



Universiteit
Leiden
The Netherlands

Genetic patterns of Black-tailed Godwit populations and their implications for conservation

Trimbos, K.B.

Citation

Trimbos, K. B. (2013, November 5). *Genetic patterns of Black-tailed Godwit populations and their implications for conservation*. Retrieved from <https://hdl.handle.net/1887/22110>

Version: Not Applicable (or Unknown)

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/22110>

Note: To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/22110> holds various files of this Leiden University dissertation

Author: Trimbos, Krijn

Title: Genetic patterns of Black-tailed Godwit populations and their implications for conservation

Issue Date: 2013-11-05

Genetic patterns of Black-tailed Godwit populations and their implications for conservation

by Krijn Trimbos

Trimbos, Krijn

Genetic patterns of Black-tailed Godwit populations and their implications for conservation

PhD thesis Leiden University, The Netherlands

Cover design and Lay-out : René Glas (www.reneglas.com)

Photo's : Krijn Trimbos

Printed by : Wöhrmann Print Service, Zutphen

ISBN: 978-94-6203-452-5

2013, ALL RIGHTS RESERVED.

Genetic patterns of Black-tailed Godwit populations and their implications for conservation

PROEFSCHRIFT

ter verkrijging van
de graad van Doctor aan de Universiteit Leiden,
op gezag van Rector Magnificus prof.mr. C.J.J.M. Stolker,
volgens besluit van het College voor Promoties
te verdedigen op dinsdag 5 november 2013
klokke 15:00 uur
door

Krijn Baptist Trimbos

geboren te Leiden
in 1979



promotie commissie

- Promotores
- Prof. dr. Geert R. de Snoo
(Dean of the Faculty of Science, CML, University of Leiden)
 - Prof. dr. Theunis Piersma (Universiteit Groningen, NIOZ)

- Co-promotor
- Dr. Kees J.M. Musters (CML, University of Leiden)

- Overige leden
- Prof. dr. Nico M. van Straalen (VU Amsterdam)
 - Prof. dr. Jacob Höglund (Uppsala University)
 - Prof. dr. Frank Berendse (Wageningen University)

Chapter	title	page
1	General introduction	7
2	Using eggshell membranes as a DNA source for population genetic research	23
3	Intronic variation on the CHD1-Z gene in Black-tailed Godwits <i>Limosa limosa limosa</i> : correlations with fitness components revisited	37
4	No evident spatial genetic structuring in the rapidly declining Dutch Black-tailed Godwit <i>Limosa l. limosa</i> population	53
5	Genetic differentiation between Dutch Black-tailed Godwit breeding sites re-examined using D statistics	69
6	Patterns in nuclear and mitochondrial DNA reveal historical and recent isolation in the Black-tailed Godwit (<i>Limosa limosa</i>)	77
7	General discussion	103
	Summary	119
	Samenvatting	123
	Curriculum Vitae	129
	Publications	133

