Gull over-travels?
Consequences of diverse migration strategies in a generalist seabird
Brown, J.M.

Publication date
2022

Citation for published version (APA):

General rights
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), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations
If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: https://uba.uva.nl/en/contact, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.
Gull over-travels?

Consequences of diverse migration strategies in a generalist seabird

Morgan Brown
Gull over-travels? Consequences of diverse migration strategies in a generalist seabird.

PhD thesis, Institute for Biodiversity and Ecosystem Dynamics, University of Amsterdam, The Netherlands

This thesis was supported by a Alexander Graham Bell Canada Graduate Scholarship awarded to Morgan Brown by the Natural Sciences and Engineering Research Council of Canada (PGSD3-503551-2017). A grant from the Ecology Fund awarded to Morgan Brown by the Royal Netherlands Academy of Arts and Sciences was used to purchase heart rate loggers (KNAWWF/807/19004).

All data and scripts used to produce results in this these are archived in the IBED Institutional Data Repository on research drive according to the IBED Research Data Archiving Requirements (V1).

ISBN: 978-94-93260-07-8

Illustrations: Morgan Brown
Lay-out: Esther Beekman (www.estherontwerpt.nl)
Printed: Ipskamp printing
Gull over-travels?
Consequences of diverse migration strategies in a generalist seabird

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad van doctor
aan de Universiteit van Amsterdam
op gezag van de Rector Magnificus
prof. dr. ir. K.I.J. Maex
ten overstaan van een door het College voor Promoties ingestelde commissie,
in het openbaar te verdedigen in de Agnietenkapel
op dinsdag 5 april 2022, te 15.00 uur

door Jennifer Morgan Brown
geboren te Milton
Promotiecommissie

Promotores:          prof. dr. J.Z. Shamoun-Baranes          Universiteit van Amsterdam
                      prof. dr. ir. W. Bouten                  Universiteit van Amsterdam

Overige leden:       prof. dr. A.M. de Roos               Universiteit van Amsterdam
                      prof. dr. B.A. Nolet                   Universiteit van Amsterdam
                      dr. I.M. Smallegange                  Universiteit van Amsterdam
                      dr. ir. E.E. van Loon                 Universiteit van Amsterdam
                      prof. dr. T. Piersma                  Rijksuniversiteit Groningen
                      dr. K.H. Elliott                      McGill University
                      dr. S.C. Patrick                     University of Liverpool

Faculteit der Natuurwetenschappen, Wiskunde en Informatica
Contents
## Chapter 1. General Introduction

Long-distance migrants vary migratory behaviour as much as short-distance migrants: an individual-level comparison from a seabird species with diverse migration strategies

Supplementary Materials for Chapter 2

## Chapter 2. Acceleration as a proxy for energy expenditure in a facultative-soaring bird: comparing dynamic body acceleration and time-energy budgets to heart rate

Supplementary Materials for Chapter 3

## Chapter 3. Migrating further does not affect annual energy expenditure but increases variation in daily energy expenditure in lesser black-backed gulls

Supplementary Materials for Chapter 4

## Chapter 4. Equal survival and reproductive parameters between short- and long-distance migrating lesser black-backed gulls

Supplementary Materials for Chapter 5

## Chapter 5. Consequences of diverse migration strategies: A synthesis

### References
- Author Contributions
- Author Affiliations
- Summary
- Samenvatting
- Acknowledgements