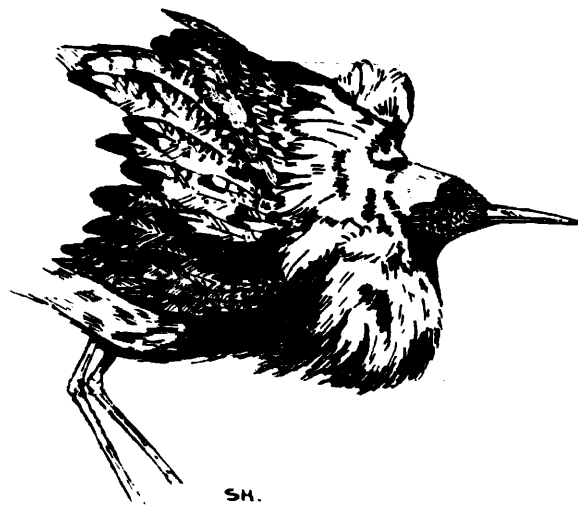


BICONTINENTAL WINTERING GROUP

1. AmOy	42°N	49°S	4°S	36°N	49°S	6°S
2. BlbPl	75°N	62°N	68°N	51°N	37°S	7°N
3. SemiPl	73°N	44°N	58°N	38°N	50°S	6°S
4. GrYl	65°N	51°N	58°N	48°N	55°S	4°S
5. LsYl	70°N	50°N	60°N	35°N	42°S	4°S
6. SolSp	69°N	48°N	58°N	29°N	42°S	6°S
7. SpotSp	69°N	30°N	50°N	50°N	35°S	8°N
8. Whimb	72°N	55°N	64°N	36°N	55°S	10°S
9. RTurn	83°N	60°N	72°N	33°N	41°S	4°S
10. Surf	67°N	58°N	62°N	57°N	52°S	2°N
11. RKnot	83°N	62°N	72°N	43°N	55°S	6°S
12. Sand	83°N	63°N	73°N	49°N	55°S	3°S
13. SemiSp	72°N	52°N	62°N	15°N	22°S	4°S

SOUTH AMERICAN WINTERING GROUP

1. AmGPl	75°N	55°N	65°N	10°S	40°S	25°S
2. WilPh	57°N	35°N	46°N	5°S	45°S	25°S
3. RnPh	74°N	52°N	63°N	2°N	45°S	22°S
4. RedPh	83°N	60°N	72°N	15°S	55°S	35°S
5. UpSp	69°N	36°N	52°N	20°S	40°S	30°S
6. EskCur	70°N	65°N	68°N	22°S	42°S	32°S
7. HudGod	69°N	55°N	62°N	21°S	55°S	38°S
8. WrSp	76°N	64°N	70°N	21°S	55°S	38°S
9. BairSp	83°N	60°N	72°N	0°S	55°S	28°S
10. PectSp	73°N	55°N	64°N	3°S	50°S	26°S
11. StilSp	72°N	55°N	64°N	10°S	38°S	24°S
12. BuffSp	75°N	69°N	72°N	22°S	42°S	32°S



## Recent ringing totals

*compiled by Robin M. Ward*

Table 1 list the ringing totals listings that we have received for the period January to December 1989 inclusive.

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.

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.

### REFERENCE

Hayman, P., Marchant, J. & Prater, A.J. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, London.





Table 1. Reported totals of waders ringed in Europe between January and December 1989

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
<i>Haematopus ostralegus</i>															
<i>Recurvirostra avosetta</i>		20	1(159)	1(92)		475	(5)	(7)		(1)	6	2	1	1045	535
<i>Vanellus vanellus</i>		1	(198)	(132)			(45)	10(66)	29(33)	(68)		20			
<i>Pluvialis apricaria</i>			(1)					1	14	(3)		9			
<i>Pluvialis fulva</i>	6														
<i>Pluvialis squatarola</i>	8											3	2	322	
<i>Charadrius hiaticula</i>												80	22	5	88
<i>Charadrius dubius</i>		7		6(54)	17(2)	178	(1)	135(4)		1(3)					3
<i>Charadrius alexandrinus</i>		42													
<i>Limosa limosa</i>						7						1			
<i>Limosa lapponica</i>						219					11	31		5	
<i>Numenius phaeopus</i>			(10)									1		1	
<i>Numenius arquata</i>			(61)	(23)		121	(10)	(21)				29			
<i>Tringa totanus</i>		567	5(37)	1(14)		903	(6)	19(13)	(4)		12	263	1	133	188
<i>Tringa stagnatilis</i>		2													
<i>Tringa nebularia</i>					(20)									2	1
<i>Tringa glareola</i>		9													
<i>Actitis hypoleucos</i>			(3)						6	1		2			
<i>Arenaria interpres</i>	3			24		101		79			8	3	1	103	60
<i>Phalaropus lobatus</i>	9		(1)												
<i>Phalaropus fulicarius</i>	1								9(3)					4	
<i>Scolopax rusticola</i>			18(6)	2(2)			(4)		6	5		2			
<i>Gallinago gallinago</i>			1	1								1	1		
<i>Lymnocyptes minimus</i>												19	18		1493
<i>Calidris canutus</i>	1		1			654	1	47			16	4	1		
<i>Calidris alba</i>															
<i>Calidris minuta</i>	33														
<i>Calidris temminckii</i>	9														
<i>Calidris melanotos</i>	2														
<i>Calidris maritima</i>			4	78		8						1			
<i>Calidris alpina</i>	11	514	40(6)	4		714		797		3	409	854	173	3062	
<i>Calidris ferruginea</i>	1	8										2		1	

Table 1. (continued).

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
<i>Limicola falcinellus</i>																10
<i>Philomachus pugnax</i>																33

Broad-billed Sandpiper  
Ruff

KEY

- A Beringergemeinschaft Nordfriesisches Wattenmeer, Germany: Taimyr Peninsula
- B A.I.Korzjukov, Mechnikow St. Univ., USSR: Lake Tiligulskie region
- C Shetland Ringing Group, U.K.: Shetland Isles
- D Orkney Ringing Group, U.K.: Orkney Islands
- E P.S.Thompson, U.K.: NW Sutherland
- F Highland Ringing Group, U.K.: Moray Basin
- G F.J.Mawby, U.K.: South Solway marshes & mosses
- H Morecambe Bay Wader Group, U.K.: Morecambe Bay & Cumbrian coast
- I F.J.Mawby, U.K.: Cumbria excluding "H" & "I" totals
- J Durham Ringing Group, U.K.: Vice-County Durham
- K P.R.Evans, Durham University, U.K.: Teesmouth
- L Tees Ringing Group, U.K.: Teesmouth & N.Yorkshire moors
- M Spurn Bird Observatory, U.K.: Spurn Point
- N Wash Wader Ringing Group, U.K.: Wash
- O SCAN Ringing Group, U.K.: North Wales





Table 1. (continued).

	P	Q	R	S	T	U	V	W	X	Y	Z	AI	BI	CI
<i>Haematopus ostralegus</i>	7(20)	(12)		2				(2)	45	4	20	4(1)	60	
<i>Himantopus himantopus</i>														(7)
Black-winged Stilt														
<i>Recurvirostra avosetta</i>	5(32)	(6)						(1)	2		385			(645)
Pied Avocet														
<i>Vanellus vanellus</i>	1(38)	(38)	8					(5)	12	4(54)	160	7(67)		
Northern Lapwing														
<i>Pluvialis apricaria</i>					1									
Eurasian Golden Plover														
<i>Pluvialis dominica</i>						3								
American Golden Plover														
<i>Pluvialis squatarola</i>	8		4	4	12	7			56		64	1		
Grey Plover														
<i>Charadrius hiaticula</i>	9	(3)	37	6	144	5			7	2		5		13(35)
Ringed Plover														
<i>Charadrius dubius</i>			1		20	2				12				1(6)
Little Ringed Plover														
<i>Charadrius alexandrinus</i>						4	94			5	128			26(54)
Kentish Plover														
<i>Limosa limosa</i>			18						37		1			
Black-tailed Godwit														
<i>Limosa lapponica</i>					1				7		5	5		
Bar-tailed Godwit														
<i>Numenius phaeopus</i>	6								7					
Whimbrel														
<i>Numenius arquata</i>	21								183			1		
Eurasian Curlew														
<i>Tringa erythropus</i>			3		6				10	4	20			
Spotted Redshank														
<i>Tringa totanus</i>	60(2)	(4)	103	63	54	6		(5)	127	2	17	38		(17)
Redshank														
<i>Tringa stagnatilis</i>						2								
Marsh Sandpiper														
<i>Tringa nebalaria</i>	3		27	1	1				20	14	4	1		
Greenshank														
<i>Tringa ochropus</i>	3			23						23				
Green Sandpiper														
<i>Tringa glareola</i>				157	23	1				17				
Wood Sandpiper														
<i>Xenus cinereus</i>														
Terek Sandpiper														
<i>Actitis hypoleucos</i>	1		1	40	68				2	8	2			
Common Sandpiper														
<i>Arenaria interpres</i>				68	45	4			8		1	1		
Ruddy Turnstone														
<i>Phalaropus lobatus</i>				2	3	11								
Red-necked Phalarope														
<i>Scolopax rusticola</i>						5								
Eurasian Woodcock														
<i>Gallinago gallinago</i>	108		7	241	34				1	38		1		
Common Snipe														
<i>Lymnocyptes minimus</i>	3			7						1				
Jack Snipe														
<i>Calidris canutus</i>	1		3	83	39	2			18		187	17		
Red Knot														
<i>Calidris alba</i>				16	48				1					
Sanderling														
<i>Calidris minima</i>				26		49(12)			1	2				
Little Stint														
<i>Calidris temminckii</i>				9	8	2								
Temminck's Stint														
<i>Calidris melanootos</i>						1								
Pectoral Sandpiper														

Table 1. (continued).

	P	Q	R	S	T	U	V	W	X	Y	Z	A1	BI	CI
<i>Calidris alpina</i>	Dunlin	416	227	2271	2845	367(12)			640	3	742	239		
<i>Calidris ferruginea</i>	Curlew Sandpiper			70	46	2			1			1		
<i>Limicola falcinellus</i>	Broad-billed Sandpiper			1	5									
<i>Philomachus pugnax</i>	Ruff			15	16	1	(2)		1	35		2		

**KEY**

- P Catchpole, West & Peters, U.K.: Suffolk  
 Q M.A.Adcock, U.K.: Foulness, Essex  
 R Farlington Ringing Group, U.K.: SE Hampshire  
 S Waterfowl Research Group "Kuling", Poland: Puck Bay (Rewe & Jastarnia)  
 T Ornithological Station, Gdansk, Poland: Vistula mouth (Gulf of Gdansk)  
 U Asov-Black Sea Ornithological Station, UkSSR: Ukrainian SSR  
 V T.Szekely, Kossuth Univ., Hungary: Miklapuszta (near Solt) & Southern Hungary  
 W Ole Thorup, Tippieme Nature Reserve, Denmark: Ringkobing Fjord  
 X G.Nikolaus, Germany: Weser River  
 Y OAG Munster, Germany: Sewage farms of Munster  
 Z Beringergemeinschaft Nordfriesisches Wattenmeer, Germany: Wadden-Sea, Schleswig-Holstein  
 A1 J.Onnen, Germany: Wadden-Sea, Friesland  
 B1 C.J.Smit, Research Institute for Nature Management, Netherlands: Texel  
 C1 P.L.Meininger, Netherlands: Delta Area, SW Netherlands

**KEY [to Table 1 (cont.) on the following page]**

- D1 Steltoperringsgroep FFF, Netherlands: Freisland & Groningen  
 E1 G Th De Roos, Agric. Univ., Vlieland, Netherlands: Vlieland, Waddensea.  
 F1 CERA Oiseaux D'eau - ONC, France: Vendee  
 G1 CERA Oiseaux D'eau - ONC, France: Gironde  
 H1 CERA Oiseaux D'eau - ONC, France: Vendee, Loire Atlantique & Deux Sevres  
 I1 CERA Oiseaux D'eau - ONC, France: other sites  
 J1 P.J.Dubois, LPO, France: Atlantic coast  
 K1 Parque Nacional de Donana, ICONA, Spain: Parque Nacional de Donana
- L1 Anonima Limicoli Italia, Italy: Northern Italy (5 sites)





Table 1. (continued).

	D1	E1	F1	G1	H1	I1	J1	K1	L1
<i>Haematopus ostralegus</i>	22(7)		132						(1)
<i>Himantopus himantopus</i>							(95)	(11)	1(12)
<i>Recurvirostra avosetta</i>	28(5)		4					(6)	1(3)
<i>Glaucola pratincola</i>				70	(247)			(25)	27
<i>Vanellus vanellus</i>	(29)								
<i>Pluvialis squatarola</i>	3		144						2
<i>Charadrius hiaticula</i>			6						1
<i>Charadrius dubius</i>								(9)	4
<i>Charadrius alexandrinus</i>									5
<i>Limosa limosa</i>	15(51)		2	1	(4)				
<i>Limosa lapponica</i>			88						
<i>Numenius phaeopus</i>			250						
<i>Numenius arquata</i>	4		22						
<i>Tringa erythropus</i>			3						1
<i>Tringa totanus</i>	10(4)		25	24	(3)				1
<i>Tringa glareola</i>									9
<i>Actitis hypoleucos</i>			1						3
<i>Arenaria interpres</i>		133	4						
<i>Scolopax rusticola</i>						679			
<i>Gallinago gallinago</i>	50(2)		3						16
<i>Calidris canutus</i>			220						
<i>Calidris alba</i>									1
<i>Calidris minuta</i>									63
<i>Calidris maritima</i>		47							
<i>Calidris alpina</i>	28	3	569						61
<i>Calidris ferruginea</i>			1						2
<i>Philomachus pugnax</i>	98		48	7					54