

Family	Common name	Scientific name	Demographic parameter	Age class	Age (years)	Mean	Standard deviation	0.025 confidence interval	0.975 confidence interval	Standard error	Study area	Region	Country	Number of years in study	Data collection method (MR - mark-recapture; RR - Ring-recovery; Joint - ring-recovery and mark-recapture)	Estimation method (VR - variable recapture; CR - constant recapture)	Study Period	Reference (all references are listed in the main report)	Cited by
Sea duck	Long-tailed duck	<i>Clangula hyemalis</i>	survival	adult		0.720												Boyd 1962	
Sea duck	Long-tailed duck	<i>Clangula hyemalis</i>	survival	adult		0.740					Yukon-Kuskokwim Delta	Alaska	US	9	MR	VR	1994-2002	Schamber et al 2009	
Sea duck	Long-tailed duck	<i>Clangula hyemalis</i>	productivity			1.900	0.660						Iceland	5			1963-1970	Bengtson 1972	
Sea duck	Long-tailed duck	<i>Clangula hyemalis</i>	age of recruitment			2.000												Cramp and Simmons 1977	

To assess **quality**, the estimate is scored on the number of years considered by the study, the number of individuals included per year and whether an estimation of the range or error is available with the estimation. To assess **representation**, the estimate is scored on whether the data reflects a UK-based study, includes recent data (<10 years old), and whether the trajectory of the study colony reflects the current UK population trend. Consequently, this scoring system assesses representation at the national scale. Each criterion receives a 0 for “no”, 1 for “partially or unknown and therefore requiring further evaluation”, and 2 for “yes”, scoring quality and representation individually out of 6. Where an estimate combines several studies that conflict on specific criteria, a 1 was awarded to signify partial characterisation. Notation: A - adult, J - juvenile, S - stable, Mixed - mixed, I - increasing, D - decreasing, U - unknown.

#### Data Quality

Species	Age	Current UK pop. trend	Survival				Productivity				Age of recruitment				Missed breeding				Dispersal			
			≥5 years	>30 Individual yr <sup>-1</sup>	Range of values available	Total	≥5 years	>30 Individual yr <sup>-1</sup>	Range of values available	Total	≥5 years	>30 Individual yr <sup>-1</sup>	Range of values available	Total	≥5 years	>30 Individual yr <sup>-1</sup>	Range of values available	Total	≥5 years	>30 Individual yr <sup>-1</sup>	Range of values available	Total
Long-tailed duck	A	D	2	1	2	5	2	1	2	5	1	1	0	2	-	-	-	-	-	-	-	-

#### Data Representation

Species	Age	Current UK pop. Trend	Survival				Productivity				Age of recruitment				Missed breeding				Dispersal			
			UK data	Current date	Current trend	Total	UK data	Current date	Current trend	Total	UK data	Current date	Current trend	Total	UK data	Current date	Current trend	Total	UK data	Current date	Current trend	Total
Long-tailed duck	A	D	0	0	1	1	0	0	1	1	0	0	1	1	-	-	-	-	-	-	-	-