University of Groningen

Species selection and the spatial distribution of diversity

Herrera Alsina, Leonel

DOI:
[10.33612/diss.99272986](https://doi.org/10.33612/diss.99272986)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2019

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Herrera Alsina, L. (2019). *Species selection and the spatial distribution of diversity*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen. <https://doi.org/10.33612/diss.99272986>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Species selection and the spatial distribution of diversity

Leonel Herrera-Alsina

Supervisor: Professor Dr. Rampal S. Etienne

Co-supervisor: Dr. Alex L. Pigot

Species selection and the spatial distribution of diversity

PhD thesis

to obtain the degree of PhD at the
University of Groningen
on the authority of the
Rector Magnificus Prof. C. Wijmenga
and in accordance with
the decision by the College of Deans

This thesis will be defended in public on
Tuesday 5 November 2019 at 11:00 hours

by

Leonel Salatiel Herrera Alsina

born on 25 September 1986
in Mexico City, Mexico

Supervisor
Prof. R. S. Etienne

Co-supervisor
Dr. A. Pigot

Assessment committee
Prof. E. C. Wit
Prof. D. Rabosky
Prof. F. Bokma

Contents

SUMMARY 7

INTRODUCTION..... 11

CHAPTER 1 19

CHAPTER 2 47

CHAPTER 3 77

CHAPTER 4 125

SYNTHESIS 143

DUTCH ABSTRACT

LIST OF PUBLICATIONS..... 159

ACKNOWLEDGEMENTS..... 163