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8. ACKNOWLEDGEMENTS

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Appendix 1 England's birds in context: a review of the status, numbers and trends of key bird species in England, setting them in a British and international context

SPECIES	Race or Population	England		Conservation Status		Legal Status (1961)	Population in England		Population in Britain		% of British population in England		EEC Breeding Population	Biogeographic Population			Population Trends in England	Accuracy of population estimate(s) for England	Sources				
		Status	Habitat	RDB	Criteria		EBC	Breeding (pairs)	Wintering (individuals)	Breeding (pairs)	Wintering (individuals)	Breeding		Wintering	Breeding Numbers	Area			Wintering Numbers	Area	1	2	3
Red-throated Diver		W	C M E	*	BI WL	A	1		>10000		50-75					75000 WE	=	EG	a	b	c	ag	
Black-throated Diver	G.a. artica	W	C M E	*	WI BR	A	1		1300		25-50					120000 T	=	EG	a	b	ag		
Great Northern Diver		WP	C M E	*	WI BR	A	1		<3000		1-25					5000 WE	=	EG	b	ag			
Red-necked Grebe		Wb	C M E FM	*	BR	M		<5	<5		120-170	100	50-75		470-520	NWE	10000-25000 NWE	=	RBBP/EG	d	a	ag	
Slavonian Grebe		W	C M E	*	BR BL	A	1		400		25-50					NWE	=	EG	b				
Black-necked Grebe		wbp	C M E FM	*	BR BL	M	1	15-30	25-40		110	50	75+			NWE	100000 EUR	=	RBBP/EG	d	a	ag	
Manx Shearwater	P.p. puffinus (nom. race)	Se	C M	*	BI BL	M		1800-2100	235000		<1		306000	294000 WE			=	MSC	e				
Storm Petrel		Se	C M	*	BI BL	A		>2500	20000		>12.5		247000	135000-380000 T			-	MSC	e				
Gannet		Se	C M	*	BI BL	M		780	160000		<0.5		223600	263000 NA			+	MSC	e				
Bittern		Rw	FM	*	BR BD BL	A	1	20-25	50-150		20-25	50-150	100	100			-	RBBP	d	b	b		
Little Bittern		p	FM	*	BR	A	1																
Bewick's Swan	C.c. bewickii	W	FM WG FA	*	WI WL	A	1		7250		c.8000					17000 WCE	=	SS	xx	h	f		
Whooper Swan	Icelandic pop.	W	FM WG FA	*	WI BR	A	1		1580		6000		c.25			18000 T	+	SS	xx	h	f	ah	
Bean Goose	A.f. fabalis (nom. race)	W	FM WG FA	*	WL	M		440	500+		85+					80000 NWE	=	SS	xx	g	zz		
Pink-footed Goose	Iceland & E. Greenland pop.	W	E FM FA	*	WI	M	2(I)	42220	195000		c.20					195000 T	+	SS	xx	h	zz		
Greylag Goose	Iceland pop.	W	C E FM FA WG	*	WI	M	2(I)	14500	(2000)		110000		5-10	0		105000 T	+	SS	xx	h	zz		
Baranicle Goose	Svalbard pop.	W	E FM WG FA	*	WI WL	A		2210	12000		>15					12000 T	=	SS	xx	h	zz		
Brent Goose	B.b. bernicla	W	E WG FA	*	WI WL	M		124000	124000		100					250000 T	+	SS	h	zz	ag		
	B.b. hrota, Svalbard pop.	W	E WG FA	*	WI WL	M		2710	2710		100					4000 T	=	SS	xx	h	zz		
Shelduck		WR	C FM E	*	WI WL	M		58480	12000		75000		>70			250000 NWE	++	SS	i	xx	h	f	
Wigeon		Wb	B C FM FA	*	WI WL	M	2(I)	191720	300-500		250000		<25	>70		NWE	750000 NWE	+	EG/SS	j	xx	h	f
Gadwall		Wb	FM C	*	WI WL	M	2(I)	6570	500-600		c.7000		>90	>90		NWE	12000 NWE	++	SS	i	xx	h	f
Teal	A.c. crecca (nom. race)	Wb	FM WG B C	*	WI	M	2(I)	88430	3500-6000		100000		c.20	>807		NWE	400000 NWE	?/+	SS	i	xx	h	f
Pintail		Wb	C E FM	*	WI BR WL	M	1(I)2(I)	5-10	20800		<40		25000			NWE	70000 NWE	+/+	RBBP/SS	d	xx	h	f
Garganey		S	FM C	*	BR	M	1	18-96	18-98		98-100					NWE	-	RBBP	d				
Shoveler		Wb	FM C	*	WL	M	2(I)	6890	1000-1500		9000		c.75			NWE	40000 NWE	?/+	SS	i	xx	h	f
Pochard		Wb	FM C	*	WI(?) BR	M	2(I)	253-312	30600		260-336		95	c.60		NWE	350000 NWE	+/	RBBP/SS	d	xx	h	f
Scup		W	M C E	*	BR WL	M	1	970	970		3000-3500		c.30			150000 NWE	-	SS	xx	ah	h	i	
Long-tailed Duck		W	M C E	*	WL	M	1	510	20000BA1		<5					2000000 NWE	?	SS	xx	h	ac		
Common Sooty		W	M C E	*	BR WL	M	1	2000+	?		15000-20000		10			800000 WP	-	SS	xx	h	ac		
Velvet Sooty		W	M C E	*	WL	M		?	?		2500-5000					250000 WP	-	SS	h	ac			
Goldeneye		W	C E FM	*	BR	M	1(I)2(I)	imminent	6330		at least 85		15000			NWE	300000 NWE	=	RBBP/SS	d	h	f	
Smew		W	FM	*	WL	M		up to 75	up to 100		up to 100		>75			15000 NWE	?	EG	b	f			
Honey Buzzard		S	WS LH	*	BR	A	1	20+	20+		up to 100					19000 NWE	=	RBBP	d	i			
Red Kite		R	WS U F A	*	BR	A	1	8	100?		110		7	up to 20?		4750 NWE	+	RBBP	d	i			
Marsh Harrier		Sw	FM FA	*	BR	A	1	90	few		up to 100		up to 100	up to 100		3110 NWE	+	RBBP	d	i			
Hen Harrier		RW	U (C LH FA)	*	SC	A	1	16	400		500		750-1200	<4	50+	3985-5020		SS	a	m	f	af	
Montagu's Harrier		S	FA FM	*	BR	A	1	7-15	7-15		100					4677-4815		RBBP	d	i			
Coshawk	[see notes]	R	WS	*	BR	A	1	91-118	112-166		up to 75					12120-13070		RBBP	d	i			
Buzzard	B.b. buteo (nom. race)	R	WS FA U	c					12000-15000		24000-35000		140-215000	150-215000 NWE		? NWE	= or +	SS	a	f			
Golden Eagle	A.c. chrysaetos (nom. race)	R	U	*	BI	A	1	1+	424		1000-2000		<1			1127-1186		SS	o	f			
Merlin	F.a. nestalon	R	U (C FM)	*	SC	A	1	220-300	?		350-650		35+	>50		650-750		SS	q	b	f	af	
Hobby		S	LH FA	*		M	1	500+	500+		>95		9400-1100	9000-11000 NWE		?	+	RBBP & EG	d	p	i		
Peregrine	F.p. peregrinus (nom. race)	R	U C	*	BI	A	1	c.150	900+		c.15		4000+	2000+ T		?	+	SS & EG	a	r	i		
Red Grouse	L.l. scoticus	R	U	*	BI				260000-660000							260000-660000 T	-	EG	a	a			
Black Grouse		R	U	*	SC				10000-50000		10000-100000						-	EG	j	a			
Red-legged Partridge		R	FA DG	c					100000-200000		500000+						-	EG	j				

Note: Key to sources is given in Appendix II and an explanation and discussion of data fields is provided in Appendix III.

Appendix I (continued) England's birds in context: a review of the status, numbers and trends of key bird species in England, setting them in a British and international context

SPECIES	Race or Population	England		Conservation Status		Legal Status (1981)	Population in England		Population in Britain		% of British population in England		EEC Breeding Population	Biogeographic Population		Population Trends in England	Accuracy of population estimate(s) for England	Sources							
		Status	Habitat	Britain	EBC		Breeding (pairs)	Wintering (individuals)	Breeding (pairs)	Wintering (individuals)	Breeding	Wintering		Breeding Numbers	Area			Wintering Numbers	Area	1	2	3	4		
Grey Partridge		R	FA DO	* BD					500000	<1000000						..	EO	j							
Quail		S	FA DO	* BR	M		see notes									..	RBBP	d a							
Spotted Crane		S	FM	* BR	A		up to 15		c.20		?					..	RBBP	d							
Corncrake		S	WG	* BD	A	1	<5		550-600		<1		3500-5500	3500-6000	WE	..	RBBP & SS	d t							
Crane	G.g. grus (nom. race)	R	FM	* BR	A		1.3	up to 9	1.3	up to 9	100		c.500	20000-25000	NW&CE	=	RBBP	d a u							
Oystercatcher	H.o. ostralegus	WR	C E FM	* WI WL	M			218320	33000-43000	330760			66	140000-155000	211000-224000	NW&CE	+	SS	v yy w x						
Black-winged Stilt		p(b)	C	* BR	A	1											+	RBBP	a d						
Avocet		R	C E	* BR BL WL	A	1	up to 520+	930	up to 520+	930	100	100	19000	19000-19700	NW&CE	67000	EAF	++	RBBP/SS	d k w x					
Stone Curlew	B.o. oedicnemus (nom. race)	S	DO FA LH	* BR BD BL	A	1	up to 160		up to 160		100		6000-20000	6500-20500	NW&CE	..&=	RBBP	d a w							
Little Ringed Plover		S	FM BE	* BR	M	1	610		610+		up to 100		8200-18600	16900-28000	NW&CE	++	SS	y w							
Ringed Plover	C.h. hiaticula	WR	C E FM	* WI WL	M		2389	10800	8600+	33810	c.28	32	12200-13500	12500-13800	NW&CE	48000	EAF	++	SS	z yy w x					
Kestrel Plover		p(b)	C	* BR	M	1											..	RBBP	a d						
Dotterel		S	U	* SC	A	1	<5	c.860			<1		<900	36500	NW&CE	..	RBBP	d aa w							
Golden Plover		WR	U (WG FA E)	* WI SC	A	2(1)		22600	140000	200000		70	<23250	609000	NW&CE	1000000	EAF	..	EO	bb u					
Grey Plover		Wp	E C	* WI WL	M			35260		39410		90					168000	EAF	++	SS	yy x				
Lapwing		WR	WG DO FA U	c*	M		105400-126050		210000-225000	1000000	c.54		520050-563500	847000-891000	NW&CE	7000000	WP	..	SS/EO	cc b w x	ae				
Knot	C.n. islandica	Wp	E C	* WI WL	M			266050		283190		94					345000	EAF	..&+or	SS	yy x				
Sanderling		W	B C	* WI WL	M			13230		17380		76					123000	EAF	..	SS	yy x				
Purple Sandpiper		WP	C	* BR BL	M	1		3660		20000		18					50-200000	EAF	? or +	SS	dd ee a x				
Dunlin	C.a. schinzii (temperate pop.)	SP	U	*	M				9150	very few, if any				21000	T		..	MSC	a w						
	C.a. alpina (nom. race)	Wp	E C FM	* WI WL	M			390830		450610		87					1373000	EAF	? or +	SS	yy x				
Ruff		PWh	WG FM C	* BR BL	A	1	0-32		0-32	1400	100	75-100	2020-2360	247000	NW&CE	1000000	EAF	..	RBBP/EO	d b w x					
Saige	G.g. gallinago (nom. race)	WRP	WG U C	c	M	2(1)	5000-10000		30000	300000+	17-33		77000-82000	530000-539000	NW&CE	1000000+	EAF	..	SS/EO	ff b w x					
Black-tailed Godwit	L.l. limosa (nom. race)	S	WG	* BR BL	M	1	up to 50		50+		up to 100		93000-114000	102000-123000	NW&CE		..	RBBP	d w						
	L.l. islandica	W	E	* WL	M	1		7070		7180		99					66000	EAF	..&+	SS	yy b x				
Bar-tailed Godwit	L.l. lapponica (nom. race)	WP	E C	* WI WL	M			46290		58690		79					115000	EAF	=	SS	yy x				
Curlew	N.a. arquata (nom. race)	WR	WG U B C	* BI WI	M			62770	33000-38000	130500		48	56000-62000	122000-128000	NW&CE	348000	EAF	+7/+	SS	yy w x					
Redshank	T.t. totanus (nom. race)	WR	WG FM C B	* WI WL	M			61190	30000-33000	104220		59	80000-88500	164000-172000	NW&CE	190000	EAF	-/+	SS	v yy w x					
Ovenshank		Pw	C E FM	* SC	M	1				600-1000							19000	EAF	..	SS	h x				
Turnstone		W	C E	* WI	M			35640		56310		63					up to 170000	EAF	=	SS	yy x				
Mediterranean Gull		wpb	C FM	* BR BL	A	1	up to 15		up to 15	100-150	100	75-100	3000+	215000-305000	T		600000+	T	+	RBBP/EO	d b u				
Little Gull		P(b)	FM C	* BR	M	1	0-1		0-1	c700	100	50-75	up to 20	2200-3200	WP		?	WP	..	RBBP/EO	d b u				
Herring Gull	L.a. argentatus (nom. race)	RW	C FM FA BE	c	M	P	28030		161100	275600+	17	25-50	610000	940000	WE		?	WE	..	SS	e b				
Kittiwake	R.t. tridactyla (nom. race)	Se	C M	c	M		126570		493300		26		550400	3170000	WE				++	SS	e				
Sandwich Tern	S.a. sandvicensis (nom. race)	Se	C M	* BI BL	A		11300		14000		81		<50000	55000	WE				++	SS	e				
Roseate Tern		Se	C M	* BI BR BD BL	A	1	40-45		172-177		25		1550-1590	1770	EA				..	RBBP	d e				
Common Tern	S.t. hirundo	Se	C M FM	*	A		5260		12300		43		47200-53000	122250	EU&A				=	SS	e kb				
Arctic Tern		Se	C M	* BI	A		4587		78200		6		96000-100300	900000	T				=	SS	e				
Little Tern	S.a. albifrons (nom. race)	Se	C M	* BI BL	A	1	1940		2400		81		15550-17650	67700	EU&A				++	SS	e				
Black Tern		P(b)	FM C	* BR	A	1			14000+										..		u				
Guillemot	U.a. albonis & saige	Se	C M	* BI	M		61720		1050100		6		12118300	4500000	EA				++	SS	e				
Razorbill	A.t. islandica	Se	C M	* BI	M		10800		147700		7		182500	1150000	WE				++	SS	e				
Puffin	F.a. gracie	Se	C M	c	M		31240-55400		500000-950000		6		525500-993000	1802000	WE				++	SS	e				
Rock Dove		R	C FA BE	c															..	EO	j				
Turtle Dove		S	FA	c	M			125000			75-100		1500000+	?	WE				+&-		i u				
Barn Owl	T.t. alba (nom. race)	R	FA WG DO	* SC	A	1	3340		4400	11400-22800	76	50-75	?	?	M&B&I				..	SS	jj b				
Short-eared Owl		RW	U C	c	A				1000-10000	4750-47500		50-75	1450-10670	25000-30000	NWE				+		j b u				

Note: Key to sources is given in Appendix II and an explanation and discussion of data fields is provided in Appendix III.

Accuracy of

Appendix I (continued) England's birds in context: a review of the status, numbers and trends of key bird species in England, setting them in a British and international context

SPECIES	Race or Population	England		Conservation Status		Legal Status (1981)	Population in England		Population in Britain		% of British population in England		EEC Breeding Population	Biogeographic Population			Population Trends in England	population estimate(s) for England			Sources
		Status	Habitat	RDB	Criteria		EBC	Breeding (pairs)	Wintering (individuals)	Breeding (pairs)	Wintering (individuals)	Breeding		Wintering	Breeding	Area		Wintering Numbers	Area	1	
Nighthawk		S	LH WS	*	SC	A	1930		2023		95	?				SS	kk	u			
Kingfisher		R	FM	c		A	1		3000-7000	7000-12000		?		22000 NWE							
Hoopoe		p(b)	WS	*	BR	M	1					?		9000-22000 NWE							
Bee-eater		p(b)	FM	*	BR	M	1														
Wynneck		ps	WS	*	BR	M	1	0.2	1-8		?										
Lesser Spotted Woodpecker		R	WS						5000-10000	20000-40000	>75	>75									
Woodlark		R	LH WS	*	BR	A	1	up to 350+	150-200	up to 350+	150-200	100									
Shorelark		WP	C	*	BR	M	1								?	NWE					
Sand Martin		S	FM FA BE	c		M			100000-500000												
Swallow		S	FA FM BE	c		M			500000-600000												
Water Pipit		W	FM C																		
Yellow Wagtail	M.f. flavissima	S	WG FA FM	c		M															
Dipper		R	U	c					30000 B&I	15-60000 B&I				T							
Nightingale		S	WS	c		M		4-5000	4000-5000		100										
Black Redstart		Rpw	BE	*	BR		1	up to 120	up to 120	c.500	100	60									
Redstart		S	WS FA	c		M			90000-140000												
Whinchat		S	U WJ LH	c		M			20-40000 B&I												
Stonechat		R	LH C	c					30000+ B&I	30-60000 B&I											
Wheatear		S	U DG	c		M			80000 B&I												
Ring Ouzel		S	U	c		M			8-16000 B&I												
Fieldfare		WPb	WS FA	*	BR	M	1	1-6	3-13	100000 B&I	33-46										
Redwing		WPb	WS FA	*	BR	M	1	0-1	12-51	100000 B&I	<5										
Cetti's Warbler		R	FM	*	BR	M	1	up to 300+	up to 300+	500-1000	up to 100	up to 100									
Savi's Warbler		S	FM	*	BR BL	M	1	<20	<20		100										
Sedge Warbler		S	FM	c		M			30000 B&I												
Marsh Warbler		S	FM	*	BR BD	M	1	<20	<20		100										
Reed Warbler		S	FM	c		M			40000-80000		>75										
Dartford Warbler		R	LH	*	BR(?) BL	A	1	600-900	600-900	800-1500	100	100									
Lesser Whitethroat		S	WS FA	c					50000-80000		>75										
Whitethroat		S	WS FA	c		M			400000-500000												
Firecrest		Pwb	WS	*	BR	M	1	8-106	19-131	200-400	42-81	75+									
Spotted Flycatcher		S	WS FA	c		M			c.200000												
Bearded Tit		R	FM	*	BL		1	320	1-5000	320	1-5000	100	up to 100								
Penduline Tit		(b)	FM	(*)	(BR)			0-1	0-1												
Golden Oriole		S	WS	*	BR BL	M	1	up to 40	up to 40		100										
Red-backed Shrike		pb	LH WS	*	BR BD	A	1	0-1	0-1												
Raven		R	U C	c					5000 B&I	20000+											
Tree Sparrow		Rp	FA WS	c					285000 B&I	600000+ B&I											
Brambling		WPb	WS	*	BR	M	1	<5	up to 10	500000-2M	up to 100	50-75									
Serín		S	WS	*	BR	M	1	up to 9	up to 9		100										
Linnét		R	FA	c					700000-800000	up to 3M											
Twite	C.f. pipitana	R	U (C)	*	BI WI			?	?	20000-40000	100000+		20000-40000	20000-40000 T		100000+ T					
Parrot Crossbill		pwb	WS	*	BR		1	0-1	0-1												
Scarlet Rosefinch		pb	WS	*	BR	M	1	0-1	0-1												
Hawfinch		R	WS						5000-10000	20000+	>75	>75									
Lapland Bunting	C.f. lapponicus (nom. race)	Wp	C	*	BR	M	1		200-500+	0-1	200-500+	up to 100									
Clrl Bunting		R	FA	*	BR BD BL WL		1	314	up to c.650	314	up to c.650	100									
Corn Bunting		R	FA	c					30000 B&I	<150000		75-100									

Note: Key to sources is given in Appendix II and an explanation and discussion of data fields is provided in Appendix III.

APPENDIX II Key to sources in Appendix I

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