

Welcome Universitat Zurich (Subscriptions)

[Home](#)
[Feedback](#)
[Support](#)
[Log on / Register](#)

29-Jan-2009


[My F1000](#) | [Browse](#) | [Top 10s](#) | [Advanced Search](#) | [My Details](#) | [About](#) | [Faculty Members](#) | [F1000 Reports](#) |

## Associate FMs

F1000 Factor **3.0**

EndNote

[Download citation](#)[Send page by email](#)**Lonely hearts or sex in the city? Density-dependent effects in mating systems.**

Kokko H, Rankin DJ

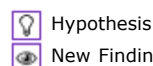
*Philos Trans R Soc Lond B Biol Sci* 2006 Feb 28 **361**(1466):319-34
[\[abstract on PubMed\]](#)
[\[citations on Google Scholar\]](#)
[\[related articles\]](#)
[\[FREE full text\]](#)
**Selected by** | William Fagan

Evaluated 7 Feb 2007

[Relevant Sections](#)

## Faculty Comments

## Faculty Member

**William Fagan**University of Maryland,  
United States of America  
Ecology

## Comments

**This paper makes a strong argument for explicitly including numbers of individuals (numbers of potential mates) in empirical and theoretical studies of sexual selection and related issues, thus bridging important issues in mating systems/reproductive behavior and population dynamics.** In a wide-ranging analysis, these authors identify important ways in which population density may impinge upon the success of alternative mating strategies. In so doing, they highlight several potential conflicts between evolutionary factors promoting development of those strategies and the ecological constraints, such as Allee effects, that constrain their persistence.

**Competing interests:** None declared

Evaluated 7 Feb 2007

[How to cite this evaluation](#)

## Faculty Comments

**How to cite the Faculty of 1000 Biology evaluation(s) for this paper****1) To cite all the evaluations for this article:**Faculty of 1000 Biology: evaluations for Kokko H & Rankin DJ *Philos Trans R Soc Lond B Biol Sci* 2006 Feb 28 361 (1466) :319-34  
<http://www.f1000biology.com/article/id/1064846/evaluation>**2) To cite an evaluation by a specific Faculty member:**William Fagan: Faculty of 1000 Biology, 7 Feb 2007 <http://www.f1000biology.com/article/id/1064846/evaluation>