

Appendix 1. The number of willow tit nests where the egg laying date (1st egg day), the hatching date (hatching day), and variables used in the breeding success analysis (the number of hatched chicks (#hatched), average chick weight (biometrics) and the number of fledged chicks (#fledged) are known. Only the first clutches are included. In case of variables used in the analysis of the breeding success, nests where predation, human actions or nest desertion have caused nest failure are excluded. The number of nests is low for early years of the study period. We nevertheless consider our data adequate also for the early years, because the median egg-laying dates are practically equal to the ones from a more extensive data of Orell and Ojanen (1983a).

Year	1975	1976	1977	1978	1979	1980	1981	1982	1983
N(1 st egg day)	19	10	5	10	11	18	17	24	14
Year	1984	1985	1986	1987	1988	1989	1990	1991	1992
N(1 st egg day)	25	24	35	65	68	81	135	143	120
Year	1993	1994	1995	1996	1997	1998	1999	2000	2001
N(1 st egg day)	97	87	79	98	99	126	159	146	95
N(hatching day)	-	-	-	87	83	108	136	132	88
N(#hatched)	-	-	-	88	84	108	135	131	88
N(biometrics)	-	-	-	84	80	99	125	128	83
N(#fledged)	-	-	-	88	85	109	136	132	88
Year	2002	2003	2004	2005	2006	2007	2008	2009	Σ
N(1 st egg day)	69	81	114	118	106	106	104	91	2599
N(hatching day)	61	81	102	103	94	96	68	65	1304
N(#hatched)	61	81	102	103	92	95	88	65	1321
N(biometrics)	57	73	88	96	87	85	80	62	1227
N(#fledged)	61	81	102	103	91	94	85	64	1319