



## Natural Selection and Genetic Drift Effects on Neutral Polymorphism

By Sandrine Adiba

LAP Lambert Academic Publishing Dez 2011, 2011.

Taschenbuch. Book Condition: Neu. 220x150x13 mm. This item is printed on demand - Print on Demand Neuware - The diversity of living organisms is essential for their capacity to evolve and adapt to environmental changes. Therefore, determining the factors responsible for the origin and maintenance of diversity remain central and fundamental research objective. The aim of this book was to understand the evolutionary factors maintaining neutral polymorphism. Using a biological model consisting of the bacterium *Escherichia coli* and the social amoeba *Dictyostelium discoideum* enable us to study the natural variability of interactions between the two species. In the second part of this work, we studied the bacterial traits involved in this natural variability. In coevolution experiments, we followed temporal allele frequency variations over 300 bacterial generations under four sets of environmental conditions: with or without biotic factor and with or without spatial structure. The aim of theoretical model we developed was to address the demographic stochasticity effects on neutral allele fixation probability and time to fixation. This book should be useful to professionals in experimentation or theoretical models or anyone else who may be concerning about evolution and population genetics. 216 pp. Englisch.

[DOWNLOAD](#)



 [READ ONLINE](#)  
[ 6.3 MB ]

### Reviews

*Most of these publication is the perfect ebook accessible. It is amongst the most awesome publication i have got read through. You wont truly feel monotony at whenever you want of the time (that's what catalogs are for regarding in the event you request me).*

-- Prof. Edgar Kshlerin

*It is easy in study safer to comprehend. It can be writer in basic phrases and never confusing. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- Emmitt Harber

## See Also

---



### Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



### And You Know You Should Be Glad

HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.A highly personal and moving true story of friend-ship and remembrance from the New York Times bestselling...



### Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



### Ne ma Goes to Daycare

AUTHORHOUSE, United States, 2015. Paperback. Book Condition: New. 216 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This book is about a little biracial (African American/Caucasian) girl s first day of daycare and preparing her for kindergarten....



### Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...



### Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to expand and inspire young minds; this is...