

## 1992 RINGING TOTALS

By Robin M. Ward

Tables 1 & 2 list the ringing totals listings that we have received for the period January to December 1992 inclusive. In addition, since the publication of the ringing totals listings for the years 1987 to 1991, we have received some additional listings for those years. The nomenclature and systematic order used in the tables follow Hayman *et al* (1986). Totals given in parentheses are for chicks, where these were reported separately from fully grown birds. For Britain and Europe the listings are very much providing an indication of both the species and numbers of waders being ringed. However, this has yet to be attained for other parts of the world, most notably, North America. We would like to encourage all members worldwide who catch and ring waders to send us their ringing totals enabling us to present the global picture.

Table 1. Reported totals of waders ringed in Europe between January and December 1992

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
<i>Haematopus ostralegus</i>															
<i>Recurvirostra avosetta</i>						6	(1)	37(38)						2	
<i>Vanellus vanellus</i>						4	(7)	(8)	(6)	(1)			11(446)	15	(61)
<i>Pluvialis apricaria</i>					9			18		(17)					(13)
<i>Pluvialis fava</i>	20														
<i>Pluvialis squatarola</i>	8		3		1			2				11			
<i>Charadrius hiaticula</i>	8				47	35	6	237				240		10	
<i>Charadrius dubius</i>					91										
<i>Eudromias morinellus</i>			2			4	1								
<i>Limosa limosa</i>										(5)					
<i>Limosa lapponica</i>								4				23		1	
<i>Numenius phaeopus</i>						8						1			
<i>Numenius arquata</i>								2(4)				84		5	(13)
<i>Tringa erythropus</i>					5									1	
<i>Tringa totanus</i>					8	4	11	37	(1)	(17)		201	(4)	23	4
<i>Tringa nebularia</i>					13			1							
<i>Tringa ochropus</i>					7		4								
<i>Tringa glareola</i>					331			1							
<i>Xenus cinereus</i>															
<i>Actitis hypoleucos</i>					90		1(1)	2(7)							1
<i>Arenaria interpres</i>	5	4	2		12	43	3	1				311		1	8
<i>Phalaropus lobatus</i>	3					56									
<i>Phalaropus fulicarius</i>	4		2												
<i>Scolopax rusticola</i>				104			2				147				
<i>Gallinago gallinago</i>					8		1	9				2	(6)		
<i>Lymnocyptes minimus</i>							2	1							
<i>Calidris canutus</i>						157	3	3				16			30
<i>Calidris alba</i>	6						1	1				17			
<i>Calidris minuta</i>	28	7			144	90	19	117							
<i>Calidris temminckii</i>	8				60	2		1							
<i>Calidris melanotos</i>	6		6		1										
<i>Calidris maritima</i>	20					604						5		2	
<i>Calidris alpina</i>	16	3	17		826	240	610	398	17(43)	26(53)		216		281	33
<i>Calidris ferruginea</i>	10	3	1		71		1	9							
<i>Limicola falinellus</i>					1										
<i>Philomachus pugnax</i>	1		3		62	15		64		(6)					

Table 1. (continued).

	P	Q	R	S	T	U	V	W	X	Y	Z	AI	BI	CI	DI
<i>Haematopus ostralegus</i>	296(3)	185(5)	8		70(5)	1288	10(3)	(7)			4			8	61
<i>Recurvirostra avosetta</i>							9	(13)						2(531)	
<i>Fanellus vanellus</i>	1(28)	(79)		(44)			19(13)	(23)	1				3		
<i>Pluvialis apricaria</i>				(4)					2		34	3	2	6	2
<i>Pluvialis squatarola</i>					16	219	15				9	65	2	4	1
<i>Charadrius hiaticula</i>		48	26			20	(11)	(11)	2						
<i>Charadrius semipalmatus</i>	438(21)								2		1	38	27		
<i>Charadrius dubius</i>									1					73(61)	
<i>Charadrius alexandrinus</i>									1						
<i>Limosa limosa</i>						114	32		1		17	3		110	
<i>Limosa lapponica</i>						74					18				
<i>Numenius phaeopus</i>						2	9				4				
<i>Numenius arquata</i>	(6)	(4)	1		38	123	24				3	2			28
<i>Tringa erythropus</i>						48	251	(3)	23		82	107	11	5	
<i>Tringa totanus</i>	(1)	(19)	3	(2)		7	7		6		1	1			
<i>Tringa nebularia</i>			1				3						4		
<i>Tringa ochropus</i>											3				
<i>Tringa glareola</i>									2		26	14	35		
<i>Actitis hypoleucos</i>											47	187	183	15	
<i>Arenaria interpres</i>											20	15	8		
<i>Phalaropus lobatus</i>		60			3	72					1	2			
<i>Scolopax rusticola</i>							1			60(19)					
<i>Gallinago gallinago</i>	121		2	(1)			3		1	29	10	1	9		
<i>Lymnocyptes minimus</i>	4		1				2						4		
<i>Calidris canutus</i>	21		2			484	2				96	33		124	
<i>Calidris alba</i>	21	474	3			2	1				7	9	3	3	
<i>Calidris minuta</i>											19	154	3	1	
<i>Calidris temminckii</i>											13				
<i>Calidris maritima</i>		1			48	1			155		1181	2807	16	587	99
<i>Calidris alpina</i>	154	252	170			3872	697				37	96		146	
<i>Calidris ferruginea</i>	1										12				
<i>Limicola facinellus</i>											8	48	3	1	
<i>Philomachus pugnax</i>							3		1						

Table 1. (continued).

	EI	F1	G1	H1	I1	J1	K1	L1	M1	N1	O1	P1	Q1	R1	S1
<i>Haematopus ostralegus</i>	6(4)				6	2(6)	168		58						
<i>Himantopus himantopus</i>								(22)					1		(4)
<i>Recurvirostra avosetta</i>		7(12)	1		12	(67)	1(39)	(577)	2	(511)	6		3	15	(3)
<i>Vanellus vanellus</i>					9		1				1				
<i>Pluvialis apricaria</i>					2		13		133				13		
<i>Pluvialis squatarola</i>					6		3	5(34)	13				3		
<i>Charadrius hiaticula</i>			1		8	(1)		1					2	6	
<i>Charadrius dubius</i>	44(11)							7(30)				41(43)	9	25	
<i>Charadrius alexandrinus</i>					1					(15)	1				
<i>Eudromias morinellus</i>							4(12)								
<i>Limosa limosa</i>					49	1(41)	6		111						
<i>Limosa lapponica</i>					2	23	14		386						
<i>Numenius phaeopus</i>	1	1		(11)	8	(17)	6		22						
<i>Numenius arquata</i>		4			4		1								
<i>Tringa erythropus</i>	6	5	1		17	1(13)	253(1)	(6)	26	(37)	7		12	126	
<i>Tringa totanus</i>													1	1	
<i>Tringa stagnatilis</i>	1	16			38								8		
<i>Tringa nebularia</i>	1	21			39										
<i>Tringa orchropus</i>		3	10		12										
<i>Tringa glareola</i>															
<i>Xenus cinereus</i>															
<i>Actitis hypoleucos</i>	10	5	23		20		1		11						
<i>Arenaria interpres</i>															
<i>Phalaropus lobatus</i>	46	9	14		2				52		706		46(4)		
<i>Scolopax rusticola</i>	3	1	5		3						2				
<i>Gallinago gallinago</i>	1	1			1	11			44						19
<i>Lymnocyptes minimus</i>	4						35								
<i>Calidris canutus</i>	11														
<i>Calidris alba</i>	4				3								255	34	3
<i>Calidris minima</i>													4(1)		1
<i>Calidris temminckii</i>															
<i>Calidris maritima</i>	22	1	1		12		494		561				1741	50	1
<i>Calidris alpina</i>	98						1		1				222	38	
<i>Calidris ferruginea</i>													334	4	
<i>Limicola falcinellus</i>													605	1	4
<i>Philomachus pugnax</i>	1	9							2		50				

Table 1. (continued).

	T1	U1	V1	W1	X1	Y1	Z1	A2	B2
<i>Haematopus ostralegus</i>									
<i>Himantopus himantopus</i>	2	(5)							5
<i>Recurvirostra avosetta</i>	1	(2)	1(85)	1		2			11
<i>Burhinus oedicnemus</i>		(1)	2(18)			9			
<i>Gareola pratincola</i>		2(170)							
<i>Vanellus vanellus</i>			(2)						5
<i>Pluvialis squatarola</i>			10			2			22
<i>Charadrius hiaticula</i>	2	1	13	3		1		3	6
<i>Charadrius alpestris</i>	16	9(2)	27(9)	32		1			380
<i>Charadrius alexandrinus</i>	14	2	78(34)	17	(32)	438			513
<i>Charadrius leschenaultii</i>									1
<i>Limosa limosa</i>	1		27			11			29
<i>Limosa lapponica</i>			4						
<i>Numenius phaeopus</i>	1		11	1		1	2		2
<i>Numenius arquata</i>	1		4	1					2
<i>Tringa totanus</i>	3	2	6	1		3			
<i>Tringa totanus</i>	25		13(2)	21		40	1	2	857
<i>Tringa stagnatilis</i>	32	8	7						34
<i>Tringa nebularia</i>	1	40	1	4		8			1
<i>Tringa ochropus</i>	9	4	1	12		1			7
<i>Tringa glareola</i>	109	21	16	193					2
<i>Xenus cinereus</i>									52
<i>Actitis hypoleucos</i>	3	10	166	171		8	22		22
<i>Arenaria interpres</i>			1			1			38
<i>Phalaropus lobatus</i>									6
<i>Gallinago gallinago</i>	48	13	3	78	6	2			34
<i>Lymnocyptes minimus</i>	1	1	1	8					
<i>Calidris canutus</i>						1		1	
<i>Calidris alba</i>						1			
<i>Calidris mimuta</i>	122	7	106	336		422			172
<i>Calidris temminckii</i>	11		15						310
<i>Calidris subminuta</i>									8
<i>Calidris acuminata</i>									3
<i>Calidris alpina</i>	52		844	2	1	309		27	76
<i>Calidris ferruginea</i>	9		101	215		632			
<i>Limicola falcinellus</i>			1						
<i>Philomachus pugnax</i>	28	7	416	52	1	12			28

Table 1. (continued).

KEY			
A	International Arctic Expedition, Institute of Evolutionary Animal Morphology & Ecology, Moscow, Russia; Taimyr Peninsula, Siberia		
B	A. Lindstrom, Ecology Building, S-22362 Lund, Sweden; Sibiriyakov Island, Taimyr, Siberia.		
C	Nordfriesisches Wattenmeer Ringing Group, Germany; Lena Delta, Siberia.	C1	Nordfriesisches Wattenmeer Ringing Group, Germany; Waddensea (R. Elbe to the Danish border)
D	Office National de la Chasse, France; U.S.S.R..	D1	G.Nikolaus, Germany; Waddensea, R. Weser.
E	Raasio Wader Ringing Station, Finland; near Kuopio, eastern Finland.	E1	Inselstation des IFV "Vogelwarte Helgoland", Germany; Helgoland.
F	Tromso Ringing Group, Norway; Tromso & Finnmark Counties.	F1	O.A.G.Munster, Germany; Sewage farms at Munster.
G	Magnar Bo (Varen Ringmerkingsgruppe), Norway; Bostraen, Randaberg Rogaland, Koord.	G1	S.Brager & I.Ludwichowski, Germany; Freshwater Lakes, Plon, Schleswig-Holstein.
H	Summore Ringing Group, Norway; More & Romsdal Counties.	H1	M.Boschert, Germany; Upper Rhine Valley, Southern Germany.
I	D.Blomqvist & O.C.Johansson, University of Gotenborg, Sweden; Bohuslan & Halland provinces.	I1	Vogelwerk-groep Castricum, Netherlands; Vinkenbaan Castricum, Noord-Hollands duinreservaat.
J	O.Thorup, Denmark; Tipperne Nature Reserve.	J1	G.J.Gerritsen, Netherlands; West-Overysel.
K	Office National de la Chasse, France; Denmark.	K1	Steltloppringgroep FFF, Netherlands; Provinces of Friesland & Groningen
L	P.R.Evans, Durham University, U.K.; Teesmouth, Cleveland.	L1	P.L.Meininger & C.M.Berrevoets, Netherlands; Delta area, South-west Netherlands
M	P.S.Thompson & D.Parish, Durham University, U.K.; Upper Teesdale, Co. Durham & Eden valley, Cumbria.	M1	Office National de la Chasse, France; Department of Vendee.
N	Tees Ringing Group, U.K.; Teesmouth, Cleveland	N1	Office National de la Chasse, France; Department of Vendee & Loire Atlantique.
O	T.G.Dewdney, U.K.; Saltburn, Cleveland (adults) & North Yorkshire Moors (pulli).	O1	Office National de la Chasse, France; France.
P	North Solway Ringing Group, U.K.; North Solway, Scotland.	P1	O.Pineau, France; Department of Herault.
Q	Morecambe Bay Wader Group, U.K.; Morecambe Bay & S.Solway coast, Cumbria.	Q1	Azov-Black Sea Ornithological Station, Ukraine; Zaporozhie region
R	Spurn Bird Observatory, U.K.; Spurn Point, Humberside.	R1	Korzyukov Anatoli, Odessa State University, Ukraine; Odessa, Nicoljev, North-west Black Sea region.
S	Dark Peak Ringing Group, U.K.; Peak District National Park.	S1	Zagreb Bird Ringing Centre, Institute of Ornithology, Croatia; Croatia.
T	South Pems. Ringing Group, U.K.; Angle Bay & Skomer Is., Pembrokeshire, Wales.	T1	P.P.Weber, Romania; Histria, S.Danube Delta
U	Wash Wader Ringing Group, U.K.; Wash, Lines./Norfolk.	U1	Osservatori Faunistici, Friuli venezia Giulia, N.E.Italy; Marano & Grado Lagoon, Isonzo estuary, Friuli Plain
V	Suffolk Coastal Ringing Group, U.K.; Suffolk estuaries.	V1	Anonima Limicola, Italy; Northern Italy (4 sites)
W	M.A.Adcock, U.K.; Foulness, Essex.	W1	Wader Ringing Group (Naples), G.I.L., Italy; Volturna Plain, Caserta.
X	Farlington Ringing Group, U.K.; South-east Hampshire.	X1	Pillara, Spain; La Coruna (4 sites)
Y	A.Hoodless, Durham University, U.K.; Cornwall & Derbyshire	Y1	Grup Limicols, Spain; Ebro Delta, Tarragona, Catalonia.
Z	Waterbird Research Group "Kuling", Poland; Reda mouth.	Z1	Gaivoton Ringing Group - S.G.H.N.Vigo, Spain; River Lagares & Ramalloa, Provincia Pontevedra.
A1	Gdansk Ornithological Station, Poland; Vistula mouth, Gulf of Gdansk.	A2	Seo-Cantabria, Spain; Saltmarshes of Santona.
B1	J.-J.Seeger, Germany; Gulper See.	B2	S.N.Ezockhov & A.E.Gavzilov, Laboratory of Ornithology, Institute of Zoology, Akademgozodak, Kazakhstan; Alokol Lake, South-east Kazakhstan.

Table 2. Reported totals of waders ringed outside Europe during 1992

	A	B	C	D	E	F	G	H	I	J
<i>Actophilornis africana</i>	8									
<i>Rostrata benghalensis</i>		43	153		2					
<i>Haematopus ostralegus</i>						100				
<i>Haematopus bachmani</i>										
<i>Haematopus fuliginosus</i>			85							
<i>Himantopus himantopus</i>	3(4)		5							
<i>Recurvirostra avosetta</i>	7	15								
<i>Recurvirostra novaehollandiae</i>										
<i>Glaucola pratincola</i>	2(2)									
<i>Vanellus armatus</i>	64(1)									
<i>Vanellus miles</i>		3								
<i>Pluvialis fahra</i>		1	1		38			3		
<i>Pluvialis dominica</i>		1						2		
<i>Pluvialis squatarola</i>	1	47	1	1	14					
<i>Charadrius hiaticula</i>	37			47						
<i>Charadrius semipalmatus</i>					2				1	86
<i>Charadrius dubius</i>										
<i>Charadrius pecuarius</i>										
<i>Charadrius tricollaris</i>	105(29)									
<i>Charadrius alexandrinus</i>	5(8)			267	22					
<i>Charadrius marginatus</i>	31(1)	23	26							
<i>Charadrius ruficapillus</i>			76							
<i>Charadrius bicinctus</i>		50	16	32	18					
<i>Charadrius mongolus</i>		700			15					
<i>Charadrius leschenaultii</i>				1						
<i>Charadrius asiaticus</i>	1									
<i>Charadrius veredus</i>		45								
<i>Charadrius melanops</i>		5								
<i>Charadrius cinctus</i>		12								
<i>Limosa limosa</i>		88			16					
<i>Limosa lapponica</i>		737	186		3					
<i>Numenius mimus</i>		17								
<i>Numenius phaeopus</i>					54					
<i>Numenius arquata</i>	1	12			10					
<i>Numenius madagascariensis</i>					1					
<i>Tringa erythropus</i>					6					
<i>Tringa totanus</i>				26	254					
<i>Tringa stagnatilis</i>	36	5			39					
<i>Tringa nebularia</i>	12	1			26					
<i>Tringa glareola</i>	108	12	27		39					
<i>Xenus cinereus</i>		550	2	12	47					
<i>Actitis hypoleucos</i>	7	1			15					
<i>Actitis macularia</i>										1
<i>Heteroscelus brevipes</i>		341			3					
<i>Arenaria interpres</i>		189	47	64						

Table 2 (con't). Reported totals of waders ringed outside Europe during 1992

	A	B	C	D	E	F	G	H	I	J
<i>Phalaropus lobatus</i>								43		
<i>Phalaropus fulicarius</i>								98		
<i>Gallinago hardwickii</i>			13							
<i>Gallinago stenura</i>					9					
<i>Gallinago megala</i>					3					
<i>Gallinago gallinago</i>				2	24				4	24
<i>Limnodromus griseus</i>										
<i>Limnodromus scolopaceus</i>					1			1		
<i>Limnodromus semipalmatus</i>					17					
<i>Calidris canutus</i>		12	26		16					
<i>Calidris tenuirostris</i>		395			1					
<i>Calidris pusilla</i>		1154								
<i>Calidris alba</i>		6								
<i>Calidris mauri</i>										
<i>Calidris ruficollis</i>										
<i>Calidris minima</i>	253	1511	3354		5			82	154	1086
<i>Calidris subminuta</i>										68
<i>Calidris minutilla</i>		22		328						
<i>Calidris fuscollois</i>										
<i>Calidris bairdii</i>										
<i>Calidris melanotos</i>	1	3						5		297
<i>Calidris acuminata</i>		54						69		5
<i>Calidris paramelanotos</i>			114							9
<i>Calidris alpina</i>			1		3					
<i>Calidris ferruginea</i>										
<i>Limicola falcinellus</i>	113	1029	1379	415	16			7	3	7
<i>Micropalama himantopus</i>		76		214	160					
<i>Tryngites subruficollis</i>				2	7			25		
<i>Philomachus pugnax</i>	169			10	1		47(33)	5		

**KEY**

- A A.J. Tree, Zimbabwe: Zimbabwe.  
 B Australasian Wader Study Group: N.W. Australia expedition (Aug-Oct)  
 C Victorian Wader Study Group, Australia: Victoria  
 D Bahrain Wader Study Project, S.A. Muhammad, Bahrain University, State of Bahrain: Duministan.  
 E D.S. Melville, Hong Kong: Hong Kong.  
 F B. Andres, U.S. Fish & Wildlife Service, Alaska, U.S.A.: Prince William Sound.  
 G R. Lanctot, Dept. of Biology, Carleton University, Ottawa, Canada: Deadhorse (Prudhoe Bay Oilfield), Alaska, U.S.A.  
 H Troy Ecological Research, Anchorage, U.S.A.: Prudhoe Bay, Alaska  
 I K. Clark, New Jersey Endangered Species Program, N.J.: Division of Fish, Game & Wildlife, U.S.A.: New Jersey coast of Delaware Bay  
 J J.A. Spendlow, U.S. Fish & Wildlife Service, Patuxent Wildlife Research Center, Laurel, U.S.A.: Chincoteague National Wildlife Refuge, Virginia

Table 3. Additions to reported totals of waders ringed in and outside Europe during 1987 - 1991

	A	B	C	D	E	F	G	H	I	J
<i>Haematopus ostralegus</i>	1(41)									
<i>Burhinus oedicnemus</i>						1	3	(4)		
<i>Vanellus vanellus</i>	(33)							(22)	(52)	
<i>Pluvialis apricaria</i>	8		1							
<i>Pluvialis squatarola</i>	1		7					3	1	
<i>Charadrius hiaticula</i>	374	25	35	17	90	18	1	1	1	
<i>Charadrius semipalmatus</i>										108
<i>Charadrius dubius</i>		8	51	46	40	66	13	1	(1)	
<i>Charadrius alexandrinus</i>	10								1	
<i>Limosa lapponica</i>	1									
<i>Numenius phaeopus</i>	(18)					3			1	
<i>Numenius arquata</i>						15	1		4	
<i>Tringa erythropus</i>	1(66)		1				28			
<i>Tringa totanus</i>			2				14			
<i>Tringa stagnatilis</i>	1					31			10	
<i>Tringa nebularia</i>						7			1	
<i>Tringa ochropus</i>					2		5		1	
<i>Tringa glareola</i>		1	54	1	60	257	150	1	15	
<i>Xenus cinereus</i>			1							
<i>Actitis hypoleucos</i>	2(6)	10	28	34	46	47	2		24(1)	4
<i>Actitis macularia</i>										
<i>Arenaria interpres</i>	18		1			1				
<i>Phalaropus lobatus</i>										
<i>Scolopax rusticola</i>	(3)									
<i>Gallinago gallinago</i>	5				1	28	22	5	39	
<i>Limnocyrtus minimus</i>						1				
<i>Limnodromus griseus</i>	36	1			1					21
<i>Calidris canutus</i>	20	2			2				1	
<i>Calidris alba</i>										
<i>Calidris pusilla</i>										
<i>Calidris mauri</i>										998
<i>Calidris minuta</i>	163	50	266	43	253	455	39		2	20
<i>Calidris temminckii</i>		9	21	9	73	67	4			
<i>Calidris minutilla</i>										191
<i>Calidris melanotos</i>	1									1
<i>Calidris maritima</i>	1(3)									
<i>Calidris alpina</i>	856	12	93	67	102	153	23	4	9	44
<i>Calidris ferruginea</i>	85	4	14		49	14	16			
<i>Limicola falcinellus</i>					4		3			
<i>Micropalama himantopus</i>										
<i>Tryngites subruficollis</i>										
<i>Philomachus pugnax</i>	97	2	33	1	79	77	4	1		



Table 3 (cont). Additions to reported totals of waders ringed in and outside Europe during 1987 - 1991

KEY

A	Sunmore Ringing Group, Hareid, Norway; More & Romsdal Counties - 1991	H	Osservatori Faunistici, Friuli venezia Giulia, N.E. Italy; Marano & Grado Lagoon, Isonzo estuary, Friuli Plain - 1990
B	Raasio Wader Ringing Station, Finland - 1987	I	Osservatori Faunistici, Friuli venezia Giulia, N.E. Italy; Marano & Grado Lagoon, Isonzo estuary, Friuli Plain - 1989
C	Raasio Wader Ringing Station, Finland - 1988	J	J.A. Spindelov, U.S. Fish & Wildlife Service, Patuxent Wildlife Research Center, U.S.A.; Chincoteague National Wildlife Refuge, Virginia - 1991
D	Raasio Wader Ringing Station, Finland - 1989		
E	Raasio Wader Ringing Station, Finland - 1990		
F	Raasio Wader Ringing Station, Finland - 1991		
G	P. Weber, Medias, Romania; Histra, Danube Delta - 1991		