ecological twist on the morphology–performance–fitness axis <i>R. Calsbeek</i>	197–212
Sexual selection on locomotor performance <i>J.F. Husak and S.F. Fox</i>	213–228
Causes of sexual dimorphism in performance traits: a comparative approach <i>R. Van Damme, P. Entin, B. Vanhooydonck and A. Herrel</i>	229–250
Size, temperature, and fitness: three rules <i>J.G. Kingsolver and R.B. Huey</i>	251–268
Diet quality mediates the effect of multiple mating on female <i>Gryllus vocalis</i> vocal field cricket lifetime reproductive success <i>S.N. Gershman</i>	269–280
The genetic consequences of evolving two sexes: the genetic structure of distylous and dioecious species of <i>Erythroxylum</i> <i>C.A. Abárca, A. Martínez-Bauer, F. Molina-Freaner and C.A. Domínguez</i>	281–293
Floral scents repel potentially nectar-thieving ants <i>R.R. Junker and N. Blüthgen</i>	295–308
Erratum	309