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Appendix 1

Table A1. Study species list. Species are grouped into hole nesters (H) and open cup nesters (O) for analysis using information in Ferguson-Lees et al. (2011).

Nester	Common name	Latin name	BTO code
O	Blackbird	<i>Turdus merula</i>	B
O	Blackcap	<i>Sylvia atricapilla</i>	BC
H	Blue tit	<i>Cyanistes caeruleus</i>	BT
O	Bullfinch	<i>Pyrrhula pyrrhula</i>	BF
O	Chaffinch	<i>Fringilla coelebs</i>	CF
O	Chiff chaff	<i>Phylloscopus collybita</i>	CC
H	Coal Tit	<i>Parus ater</i>	CT
O	Dunnock	<i>Prunella modularis</i>	D
O	Garden warbler	<i>Sylvia borin</i>	GW
O	Goldfinch	<i>Carduelis carduelis</i>	GO
H	Great spotted woodpecker	<i>Dendrocopos major</i>	GS
H	Great tit	<i>Parus major</i>	GT
O	Greenfinch	<i>Chloris chloris</i>	GR
H	House sparrow	<i>Passer domesticus</i>	HS
O	Lesser whitethroat	<i>Sylvia curruca</i>	LW
O	Linnet	<i>Carduelis cannabina</i>	LI
O	Long tailed tit	<i>Aegithalos caudatus</i>	LT
O	Mistle thrush	<i>Turdus viscivorus</i>	M
H	Nuthatch	<i>Sitta europaea</i>	NH
O	Pied wagtail	<i>Motacilla alba</i>	PW
O	Robin	<i>Erithacus rubecula</i>	R
O	Reed bunting	<i>Emberiza schoeniclus</i>	RB
H	Redstart	<i>Phoenicurus phoenicurus</i>	RT
O	Song thrush	<i>Turdus philomelos</i>	ST
O	Spotted flycatcher	<i>Muscicapa striata</i>	SF
H	Starling	<i>Sturnus vulgaris</i>	SG
H	Treecreeper	<i>Certhia familiaris</i>	TC
H	Tree sparrow	<i>Passer montanus</i>	TS
O	Whitethroat	<i>Sylvia communis</i>	WH
H	Willow tit	<i>Parus montanus</i>	WT
O	Willow warbler	<i>Phylloscopus trochilus</i>	WW
O	Wren	<i>Troglodytes troglodytes</i>	W
O	Yellowhammer	<i>Emberiza citrinella</i>	Y
O	Yellow wagtail	<i>Motacilla flava</i>	YW

Appendix 2

Using the language of the Presence software, the unadjusted and adjusted measures of breeding success in the whole passerine community used in this study. The Table is blocked by year and then site pair (the first row for each site is the corvid removal site). Song Terr. is total number of territories. The observed occupancy is the actual brood/territory ratio. The brood detection probability is used by Presence to calculate the adjusted occupancy or brood/territory ratio, which is the measure of nest success used in the main analysis of treatments. Smaller detection probabilities lead to greater adjustments and standard errors, which are taken account of in analysis (see text for details).

2011 Site	Song Terr.	Observed occupancy	Adjusted occupancy (PSI) +/- 1SE	Detection probability (p) +/- 1SE
CLA	76	0.53	0.56 +/- 0.06	0.60 +/- 0.05
	48	0.57	0.63 +/- 0.08	0.58 +/- 0.07
NET	104	0.42	0.72 +/- 0.14	0.25 +/- 0.06
	79	0.19	0.43 +/- 0.20	0.18 +/- 0.09
OWB	154	0.51	0.77 +/- 0.09	0.31 +/- 0.04
	174	0.51	0.67 +/- 0.06	0.38 +/- 0.04
VWL	95	0.55	0.59 +/- 0.06	0.57 +/- 0.05
	53	0.52	0.54 +/- 0.07	0.68 +/- 0.06

2012 Site	Song Terr.	Observed occupancy	Adjusted occupancy (PSI) +/- 1SE	Detection probability (p) +/- 1SE
CAD	120	0.44	0.63 +/- 0.09	0.34 +/- 0.05
	156	0.46	0.62 +/- 0.07	0.37 +/- 0.04
NOR	135	0.3	0.41 +/- 0.07	0.34 +/- 0.06
	98	0.33	0.41 +/- 0.07	0.43 +/- 0.06
OXF	74	0.32	0.49 +/- 0.12	0.30 +/- 0.08
	96	0.45	0.50 +/- 0.06	0.54 +/- 0.05
WAR	96	0.3	0.33 +/- 0.05	0.54 +/- 0.06
	83	0.36	0.49 +/- 0.09	0.36 +/- 0.07

2013 Site	Song Terr.	Observed occupancy	Adjusted occupancy (PSI) +/- SE	Detection probability (p) +/- SE
CHS	101	0.5	0.56 +/- 0.06	0.52 +/- 0.05
	80	0.26	0.35 +/- 0.08	0.37 +/- 0.08
ITC	102	0.3	0.40 +/- 0.07	0.37 +/- 0.06
	102	0.28	0.43 +/- 0.09	0.31 +/- 0.07
MEO	64	0.45	0.51 +/- 0.07	0.52 +/- 0.07
	116	0.37	0.45 +/- 0.06	0.44 +/- 0.06
SNK	72	0.6	0.64 +/- 0.07	0.58 +/- 0.05
	95	0.58	0.65 +/- 0.06	0.52 +/- 0.05

2014 Site	Song Terr.	Observed occupancy	Adjusted occupancy (PSI) +/- SE	Detection probability (p) +/- SE
BUC	93	0.53	0.57 +/- 0.06	0.57 +/- 0.05
	92	0.51	0.54 +/- 0.06	0.61 +/- 0.05
CHO	69	0.49	0.52 +/- 0.06	0.64 +/- 0.05
	106	0.5	0.51 +/- 0.05	0.70 +/- 0.04
PET	136	0.55	0.73 +/- 0.07	0.38 +/- 0.04
	124	0.49	0.55 +/- 0.05	0.53 +/- 0.05
STO	144	0.35	0.71 +/- 0.16	0.20 +/- 0.05
	126	0.39	0.53 +/- 0.08	0.36 +/- 0.05