

**Supplementary material**

## Appendix 1

**Table A1.** Seasonal variation of body mass in Temminck's stints (mean  $\pm$  SE). The age category 'all' encompassed weighted means from adults, juveniles, and indet for birds with unknown age.

Season	Site	Area	°N	°E	All/indet		Adult		Juvenile		Source	
					Mass (g)	Range	n	mass (g)	n	mass (g)		n
breeding	southern Norway	inland	60.6	7.5	25.2 $\pm$ 0.3	21.6 - 29.5	42				1	
autumn	southern Sweden	coastal	56.2	16.4	24.8 $\pm$ 0.5	18.7 - 36.0	95	25.8 $\pm$ 0.4	53	23.7 $\pm$ 0.5	42	2
	eastern Germany	inland	52.2	12.1	24.8 $\pm$ 0.3	19.5 - 32.0	96	25.3 $\pm$ 0.7	29	24.6 $\pm$ 0.4	46	3
	Czech Republic	inland	49.0	15.0	27.4	20.8 - 34.0	10	26.6	3	27.7	7	4
	Hungary	inland	47.7	16.8	25.0 $\pm$ 0.6	18.4 - 35.6	62	24.8 $\pm$ 1.1	12	24.3 $\pm$ 0.8	30	5
	Switzerland	inland	47.6	9.0	26.4 $\pm$ 1.0	23.0 - 35.0	17	24.5	2	28.2 $\pm$ 1.0	15	6
	central France	inland	47.0	4.0	24.0		2					7
	northern Italy	inland	44.5	12.2	22.5 $\pm$ 0.4	17.2 - 29.9	47	22.4 $\pm$ 0.4	33	22.7 $\pm$ 1.0	14	8
	Dalmatia	coastal	44.0	15.0	25.5	21.0 - 30.0	2					9
	southern France	coastal	43.5	4.3	23.1 $\pm$ 0.5	17.2 - 36.0	139	23.1 $\pm$ 0.4	111	23.2 $\pm$ 0.8	28	6

	southern France	coastal	43.3	3.0	25.0		1	7
	eastern Bulgaria	coastal	42.6	27.5	28.3 ± 1.9	22.0 - 33.0	6	10
non-breeding	Tabalakh /sw Niger	inland	15.1	5.7	24.0	23.0 - 25.0	2	7
	Kenya	inland	0.0	38.0	20.5	17.0 - 26.0	39	11
spring	Malta	coastal	35.9	14.4	20.2 ± 0.4	18.2 - 27.0	9	12
	southern Italy	coastal	37.0	15.3	22.4 ± 1.6	18.6 - 28.5	6	8
	Corsica	coastal	43.0	9.4	18.8 ± 0.4	18.0 - 20.0	6	7
	northern Italy	inland	44.1	11.6	21.1 ± 0.5	18.1 - 23.1	9	8
	northern Italy (*)	inland	44.6	10.9	22.0		1	1
	Czech Republic	inland	49.0	15.0	26.7	25.4 - 29.0	5	4
	eastern Germany	inland	50.6	11.7	23.2 ± 0.7	20.8 - 27.6	9	3
	Wadden Sea	coastal	53.5	6.1	26.7		1	13
	northern Germany	inland	53.7	8.0	21.0		1	14

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## Sources

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