

## Accepted Manuscript

Cooperation-based branching as a mechanism of evolutionary speciation

Karen E. Wood, Natalia L. Komarova

PII: S0022-5193(18)30093-6  
DOI: [10.1016/j.jtbi.2018.02.033](https://doi.org/10.1016/j.jtbi.2018.02.033)  
Reference: YJTBI 9376



To appear in: *Journal of Theoretical Biology*

Received date: 24 April 2017  
Revised date: 13 February 2018  
Accepted date: 26 February 2018

Please cite this article as: Karen E. Wood, Natalia L. Komarova, Cooperation-based branching as a mechanism of evolutionary speciation, *Journal of Theoretical Biology* (2018), doi: [10.1016/j.jtbi.2018.02.033](https://doi.org/10.1016/j.jtbi.2018.02.033)

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      • Mathematical models of division of labor, cooperation and cheating are studied
- 3      • Adaptive dynamics are investigated
- 4      • It is found that branching can be facilitated by cooperation
- 5      • Branching behavior persists even in the presence of cheaters
- 6      • It is proposed that speciation may occur as a consequence of cooperation

ACCEPTED MANUSCRIPT

متن کامل مقاله

دریافت فوری ←

**ISI**Articles

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