

JAV-01709

Machín, P., Remisiewicz, M., Fernández-Elipe, J., Jukema, J. and Klaassen, R. H. G. 2018. Conditions at the breeding grounds and migration strategy shape different moult patterns of two populations of Eurasian golden plover *Pluvialis apricaria*. – J. Avian Biol. 2018: e01709

Supplementary material

APPENDIX 1

Table A1. Models used to determine the effect of sex on moult parameters estimated for five primaries combined in adult golden plovers caught during breeding seasons 2010–2013 at Ammarnäs (N Sweden) (above) and Iceland (below). The models were ranked by Akaike’s Information Criteria corrected for small sample (AIC_c), df is the number of parameters in a model, ΔAIC_c gives the difference in AIC_c from the best model, the Akaike weights (w_i) assess the relative support that a given model has from the data compared with the other models. Best fitted models in bold face.

Model	Moult parameters	Moult parameters assumed	df	AIC _c	ΔAIC _c	w _i
	affected by the sex used as a covariate	constant				
1	start date	SD, duration	4	311.40	0.00	0.27
2	duration	start date, SD	4	312.30	0.90	0.17
3	start date and SD	duration	5	313.84	2.44	0.08
4	start date, duration	SD	5	314.00	2.60	0.07
5	SD	start date, duration	4	313.75	2.35	0.08
6	SD, duration	start date	5	314.89	3.49	0.05
7	start date, SD, duration	none	6	316.52	5.12	0.02
8	none	start date, SD, duration	3	319.80	8.40	0.00

Model	Moult parameters	Moult parameters assumed	df	AIC _c	ΔAIC _c	w _i
	affected by the sex used as a covariate	constant				
1	start date	SD, duration	4	224.88	0.00	0.26
2	start date and SD	duration	5	226.39	1.51	0.12

3	SD, duration	start date	5	226.40	1.51	0.12
4	start date, duration	SD	5	226.50	1.61	0.12
5	duration	start date, SD	4	227.17	2.28	0.085
6	none	start date, SD, duration	3	226.74	1.86	0.10
7	SD	start date, duration	4	229.08	4.20	0.03
8	start date, SD, duration	none	6	233.78	8.89	0.00
