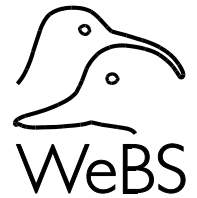


# Wetland Bird Survey



## 5 Species & codes

Wetland Bird Survey (WeBS) monitors all waterbird species, as defined by Wetlands International. In the UK, this includes divers, grebes, cormorants, herons, swans, geese, ducks, rails, waders, gulls and terns, although counting of the last two groups is optional. In addition, WeBS records numbers of Kingfisher. Vagrants, introductions and free-flying escapes of all species in the families listed by Wetlands International are included, e.g. flamingos.

WeBS has adopted the two-letter coding system initially developed by BTO for the Common Birds Census. A list of relevant species and codes is produced below. The list, whilst not exhaustive, includes most species recorded during WeBS surveys to date; a code will be allocated for additional species from the families below as and when they occur. **It is important that both the species name and the two-letter code are recorded on the form.**

For some species, particular races are assigned codes where these are identifiable by field characteristics (e.g. sub-species of Bean Goose and Brent Goose). In these cases, we have flagged the

preferred recording level in normal type, and the less preferred option in faint type; we appreciate however that it may not always be possible to identify to this level during the course of a WeBS count - in which case the generic species code should be used.

Different populations of certain species are also assigned separate codes. These are determined by WeBS staff on the basis of geographical distribution. Counters may assist this process by flagging counts of known naturalised birds by writing '(naturalised)' after the appropriate species name on the recording form.

Counters may also encounter hybrids and 'domestic' birds (e.g. farmyard Mallard or Greylag varieties). Codes for these are also listed below.

There are occasions when it may be impossible to identify birds to species level. At such times, please use one of the 'unidentified' categories listed below - if you can't be accurate, be honest! Such information is still useful in assessing total waterbird numbers using a site.

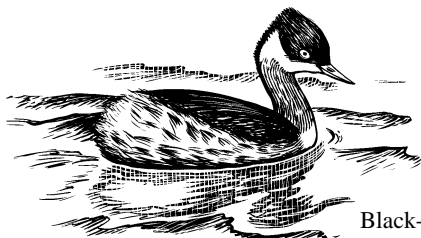
## WeBS species list

### Divers

Red-throated Diver	<i>Gavia stellata</i>	RH
Black-throated Diver	<i>Gavia arctica</i>	BV
Great Northern Diver	<i>Gavia immer</i>	ND
White-billed Diver	<i>Gavia adamsii</i>	WV

### Grebes

Pied-billed Grebe	<i>Podilymbus podiceps</i>	PJ
Little Grebe	<i>Tachybaptus ruficollis</i>	LG
Great Crested Grebe	<i>Podiceps cristatus</i>	GG
Red-necked Grebe	<i>Podiceps grisegena</i>	RX
Slavonian Grebe	<i>Podiceps auritus</i>	SZ
Black-necked Grebe	<i>Podiceps nigricollis</i>	BN



Black-necked Grebe

### Cormorants

Cormorant	<i>Phalacrocorax carbo</i>	CA
Shag	<i>Phalacrocorax aristotelis</i>	SA

### Pelicans

White Pelican	<i>Pelecanus onocrotalus</i>	YP
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### Herons

Bittern	<i>Botaurus stellaris</i>	BI
American Bittern	<i>Botaurus lentiginosus</i>	AM
Little Bittern	<i>Ixobrychus minutus</i>	LL
Night Heron	<i>Nycticorax nycticorax</i>	NT
Green Heron	<i>Butorides virescens</i>	HR
Squacco Heron	<i>Ardeola ralloides</i>	QH
Cattle Egret	<i>Bubulcus ibis</i>	EC
Little Egret	<i>Egretta garzetta</i>	ET
Snowy Egret	<i>Egretta thula</i>	NY
Great White Egret	<i>Ardea alba</i>	HW
Grey Heron	<i>Ardea cinerea</i>	H.
Purple Heron	<i>Ardea purpurea</i>	UR

### Storks

White Stork	<i>Ciconia ciconia</i>	OR
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### Ibises and Spoonbills

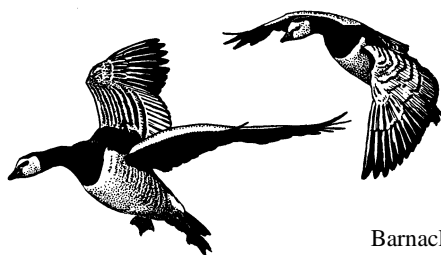
Glossy Ibis	<i>Plegadis falcinellus</i>	IB
Sacred Ibis	<i>Threskiornis aethiopicus</i>	IS
Spoonbill	<i>Platalea leucorodia</i>	NB

**Flamingos**

Chilean Flamingo	<i>Phoenicopterus chilensis</i>	FM
Greater Flamingo	<i>Phoenicopterus ruber</i>	FL
Lesser Flamingo	<i>Phoeniconaias minor</i>	FK

**Wildfowl**

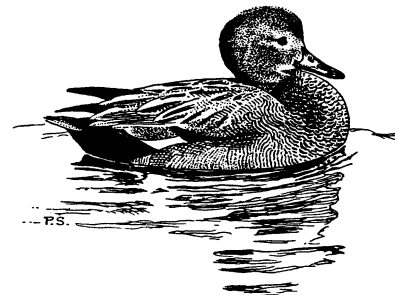
Fulvous Whistling Duck	<i>Dendrocygna bicolor</i>	YV
Lesser Whistling Duck	<i>Dendrocygna javanica</i>	YU
White-faced Whistling Duck	<i>Dendrocygna viduata</i>	YX
Coscoroba Swan	<i>Coscoroba coscoroba</i>	OW
Mute Swan	<i>Cygnus olor</i>	MS
Black Swan	<i>Cygnus atratus</i>	AS
Black-necked Swan	<i>Cygnus melanocorypha</i>	AT
Trumpeter Swan	<i>Cygnus buccinator</i>	TJ
Bewick's Swan	<i>Cygnus columbianus</i>	BS
Whooper Swan	<i>Cygnus cygnus</i>	WS
Magpie Goose	<i>Anseranas semipalmata</i>	MJ
Swan Goose	<i>Anser cygnoides</i>	HN
Bean Goose	<i>Anser fabalis</i>	BE
Taiga Bean Goose	<i>Anser f. fabalis</i>	XF
Tundra Bean Goose	<i>Anser f. rossicus</i>	XR
Pink-footed Goose	<i>Anser brachyrhynchus</i>	PG
White-fronted Goose	<i>Anser albifrons</i>	WG
European W-front. Goose	<i>Anser a. albifrons</i>	EW
Greenland W-front. Goose	<i>Anser a. flavirostris</i>	NW
Lesser White-fronted Goose	<i>Anser erythropus</i>	LC
Greylag Goose	<i>Anser anser</i>	GJ
Bar-headed Goose	<i>Anser indicus</i>	HD
Snow Goose	<i>Anser caerulescens</i>	SJ
Ross's Goose	<i>Anser rossii</i>	RJ
Emperor Goose	<i>Anser canagicus</i>	EM
Hawaiian Goose	<i>Branta sandvicensis</i>	NE
Canada Goose	<i>Branta canadensis</i>	CG
Lesser Canada Goose	<i>Branta hutchinsii</i>	LQ
Barnacle Goose	<i>Branta leucopsis</i>	BY



Barnacle Goose

Brent Goose	<i>Branta bernicla</i>	BG
Dark-bellied Brent	<i>Branta b. bernicla</i>	DB

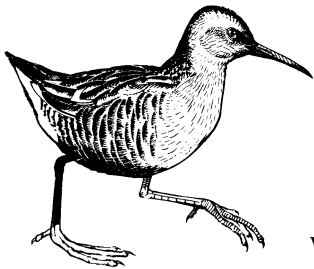
Goose		
Light-bellied Brent Goose	<i>Branta b. hrota</i>	PB
Black Brant	<i>Branta b. nigricans</i>	BB
Red-breasted Goose	<i>Branta ruficollis</i>	EB
Egyptian Goose	<i>Alopochen aegyptiaca</i>	EG
Ruddy Shelduck	<i>Tadorna ferruginea</i>	UD
Cape Shelduck	<i>Tadorna cana</i>	UE
Paradise Shelduck	<i>Tadorna variegata</i>	UB
Australian Shelduck	<i>Tadorna tadornoides</i>	UA
Shelduck	<i>Tadorna tadorna</i>	SU
Magellan Goose	<i>Chloephaga picta</i>	QF
Muscovy Duck	<i>Cairina moschata</i>	MY
Wood Duck	<i>Aix sponsa</i>	DC
Mandarin	<i>Aix galericulata</i>	MN
Crested Duck	<i>Lophonetta specularioides</i>	QD
Wigeon	<i>Anas penelope</i>	WN
American Wigeon	<i>Anas americana</i>	AW
Chiloe Wigeon	<i>Anas sibilatrix</i>	HL
Falcated Duck	<i>Anas falcata</i>	FT
Gadwall	<i>Anas strepera</i>	GA



Gadwall

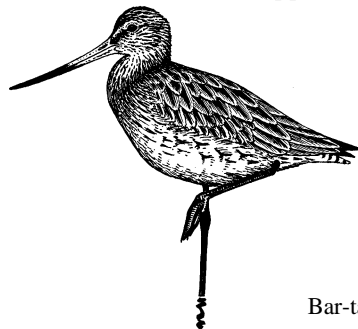
Baikal Teal	<i>Anas formosa</i>	IK
Teal	<i>Anas crecca</i>	T.
Green-winged Teal	<i>Anas carolinensis</i>	TA
Speckled Teal	<i>Anas flavirostris</i>	KQ
Cape Teal	<i>Anas capensis</i>	QC
Silver Teal	<i>Anas versicolor</i>	AG
Chestnut Teal	<i>Anas castanea</i>	QB
Mallard	<i>Anas platyrhynchos</i>	MA
Black Duck	<i>Anas rubripes</i>	BD
Pintail	<i>Anas acuta</i>	PT
Yellow-billed Pintail	<i>Anas georgica</i>	YL
Bahama Pintail	<i>Anas bahamensis</i>	PN
Red-billed Teal	<i>Anas erythrorhyncha</i>	YR
Garganey	<i>Anas querquedula</i>	GY
Blue-winged Teal	<i>Anas discors</i>	TB
Cinnamon Teal	<i>Anas cyanoptera</i>	QA
Red Shoveler	<i>Anas platalea</i>	VE
Australian Shoveler	<i>Anas rhynchotis</i>	VA
Shoveler	<i>Anas clypeata</i>	SV
Ringed Teal	<i>Callonetta leucophrys</i>	IE



Maned Duck	<i>Chenonetta jubata</i>	MQ	Coot	<i>Fulica atra</i>	CO
Marbled Duck	<i>Marmaronetta angustirostris</i>	MB	American Coot	<i>Fulica americana</i>	AO
Red-crested Pochard	<i>Netta rufina</i>	RQ	<b>Cranes</b>		
Rosybill	<i>Netta peposaca</i>	QR	Crane	<i>Grus grus</i>	AN
Pochard	<i>Aythya ferina</i>	PO	<b>Oystercatchers</b>		
Redhead	<i>Aythya americana</i>	AZ	Oystercatcher	<i>Haematopus ostralegus</i>	OC
Canvasback	<i>Aythya valisineria</i>	VB	<b>Stilts and Avocets</b>		
Ring-necked Duck	<i>Aythya collaris</i>	NG	Black-winged Stilt	<i>Himantopus himantopus</i>	IT
Ferruginous Duck	<i>Aythya nyroca</i>	FD	Avocet	<i>Recurvirostra avosetta</i>	AV
New Zealand Scaup	<i>Aythya novaeseelandiae</i>	NZ	<b>Thick-knees</b>		
Tufted Duck	<i>Aythya fuligula</i>	TU	Stone-curlew	<i>Burhinus oedicnemus</i>	TN
Scaup	<i>Aythya marila</i>	SP	<b>Pratincoles</b>		
Lesser Scaup	<i>Aythya affinis</i>	AY	Oriental Pratincole	<i>Glareola maldivarum</i>	GM
Eider	<i>Somateria mollissima</i>	E.	Black-winged Pratincole	<i>Glareola nordmanni</i>	KW
King Eider	<i>Somateria spectabilis</i>	KE	<b>Plovers</b>		
Steller's Eider	<i>Polysticta stelleri</i>	ES	Little Ringed Plover	<i>Charadrius dubius</i>	LP
Harlequin Duck	<i>Histrionicus histrionicus</i>	HQ	Ringed Plover	<i>Charadrius hiaticula</i>	RP
Long-tailed Duck	<i>Clangula hyemalis</i>	LN	Semipalmated Plover	<i>Charadrius semipalmatus</i>	TV
Common Scoter	<i>Melanitta nigra</i>	CX	Killdeer	<i>Charadrius vociferus</i>	KL
Black Scoter	<i>Melanitta americana</i>	DX	Kentish Plover	<i>Charadrius alexandrinus</i>	KP
Surf Scoter	<i>Melanitta perspicillata</i>	FS	Lesser Sand Plover	<i>Charadrius mongolus</i>	DQ
Velvet Scoter	<i>Melanitta fusca</i>	VS	Greater Sand Plover	<i>Charadrius leschenaultii</i>	DP
Bufflehead	<i>Bucephala albeola</i>	VH	Dotterel	<i>Charadrius morinellus</i>	DO
Goldeneye	<i>Bucephala clangula</i>	GN	American Golden Plover	<i>Pluvialis dominica</i>	ID
Hooded Merganser	<i>Lophodytes cucullatus</i>	HO	Pacific Golden Plover	<i>Pluvialis fulva</i>	IF
Smew	<i>Mergellus albellus</i>	SY	Golden Plover	<i>Pluvialis apricaria</i>	GP
Red-breasted Merganser	<i>Mergus serrator</i>	RM	Grey Plover	<i>Pluvialis squatarola</i>	GV
Goosander	<i>Mergus merganser</i>	GD	Sociable Plover	<i>Vanellus gregarius</i>	IP
Ruddy Duck	<i>Oxyura jamaicensis</i>	RY	Lapwing	<i>Vanellus vanellus</i>	L.
White-headed Duck	<i>Oxyura leucocephala</i>	WQ	Blacksmith Plover	<i>Hoplopterus armatus</i>	KS
Argentine Blue-bill	<i>Oxyura vittata</i>	OI	Spur-winged Plover	<i>Hoplopterus spinosus</i>	UW
<b>Rails</b>			<b>Sandpipers and allies</b>		
Water Rail	<i>Rallus aquaticus</i>	WA	Great Knot	<i>Calidris tenuirostris</i>	KO
			Knot	<i>Calidris canutus</i>	KN
			Sanderling	<i>Calidris alba</i>	SS
			Semipalmated Sandpiper	<i>Calidris pusilla</i>	PZ
			Western Sandpiper	<i>Calidris mauri</i>	ER
Spotted Crake	<i>Porzana porzana</i>	AK	Little Stint	<i>Calidris minuta</i>	LX
Little Crake	<i>Porzana parva</i>	JC	Temminck's Stint	<i>Calidris temminckii</i>	TK
Baillon's Crake	<i>Porzana pusilla</i>	VC	Least Sandpiper	<i>Calidris minutilla</i>	EP
Corncrake	<i>Crex crex</i>	CE	White-rumped	<i>Calidris fuscicollis</i>	WU
Moorhen	<i>Gallinula chloropus</i>	MH			

Water Rail

Sandpiper		
Baird's Sandpiper	<i>Calidris bairdii</i>	BP
Pectoral Sandpiper	<i>Calidris melanotos</i>	PP
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	VV
Curlew Sandpiper	<i>Calidris ferruginea</i>	CV
Stilt Sandpiper	<i>Calidris himantopus</i>	MI
Purple Sandpiper	<i>Calidris maritima</i>	PS
Dunlin	<i>Calidris alpina</i>	DN
Broad-billed Sandpiper	<i>Limicola falcinellus</i>	OA
Buff-breasted Sandpiper	<i>Tryngites subruficollis</i>	BQ
Ruff	<i>Philomachus pugnax</i>	RU
Jack Snipe	<i>Lymnocyptes minimus</i>	JS
Snipe	<i>Gallinago gallinago</i>	SN
Great Snipe	<i>Gallinago media</i>	DS
Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>	LD
Woodcock	<i>Scolopax rusticola</i>	WK
Black-tailed Godwit	<i>Limosa limosa</i>	BW
Hudsonian Godwit	<i>Limosa haemastica</i>	HU
Bar-tailed Godwit	<i>Limosa lapponica</i>	BA

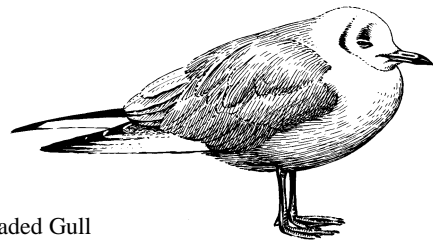


Bar-tailed Godwit

Whimbrel	<i>Numenius phaeopus</i>	WM
Curlew	<i>Numenius arquata</i>	CU
Upland Sandpiper	<i>Bartramia longicauda</i>	UP
Spotted Redshank	<i>Tringa erythropus</i>	DR
Redshank	<i>Tringa totanus</i>	RK
Marsh Sandpiper	<i>Tringa stagnatilis</i>	MD
Greenshank	<i>Tringa nebularia</i>	GK
Greater Yellowlegs	<i>Tringa melanoleuca</i>	LZ
Lesser Yellowlegs	<i>Tringa flavipes</i>	LY
Solitary Sandpiper	<i>Tringa solitaria</i>	I
Green Sandpiper	<i>Tringa ochropus</i>	GE
Wood Sandpiper	<i>Tringa glareola</i>	OD
Terek Sandpiper	<i>Xenus cinereus</i>	TR
Common Sandpiper	<i>Actitis hypoleucos</i>	CS
Spotted Sandpiper	<i>Actitis macularia</i>	PQ
Grey-tailed Tattler	<i>Heteroscelus brevipes</i>	YT
Turnstone	<i>Arenaria interpres</i>	TT
Wilson's Phalarope	<i>Phalaropus tricolor</i>	WF
Red-necked Phalarope	<i>Phalaropus lobatus</i>	NK
Grey Phalarope	<i>Phalaropus fulicarius</i>	PL

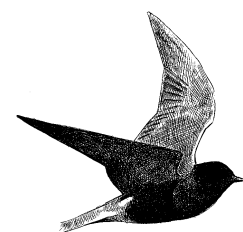
**Gulls and Terns**

Mediterranean Gull	<i>Larus melanocephalus</i>	MU
Laughing Gull	<i>Larus atricilla</i>	LF
Franklin's Gull	<i>Larus pipixcan</i>	FG
Little Gull	<i>Larus minutus</i>	LU
Sabine's Gull	<i>Larus sabini</i>	AB
Bonaparte's Gull	<i>Larus philadelphia</i>	ON
Black-headed Gull	<i>Larus ridibundus</i>	BH



Black-headed Gull

Slender-billed Gull	<i>Larus genei</i>	EI
Ring-billed Gull	<i>Larus delawarensis</i>	IN
Common Gull	<i>Larus canus</i>	CM
Lesser Black-backed Gull	<i>Larus fuscus</i>	LB
Herring Gull	<i>Larus argentatus</i>	HG
Yellow-legged Gull	<i>Larus a. cachinnans/michahellis</i>	YG
Caspian Gull	<i>Larus cachinnans</i>	YC
Yellow-legged Gull	<i>Larus michahellis</i>	YG
Iceland Gull	<i>Larus glaucooides</i>	IG
Glaucous Gull	<i>Larus hyperboreus</i>	GZ
Great Black-backed Gull	<i>Larus marinus</i>	GB
Ross's Gull	<i>Rhodostethia rosea</i>	QG
Kittiwake	<i>Rissa tridactyla</i>	KI
Ivory Gull	<i>Pagophila eburnea</i>	IV
Gull-billed Tern	<i>Sterna nilotica</i>	TG
Caspian Tern	<i>Sterna caspia</i>	CJ
Royal Tern	<i>Sterna maxima</i>	QT
Lesser Crested Tern	<i>Sterna bengalensis</i>	TF
Sandwich Tern	<i>Sterna sandvicensis</i>	TE
Roseate Tern	<i>Sterna dougallii</i>	RS
Common Tern	<i>Sterna hirundo</i>	CN
Arctic Tern	<i>Sterna paradisaea</i>	AE
Forster's Tern	<i>Sterna forsteri</i>	FO
Little Tern	<i>Sterna albifrons</i>	AF
Whiskered Tern	<i>Chlidonias hybrida</i>	WD



Black Tern  
Black Tern

*Chlidonias niger*

BJ

White-winged Black Tern *Chlidonias leucopterus* WJ

**Kingfishers**

Kingfisher

*Alcedo atthis*

KF



Kingfisher

**Hybrids<sup>i</sup>**

hybrid swan

ZS

hybrid goose

ZL

hybrid shelduck

ZT

hybrid *Anas*

ZR

hybrid *Aythya*

ZD

hybrid gull

ZU

**Unidentified birds**

unidentified diver

*Gavia sp.*

UL

unidentified grebe

*Podicipedidae*

UV

unidentified cormorant

*Phalacrocorax sp.*

XU

unidentified flamingo

FU

unidentified yellow-billed swan

*Cygnus cygnus/columbianus*

UF

unidentified goose

*Anser/Branta sp.*

UO

unidentified duck

UM

unidentified scoter sp.

*Melanitta sp.*

UX

unidentified wader

U.

unidentified gull

*Larus sp.*

UU

unidentified large gull

VU

unidentified small gull

OU

unidentified tern

*Sterna sp.*

UT

unidentified Common/Arctic Tern ('Commic' Tern)

*Sterna hirundo/paradisaea*

UI

**Feral/domestic birds**

Feral/domestic Mallard

ZF

Feral/domestic goose

ZL

*Line drawings by Mark Hulme, Peter Scott, Joe Blossom and Graham Giddens.*

<sup>i</sup> codes for hybrids of presumed 'wild' birds (e.g. Teal x Gadwall) rather than feral/domestic/farmyard types for which there are separate codes