

1993 RINGING TOTALS

By Robin M. Ward

Tables 1 & 2 list ringing totals received for the period January to December 1993 inclusive. In addition, since the publication of ringing totals for the years 1987 to 1992, we have received some additional totals 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 numbers and species of waders being ringed. However, this has yet to be attained for other parts of the world, most notably, North America. We urge all members worldwide who catch and ring waders to send us their ringing totals to enable us to present a more complete global picture.

Table 1. Reported totals of waders ringed in Europe between January and December 1993.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
<i>Haematopus ostralegus</i>															
<i>Vanellus vanellus</i>			2	1(7)	1(2)	9(13)			2	1	(1)	16(74)	85(5)	(1)	3
<i>Pluvialis apricaria</i>			1		(6)	(13)		(15)	2		(9)	(5)	24(29)	(38)	
<i>Pluvialis fulva</i>	2(2)					4				39					
<i>Pluvialis squatarola</i>	20(46)		1								1				3
<i>Charadrius hiaticula</i>	4	4(8)	58		4(19)	134	2		30	162			386	6	25
<i>Charadrius dubius</i>			103(10)												
<i>Eudromias morinellus</i>									1						
<i>Limosa limosa</i>								(13)		1					
<i>Limosa lapponica</i>							2			2					
<i>Numenius phaeopus</i>					(10)										
<i>Numenius arquata</i>						(6)			1	1	1	(4)	2(1)		
<i>Tringa erythropus</i>			1			1									
<i>Tringa totanus</i>			1	(1)	(6)	15		2(8)	1	310	2	12	378(2)	(1)	2
<i>Tringa nebularia</i>			30			3									
<i>Tringa ochropus</i>			10												
<i>Tringa glareola</i>			333		2(6)										
<i>Xenus cinereus</i>			1												
<i>Actitis hypoleucos</i>			77		2	2	3				(1)				
<i>Arenaria interpres</i>					(44)	11	4		1	24		16		13	
<i>Phalaropus lobatus</i>			7		7(21)										
<i>Scolopax rusticola</i>					(1)	(2)									15
<i>Gallinago gallinago</i>			8			5(1)						(4)			1
<i>Lymnocyptes minimus</i>						3									1
<i>Calidris canutus</i>						14	1			177		6	2	24	1
<i>Calidris alba</i>			1			7	1			8		43	171	376	3
<i>Calidris minuta</i>	1(44)	1(44)	424			107	13		3						
<i>Calidris temminckii</i>	(4)	(4)	142		1(9)										
<i>Calidris melanotos</i>	1(3)	1(3)													
<i>Calidris maritima</i>					51(3)					30					1
<i>Calidris alpina</i>					35(150)					272		6	187	92	107
<i>Calidris ferruginea</i>	84(203)	115(206)	169	26(32)		160	146	16(69)	9		8	6			
<i>Limicola falcinellus</i>	10(30)	10(21)	42			31	2		1						1
<i>Philomachus pugnax</i>			81		1(14)	99									

Table 1. (continued).

	P	Q	R	S	T	U	V	W	X	Y	Z	A1	B1	C1	D1
<i>Haematopus ostralegus</i>															
<i>Recurvirostra avosetta</i>		1192	(15)		13	7(9)	2	7	1				12	(2)	115(13)
<i>Vanellus vanellus</i>	(3)	1	(19)	3(7)			18(157)			25			1	(36)	73(2)
<i>Pluvialis apricaria</i>		11			2		3						18		2(25)
<i>Pluvialis squatarola</i>		183		42	56		10	3	55				14		1
<i>Charadrius hiaticula</i>		44	25(7)	18	65	19(94)	56(7)	89	80	1			6		39
<i>Charadrius semipalmatus</i>													5		9
<i>Charadrius dubius</i>		1			16		84(82)		2	1			1		
<i>Charadrius alexandrinus</i>															
<i>Endromias morinellus</i>													1		
<i>Limosa limosa</i>		179	7							1			1	(10)	4(4)
<i>Limosa lapponica</i>		62		3	3		32	1	20				7		15
<i>Numenius phaeopus</i>		28		3	3				5				4		28
<i>Numenius arquata</i>		183		2	2		1		2		1(7)		22	(17)	7(1)
<i>Tringa erythropus</i>				3	3		1						5		1
<i>Tringa totanus</i>		237	(7)	102	94	5(11)	23	5	133	4			12		210(6)
<i>Tringa nebularia</i>		4		31	3		1			4			12		2
<i>Tringa ochropus</i>					1			1	27	9			32		
<i>Tringa glareola</i>					83					7			33		
<i>Actitis hypoleucos</i>	39(9)	2		1	31	3	3	1	78	1			4		
<i>Arenaria interpres</i>		45			60	4	2	6	20			92	6		10
<i>Phalaropus lobatus</i>					2				1						
<i>Scolopax rusticola</i>		1			23			20					1	1	
<i>Gallinago gallinago</i>								1	31	6			1		
<i>Lymnocyptes minimus</i>									8	1			2	7	
<i>Calidris canutus</i>		3358		4	147	8	22	10	130				1		69
<i>Calidris alba</i>				2	77		6	6	3						
<i>Calidris minuta</i>					186	1	6	10	40	5			6		2
<i>Calidris temminckii</i>					17										
<i>Calidris maritima</i>															
<i>Calidris alpina</i>		2939	1	266	2367	201	436	214	1401	1		7	12		258
<i>Calidris ferruginea</i>		3		13	129	2	96		85	7		1			9
<i>Limicola falcinellus</i>					6				2						
<i>Philomachus pugnax</i>		3			90			1	9	15					4

Table 1. (continued).

	E1	F1	G1	H1	I1	J1	K1	L1	M1	N1	O1	P1	Q1	R1	S1	T1	U1
<i>Haematopus ostralegus</i>																	
<i>Himantopus himantopus</i>	(2)		25					(6)	1	13							
<i>Recurvirostra avosetta</i>	(144)			2	35			(7)	4(39)								
<i>Burhinus oedicnemus</i>								(1)	7(6)	1							
<i>Glareola pratincola</i>		(5)	112(29)		9			(134)		1							
<i>Vanellus vanellus</i>			6						4	1							7
<i>Pluvialis apricaria</i>			29				1		12	3							7
<i>Pluvialis squatarola</i>				3	3		2		21	12			1		3		140
<i>Charadrius hiaticula</i>	(13)						6	10	59	18	8(29)						7
<i>Charadrius dubius</i>	(2)								231(63)	3	(7)	37(25)	117				
<i>Charadrius alexandrinus</i>	6(22)			40(38)	11	75		3(13)	8	3							
<i>Eudromias morinellus</i>																	
<i>Limosa limosa</i>			1						13								1
<i>Limosa lapponica</i>			5										1	1			
<i>Numenius phaeopus</i>			305					6	57	3							
<i>Numenius arquata</i>			3						3	3							
<i>Tringa erythropus</i>		1						1	1	1							2
<i>Tringa totanus</i>	(13)		4(1)			67			77	9				4	1		39
<i>Tringa stagnatilis</i>				2				1	1	2							
<i>Tringa nebularia</i>				2			2	41		3				1			
<i>Tringa ochropus</i>		4							20								28
<i>Tringa glareola</i>		15						28		145							
<i>Xenus cinereus</i>										1							
<i>Actitis hypoleucos</i>		28					16	3	166	6				9		48	110
<i>Arenaria interpres</i>			1			1			7	4				1			77
<i>Phalaropus lobatus</i>					12												
<i>Scolopax rusticola</i>			1328(5)														
<i>Gallinago gallinago</i>		18	5					2	12	27				1			1
<i>Lymnocyptes minimus</i>		3								5			1				
<i>Calidris canutus</i>			8				1		7	1							51
<i>Calidris alba</i>									1								42
<i>Calidris minuta</i>		3						5	163	451			1				783
<i>Calidris temminckii</i>		1		254		4	19	3	2	11			173		3	3	3
<i>Calidris maritima</i>							2										
<i>Calidris alpina</i>		5	87	2640		50	40	207	766	6			149	25	26	8	3609
<i>Calidris ferruginea</i>		9		1533		4	4		150	479			467	5			380
<i>Limicola falcinellus</i>				507													10
<i>Philomachus pugnax</i>		2	2	51			16	2	74	108							51

Table 1. (continued).

KEY

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| <p>A V.K. Ryabitshev, H. Behmann, & M. Gromadzki, Inst. of Plant & Animal Ecology, Ekaterinburg, Russia: Ornithological Station Yaibari, Tyumen region.</p> <p>B H. Behmann (Germany) & M. Gromadzki (Poland): Northern Yamal - Station, Yabari, Siberia.</p> <p>C Raasio Wader Ringing Station, Finland: near Kuopio, eastern Finland.</p> <p>D D. Blomqvist & O.C. Johansson, University of Gotenborg, Sweden: Bohuslan & Halland provinces.</p> <p>E Tromso Ringing Group, Norway: Tromso & Finnmark counties.</p> <p>F Sunnmore Ringing Group, Norway: More & Romsdal counties.</p> <p>G Magnar Bo, Jaren Ringing Group, Norway: Bostraen, Randaberg & Rogaland counties.</p> <p>H O. Thorup, Denmark: Tipperne Nature Reserve.</p> <p>I O.J. Merne, National Parks & Wildlife Service, Ireland: Co. Wexford.</p> <p>J P.R. Evans, Durham University, U.K.: Teesmouth, Cleveland.</p> <p>K Tees Ringing Group, U.K.: Teesmouth, Cleveland.</p> <p>L T.G. Dewdney, U.K.: Saltburn, Cleveland (adults) & North Yorkshire Moors (pulli).</p> <p>M North Solway Ringing Group, U.K.: Solway Firth, Dumfries & Galloway.</p> <p>N Morecambe Bay Wader Group, U.K.: Morecambe Bay, S. Solway & Cumbrian coast.</p> <p>O Spurn Bird Observatory, U.K.: Spurn Point, Humberside.</p> <p>P Dark Peak Ringing Group, U.K.: Peak District.</p> <p>Q Wash Wader Ringing Group, U.K.: Wash, Lincs./Norfolk.</p> <p>R M.A. Adcock, U.K.: Foulness, Essex.</p> <p>S Farlington Ringing Group, U.K.: South-east Hampshire.</p> <p>T Waterbird Research Group "KULING", Poland: Reda mouth region.</p> <p>U H. Behmann, Germany: NSG Bottsand, Schleswig-Holstein, Baltic sea coast.</p> <p>V Nordfriesisches Wattenmeer Ringing Group, Germany: Waddensea (R. Elbe to the Danish border).</p> <p>W Inselstation des IFV, "Vogelwarte Helgoland", Germany: Helgoland/German Bight.</p> <p>X U. Brenning <i>et al.</i>, Germany: Langenwerder, Wismar - Bight.</p> <p>Y O.A.G. Munster, Germany: Sewage farms at Munster.</p> <p>Z M. Boschert, Germany: Upper Rhine Valley, Southern Germany.</p> <p>A1 G-th de Roos, Biological Station "Vlieland", Holland: Vlieland.</p> <p>B1 Castricum Bird Ringing Station, Netherlands: Castricum coast.</p> <p>C1 G.J. Gerritsen, Netherlands: West-Overysse.</p> <p>D1 Steltlopringgroep FFF, Netherlands: Provinces of Friesland & Groningen.</p> <p>E1 P.L. Meininger & C.M. Berrevoets, RIKZ, Netherlands: Delta area, south-west Netherlands.</p> | <p>F1 Swiss Ornithological Institute, Sempach, Switzerland: Switzerland.</p> <p>G1 Office National de la Chasse, France: France.</p> <p>H1 O. Pineau, France: southern France.</p> <p>I1 Azov-Black Sea Ornithological Station, Ukraine: Zaporozhie region.</p> <p>J1 Korzyukov Anatoli, Odessa State University, Ukraine: Odessa, Nicoliev, north-west Black Sea region.</p> <p>K1 Rozkos Wader Ringing Group, Czech Republic: Dam Rozkos, near Ceska Skalice.</p> <p>L1 Osservatori Faunistici, Friuli venezia Giulia, N.E.Italy: Marano & Grado Lagoon, Isonzo estuary, Friuli Plain.</p> <p>M1 Anonima Limicola, Italy: Northern, Central & S.E. Italy (8 sites).</p> <p>N1 Wader Ringing Group (Naples), G.I.L., Italy: Volturna Plain, Caserta.</p> <p>O1 R. Mainardi, Museo Provinciale di Storia Naturale di Livorno, Italy: Provincia di Livorno, Toscana.</p> <p>P1 R. Freudenthal, Netherlands: Ria Formosa, Portugal.</p> <p>Q1 Grup Limicols, Spain: Ebro Delta.</p> <p>R1 Gaivoton Ringing Group - S.G.H.N. Vigo, Spain: O. Grove & Ramallosa, Provincia Pontevedra.</p> <p>S1 Seo-Cantabria, Spain: saltmarshes of Santona.</p> <p>T1 Grupo de Anillamiento "Rias Baixas", Spain: Lagares Marsh, Ria of Vigo, Pontevedra.</p> <p>U1 Ornithological Station, Gdansk, Poland: Vistula mouth, Gdansk.</p> |
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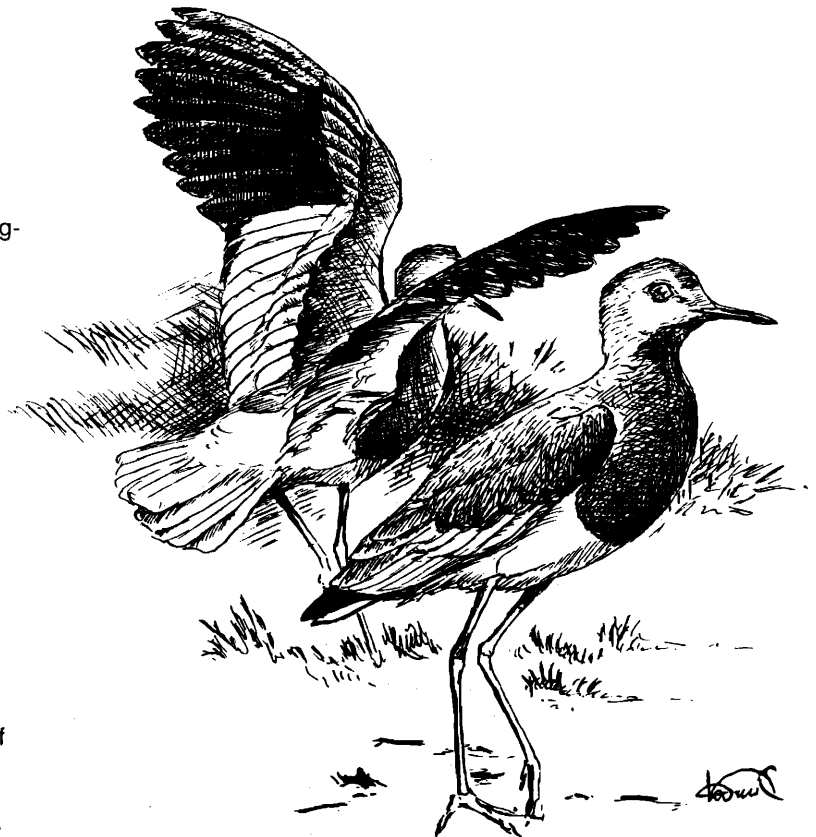


Table 2. Reported totals of waders ringed outside Europe during 1993.

	A	B	C	D	E	F	G	H
<i>Haematopus ostralegus</i>			168					
<i>Haematopus backmani</i>								102
<i>Haematopus moquini</i>	(2)							
<i>Haematopus fuliginosus</i>		14						
<i>Himantopus himantopus</i>	10(6)	13						17
<i>Recurvirostra avosetta</i>	7			7				
<i>Recurvirostra novaehollandiae</i>			62					
<i>Burhinus vermiculatus</i>	1							
<i>Burhinus capensis</i>	1							
<i>Glaucola pratincola</i>	6(3)							
<i>Vanellus armatus</i>	40							
<i>Vanellus coronatus</i>	1							
<i>Vanellus senegalus</i>	5(5)							134
<i>Vanellus chilensis</i>								
<i>Vanellus miles</i>			3					
<i>Pluvialis fulva</i>				5			13	
<i>Pluvialis dominica</i>						1	14	
<i>Pluvialis squatarola</i>	1	3		12			10	7
<i>Charadrius hiaticula</i>	4							
<i>Charadrius semipalmatus</i>								80
<i>Charadrius dubius</i>				1				
<i>Charadrius wilsonia</i>								22
<i>Charadrius pecuarius</i>	338(90)							
<i>Charadrius tricoloris</i>	22							
<i>Charadrius alexandrinus</i>				1				
<i>Charadrius marginatus</i>	4							
<i>Charadrius ruficapillus</i>			14					11
<i>Charadrius collaris</i>		34						
<i>Charadrius bicinctus</i>			37					12
<i>Charadrius falklandicus</i>								
<i>Charadrius mongolus</i>		15	6	1				
<i>Charadrius leschenaulti</i>		73	3	17				
<i>Charadrius melanops</i>		1						
<i>Limosa limosa</i>		14		10				8
<i>Limosa haemastica</i>								
<i>Limosa lapponica</i>		359	65	1				
<i>Numenius phaeopus</i>		1	18	21				
<i>Numenius madagascariensis</i>		11	77					
<i>Tringa erythropus</i>				5				
<i>Tringa totanus</i>				155				
<i>Tringa stagnatilis</i>	4	2		6				
<i>Tringa nebularia</i>	9	13	62	15				
<i>Tringa guttifer</i>				1				
<i>Tringa melanoleuca</i>								15

Table 2 (cont). Reported totals of waders ringed outside Europe during 1993.

	A	B	C	D	E	F	G	H
<i>Tringa flavipes</i>								10
<i>Tringa solitaria</i>								6
<i>Tringa glareola</i>	42	1		2				
<i>Xenus cinereus</i>		101	3	41				
<i>Actitis hypoleucos</i>	6	1		19				190
<i>Actitis macularia</i>								
<i>Heteroscelus brevipes</i>		170		2				
<i>Arenaria interpres</i>		120	45	10				42
<i>Phalaropus lobatus</i>				2		15(5)		
<i>Phalaropus fulicarius</i>				1		34(1)		
<i>Gallinago haradwickii</i>			43					
<i>Gallinago nigripennis</i>	1							
<i>Gallinago gallinago</i>								
<i>Limnodromus semipalmatus</i>				2				6
<i>Callidris canutus</i>		17		13				74
<i>Callidris tenuirostris</i>		5	92	2				
<i>Callidris alba</i>		126	4					
<i>Callidris pusilla</i>	1		195					32
<i>Callidris ruficollis</i>				1		24(4)		420
<i>Callidris minuta</i>	109	221	8098					
<i>Callidris minutilla</i>			1					35
<i>Callidris fuscollois</i>								99
<i>Callidris bairdii</i>								
<i>Callidris melanotos</i>			1			15(1)		
<i>Callidris acuminata</i>			152					
<i>Callidris alpina</i>				3				
<i>Callidris ferruginea</i>	82	30	2256	135				
<i>Limicola falcinellus</i>				2				
<i>Micropalama himantopus</i>								
<i>Tryngites subruficollis</i>					89(46)			
<i>Philomachus pugnax</i>	147					4(4)		

KEY

- A A.J. Tree, Zimbabwe; Zimbabwe & E. Cape Province, RSA.
- B Australasian Wader Study Group: Broome Bird Obs., N.W. Australia.
- C Victorian Wader Study Group, Australia: Victoria
- D D.S. Melville, Hong Kong; Hong Kong.
- E R. Lancot, National Biological Survey, Anchorage, U.S.A.; Deadhorse, Alaska, USA.
- F Declan Troy, TERA, Anchorage, U.S.A.; Prudhoe Bay, Alaska.
- G O.W. Johnson, Dept. of Biology, Montana State University, USA: Nome, Alaska.
- H CEMAVE/IBAMA, Brazil: Brazil.