

Accepted Manuscript

How spatial structure and neighbor uncertainty promote mutualists and weaken Black Queen effects

Simon Maccracken Stump, Evan Curtis Johnson, Zepeng Sun, Christopher A. Klausmeier

PII: S0022-5193(18)30089-4
DOI: [10.1016/j.jtbi.2018.02.031](https://doi.org/10.1016/j.jtbi.2018.02.031)
Reference: YJTBI 9374



To appear in: *Journal of Theoretical Biology*

Received date: 29 August 2017
Revised date: 17 February 2018
Accepted date: 26 February 2018

Please cite this article as: Simon Maccracken Stump, Evan Curtis Johnson, Zepeng Sun, Christopher A. Klausmeier, How spatial structure and neighbor uncertainty promote mutualists and weaken Black Queen effects, *Journal of Theoretical Biology* (2018), doi: [10.1016/j.jtbi.2018.02.031](https://doi.org/10.1016/j.jtbi.2018.02.031)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 **Highlights**

- 2 • Gives novel explanation for how space affects facilitation
- 3 • We separate effects of space into key components
- 4 • Improves understand of Black Queen Hypothesis to include space
- 5 • Ties together results of differing models

ACCEPTED MANUSCRIPT

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات