Ringed birds seen in the Cley 10km square.

General notes

Sightings are primarily of colour-ringed, collared or wing-tagged birds seen or photographed in the field. Patient birders and photographers have also been able to read the full inscription on standard metal rings for some close birds. There are several records of rings found on dead birds in the Square, some of rings found on ducks sold by P&S Butchers, Holt that had been shot by wildfowlers within the Square and several older records of birds ringed in the Square and subsequently recovered elsewhere. Most records are for the period since 2002 but we are going to attempt to track down more of the older records.

Any records for Blakeney Point are included despite the fact that the westernmost section (beyond Long Hills and Pinchen's Creek) does in fact lie outside the TG04 10km square. Similarly, any records for Kelling Heath and the Bayfield Estate are also included despite parts of these sites also being outside the 10km square.

It is usually best if the finders of ringed birds send in the observations themselves to the ringing scheme coordinator in case there are questions as to whether the rings have been read correctly or the coordinator is keen to get further information. If you do not wish to send in records to the ringers yourself (easiest by e-mail) then we are happy to do this for you for any birds seen in the Cley Square.

Birds with standard metal rings can be reported on the EURING site
http://blx1.bto.org/euring/main/
or www.ring.ac (easy to remember)

For colour-ringed, collared and wing-tagged birds it is best to contact the scheme coordinator directly. The EURING website administered by BTO
http://www.cr-birding.org/
lists by species the different European colour-marking schemes and give the contact details for each scheme co-ordinator.
For wader species the EURING website now gives a link to the International Wader Study Group register of colour-ringer schemes which can be found at
http://www.waderstudygroup.org/projects/colour-marking/the-register/
If the bird does not match any of the schemes listed or the scheme coordinator does not reply within six months then e-mail colourringing@bto.org and BTO will try and help.

The normal arrangement is that the ringer will send the observer of a ringed bird its life history detailing where and when it was ringed and all field observations of it. For birds that have only a standard metal ring you only get the details of where and when it was first caught and some coordinators of colour-ringing schemes also seem to restrict themselves to giving this information only. We would very much like to receive copies of the details for any birds seen in the Cley Square in order to keep this document as comprehensive as possible. Ringers are usually unable to keep you up to date with future observations of birds, as the workload would become far too high. In the following web-based reporting schemes
geese ringed on the continent http://www.geese.org/Ganzen/index.jsp
gulls ringed in Norway http://www.ringmerking.no/cr/
Avocets ringed in France http://www.bretagne-vivante-dev.org/avocette/indexen.php

it is, however, possible to login at any time and get up to date histories for the birds you have seen yourself.

There used to be a lot of ringing of birds in the Cley area but only one ringer appears to have been very active in the Square at the turn of the century, Keith Edwards at Langham. He sadly died in 2008. Keith caught just one bird previously ringed on the continent, a Starling. Four passerines he ringed were re-trapped in the Burnham Market to Brancaster area indicating that there is a western movement of passerines along the hills inland of the North Norfolk coast. Since 2000 several ringing projects have been conducted. Noel Elms has ringed Nightjars, Stonechats, Dartford Warblers and Woodlarks on Kelling Heath (the last three species were colour-ringed). Moss Taylor operated a ringing station just outside the Square on Weybourne Camp for many years. He also colour-ringed Stonechats there and their breeding and feeding territories extended into the Square. Noel has now terminated his ringing projects as has Moss. NOA restarted ringing operations at Walsey Hills in 2009. BTO started fitting Sandwich Tern chicks with coded blue colour-rings in the National Trust's Blakeney Point colony in 2013 and the RSPB started marking Little Terns with coded yellow colour-rings in 2014.

Attempts have been made to try to dig out the details of the most interesting captures of previously ringed birds and recoveries of birds ringed at the Cley Bird Observatory on Cley beach 1949-1952, on Blakeney Point 1954-69, at Walsey Hills NOA 1970-2 and at Salthouse. Details of some have been found in The Birds of Blakeney Point by Andy Stoddart and Steve Joiner and The Birds of Norfolk by Moss Taylor, Michael Seago, Peter Allard and Don Dorling. There are Ringing Reports for the years to 2015 within the Norfolk Bird and Mammal Report. BTO now produce summaries of the Norfolk ringing recoveries by species that can be viewed at https://www.bto.org/our-science/projects/ringing/publications/online-ringing-reports and these have also been sources of information.

The following sections give the life-histories of the ringed and marked birds we have received or found the details of. In total there are over 1000 ringed individuals seen or found in the Square that were ringed outside the Square. There are over 150 birds that were ringed in the Square and have been found outside it. Details of 31 birds that were ringed in the Square then found there in subsequent seasons have also been included. 133 different species are involved. In a few cases it has not been possible to trace individuals. In some others the colour-combinations or code inscriptions have been read incorrectly or incompletely. These have also been included where it is judged that there is the chance of sorting out the record at a later date or the record is of interest anyway.

Ages of birds have often been given in terms of calendar years. If a bird was hatched in 2004 then that was its first calendar year, throughout 2005 it will have been a second calendar year bird and on 1/1/06 it will then have become a third calendar year bird.

The following ringers' terms have been sometimes been used for resightings of ringed birds:-
A ***control*** is a bird captured by a ringer more than 5km from its original ringing locality.
A ***recovery*** is any bird found dead, whose ring is read in the field (without being captured) or that is caught by a non-ringer.
A ***retrap*** is a bird recaptured by a ringing group within 5km of the original or last capture.

Mute Swan

The East Anglia Swan Study Group is currently fitting coded orange darvic leg rings to Mute Swans in our area. The scheme coordinator asks if anyone seeing one of these birds could e-mail him directly on
mike-reed.daniells@hotmail.co.uk
and he will reply with details of the bird ASAP.

Five colour-ringed individuals and six just fitted with a metal ring have been recorded in the Square. All were ringed in Norfolk, seven of them at Salthouse, and there are no sightings outside the county.

Left leg: **orange** ring with black code **4BBW**.
Right leg: Metal ring no. W37022
Ringed as a juvenile male at Salthouse on 10/12/13.
One of a brood of seven. Two of the other six juveniles were also ringed the same day. The adult male was unfortunately found dead on 25/12/13.
Movements remained at Salthouse to 15/3/14 at least and seen displaying to its sibling 4BFH. Subsequently seen at Titchwell (Norfolk) 26/4/14.

Left leg: **orange** ring with black code **4BBX**.
Right leg: Metal ring no. W37023
Ringed as a juvenile at Salthouse on 10/12/13.
One of a brood of seven. Two of the other six juveniles were also ringed the same day. The adult male was unfortunately found dead on 25/12/13.
Movements remained at Salthouse to 5/4/14 at least. After that also seen at Cley Marshes 19/4/14-14/5/14.

Left leg: **orange** ring with black code **4BBY**.
Right leg: Metal ring no. W37024
Ringed as a juvenile male at Salthouse on 10/12/13.
One of a brood of seven. Two of the other six juveniles were also ringed the same day. The adult male was unfortunately found dead on 25/12/13.
Movements remained at Salthouse to 6/4/14 at least. Subsequently seen at Titchwell (Norfolk) 26/4/14.

Left leg: **orange** ring with black code **4BFH**.
Right leg: Metal ring no. W37305
Ringed as a juvenile at Salthouse on 6/2/14.
One of a brood of seven. Three of the other six juveniles were ringed in December. The adult male was unfortunately found dead on 25/12/13.
Movements remained at Salthouse to 6/4/14 at least and seen displaying with its sibling 4BBW. Visited Cley Marshes 26/3/14. Seen at Titchwell (Norfolk) 26/4/14 and 19/5/14 before being seen back at Cley Marshes 31/5/14.

Left leg: **orange** ring with black code **4ERJ**.
Right leg: Metal ring no. W46799.
Ringed as a juvenile at Salthouse on 30/11/21.

Movements Remained at Salthouse with its parents 6-31/12/21.

Metal ring no. **U4490**
Ringed as a female nestling at Cow Tower, Norwich on 21/2/96.
Movements Salthouse 16/2/99 then found dead on Blakeney Freshes 11/12/12.

Metal ring no. **W31541**
Seen Cley Marshes 28/2/14-12/3/14.
Appeared to be a male and was paired with a Polish-type bird.
Ringed as a bird in at least its second calendar-year at Titchwell by the RSPCA 17/11/11.
Presumably a bird that had been taken into care then released at Titchwell.
Distance: 31km E.

Metal ring no. **W31556**
Seen Salthouse Duck Pond 2/12/11 to 8/3/12.
An adult female with her mate and four juveniles.
Ringed by the RSPCA at Salthouse on 27/11/11 so presumably had been ill or injured, treated and then returned to her family.

Metal ring no. **W35303**
Seen Salthouse Duck Pond 13-28/2/14.
Ringed as a second calendar –year at Salthouse by the RSPCA 25/8/13.
Presumably a bird that had been taken into care then released at Salthouse.

Metal ring no. **W37544**
Recovered Found freshly dead Blakeney Freshes 12/5/16. Had been seen to be unwell some days previously.
Ringed as a bird in at least its second calendar-year at Thetford (Norfolk) 4/12/15.
Distance: 65km NNE.

Metal ring no. **Z13206**
Recovered Found freshly dead at Morston 16/10/20.
Ringed as a juvenile at Burnham Deepdale (Norfolk) 2/8/12.
Distance: 18km E.

Pink-footed Goose

An individual fitted with a blue collar and another three with white collars have been seen. Two were ringed in Denmark and the other two in Norway, they will belong to the Svalbard population that normally winters in the Netherlands and Belgium and stages on its way north in Denmark and Norway.

The other marked birds seen belong to the Icelandic/Greenlandic population that winters in the UK. Details have been obtained of 108 birds fitted with coded grey neck-collars, two birds with coded white plastic leg-rings only and five with GPS tracker collars. Most were seen feeding in fields of cut sugar beet. 43 were ringed in Iceland, 46 in Scotland, four in NW England and 21 in our area near High Kelling. 86 of them have been seen in Scotland and 55 in NW England (Lancs-Cumbria). Of the many sightings of these birds there are few away from their breeding areas in Iceland, their stopover sites in Scotland, Northwest and

Northeast England and their wintering sites in Norfolk. One bird was seen in both Eire and N Ireland, one in Wales, nine were seen in our neighbouring counties of Lincolnshire and Suffolk and one bird stopped off in the Faroe Islands on its way north one spring. A bird with a satellite collar was tracked from Iceland, it rested on the sea before stopping on the Isle of Lewis, then travelled down the east coasts of S Scotland and N England to Norfolk. Birds of very fixed habits that usually don't wander off the beaten track much!

We are happy to coordinate the collection of records in the Cley Square of Pinkfeet fitted with collars, leg-rings or trackers for WWT. By doing this, it saves WWT cross referencing everything and sending out lots of emails on the same bird (perhaps even for the same day) and the data can be sent in one batch and then can be distributed to the observers as required. If anyone can also provide information on flock size, if the bird was paired, if the partner was ringed or collared and if they had youngsters with them, then that would be useful to the WWT as well.

It is worth noting that in the grey collar codes the letters E, G, M, O, Q, R and W are not used and the only numbers used are 3,4,6,7 and 9.

Blue neck collar (can look greenish) with code **R88**
Ringed 4-3-02 as an adult female at Vest Stadil Fjord on the west coast of Jutland, Denmark (56 12N 08 08E) so presumably from the Svalbard population.
Movements Skogn area, Norway (63 40N 11 10E) 2/5/02; Oudega area, Netherlands (53 00N 05 32E) 28-9-02 to 3-11-02; Klemskirke area, Belgium (51 16N 03 06E) 9/11/02 to 23/12/02; West Denmark 29-12-02; Netherlands 11-1-03 to 22-2-03; West Denmark 28/2/03 to 4/4/03; Skogn area, Norway 10-12/5/03; Netherlands 4/10/03 to 15/11/03; Belgium 30/11/03 to 2/1/04; West Denmark 6/3/04 to 16/4/04; Skogn area, Norway 25/4/04 to 13/5/04; Langoeya area, Norway (68 45N 15 18E) 17-19/5/04; Skogn area, Norway 25/9/04; West Denmark 8-18/10/04; Netherlands 25/10/04 to 30/10/04; Belgium 6/11/04 to 29/12/04; West Denmark 10/4/05; Skogn area, Norway 29/4/05 to 14/5/05 and again 2/10/05; West Denmark 14/10/05; Netherlands 15/10/05 to 14/11/05; Belgium 19/11/05 to 14/1/06; West Denmark 26/1/06 to 10/4/06; Skogn area, Norway 17/4/06 to 12/5/06; Langoeya area, Norway 16/5/06; Netherlands 13/10/06 to 26/11/06; Belgium 17-31/12/06; Bredebro, Denmark (55 04N 08 52E) 6/2/07; Skogn area, Norway 21/4/07 to 13/5/07; West Denmark 29/9/07 to 2/10/07; Netherlands 12/10/07 to 3/11/07; Belgium 15/11/07 to 4/1/08; West Denmark 9/2/08 to 3/4/08 and 29/9/08 to 7/10/08; Netherlands 8/10/08 to 28/11/08; Belgium 2/12/08 to 11/1/09; Langoeya area, Norway 15-16/5/09; West Denmark 4/10/09; Netherlands 6-30/11/09; Belgium 11-21/12/09; then moved across the North Sea due to the cold weather being seen at Choseley (Norfolk) 16/2/10 and Blakeney Freshes 8+11/3/10.

Grey neck collar with code **AJC**
Ringed as an adult male at A-Huna (NC Iceland) 27/7/96.
Movements Loch Leven (Perth and Kinross) 4/3/97, Stirling 16/1/99, Martin Mere (Lancs) 1/10/99, Docking (Norfolk) 23/10/99, Burnham Market (Norfolk) 30/10/01, Loch of Strathbeg (Aberdeens) 13/4/02, Martin Mere (Lancs) 7/10/02 – 3/12/02 and 21-29/9/03, Stanhoe (Norfolk) 15/11/03, Docking (Norfolk) 15/12/03, Langham 29/12/03, Martin Mere (Lancs) 18-19/10/04 and Formby (Lancs) 16/1/05.

Grey neck collar with code **APF**
Ringed as an adult female A-Huna (NC Iceland) 31/7/97.

Movements Loch Leven (Perth and Kinross) 21/4/98, 11+20/3/99, Acle (Norfolk) 11+12+27/2/00, A-Huna (NC Iceland) 25/7/00, Holkham (Norfolk) 16/12/00 and 16/1/01, Acle (Norfolk) 10/3/01, Docking (Norfolk) 19/10/01, South Creake (Norfolk) 31/10/01, Little Walsingham (Norfolk) 17/11/01, Docking (Norfolk) 2/12/01, Burnham Market (Norfolk) 12/1/02, Loch Leven (Perth and Kinross) 16/3/02, Powmill (Perth and Kinross) 3/4/02, Shernborne (Norfolk) 5/12/02, Egmere (Norfolk) 11/1/03, Burnham Market (Norfolk) 24/12/03, Langham 31/12/03 and Wickhampton (Norfolk) 24-25/1/04.

Grey neck collar with code **ATJ**
Ringed as an adult male Kjalfell (NE Iceland) 25/7/98.
Movements Ribble Estuary (Merseyside) 28/10/99, Rossall (Lancs) 20/11/99, Stalmine (Lancs) 2-3/1/01, Rossall (Lancs) 14/1/01, Elgin (Moray) 14/4/01, Hambleton (Lancs) 1/12/01, Pilling (Lancs) 28/12/01, Rossall (Lancs) 4+23+24/1/02, Fylde (Lancs) 3/2/02, Ribble Estuary (Merseyside) 18/11/02, Rossall (Lancs) 9+30/12/02, Stalmine (Lancs) 22+23/1/03, Pilling (Lancs) 9/2/03, Langham 30/12/03, Martham (Norfolk) 4-7/1/04 and Hunstanton (Norfolk) 18/1/04.

Grey neck collar with code **AZI**
Ringed as an adult male Grafarlond (NC Iceland) 25/7/98.
Movements Loch Leven (Perth and Kinross) 3/10/98-15/11/98, Fife 24/11/98 and 21/2/99, Loch of Strathbeg (Aberdeens) 6-14/10/99, Flitcham (Norfolk) 5/2/00, Myres of Markinch (Fife) 24/3/00 and 18/2/01-17/3/01, Loch of Strathbeg (Aberdeens) 13/10/01, Cambee Reservoir (Fife) 2/12/01, Brancaster Staithe (Norfolk) 28/12/02, Loch of Strathbeg (Aberdeens) 28/9/03, Langham 6/1/04, Loch of Strathbeg (Aberdeens) 4/3/04 and Loch Spynie (Moray) 20/2/04.

Grey neck collar with code **AZP**
Ringed as an adult female Sydri-lamba, S-Ping (NC Iceland) 30/7/98.
Movements Loch of Strathbeg (Aberdeens) 29/9/99,19/10/99, 12+20/10/00, Horsey (Norfolk) 3/1/01, Loch of Strathbeg 11/10/01, Meikle Loch (Aberdeens) 2/11/01, Martham (Norfolk) 3/1/03, Horsey 11+13/2/03, Ardesier (Nairn) 1/3/03, Holkham (Norfolk) 11/10/03, Docking (Norfolk) 25/10/03, Martham 4+6/1/04, Martin Mere (Lancs) 4-7/10/04, Repps Mill (Norfolk) 2/1/05, Horsey 11/2/05, Heigham Holmes (Norfolk) 16/2/05, Holkham 12/11/05, Waxham (Norfolk) 26/11/05, Holkham 5/12/05, Repps Mill 5/12/05, Fleggburgh (Norfolk) 7/12/05 and Langham/Morston 14/12/06.

Grey neck collar with code **CCH**
Ringed as an adult male Balmedie (Aberdeens) 5/11/00.
Movements Brancaster Staithe (Norfolk) 4/1/01, Brancaster (Norfolk) 9/1/01, Holkham (Norfolk) 31/1/01, Wells (Norfolk) 6/2/01, Loch of Lintrathen (Angus) 25/10/02, Brancaster (Norfolk) 6/12/02, Warham (Norfolk) 8/2/03, Burnham Market (Norfolk) 6+9/12/03, Langham 2/1/04, Loch Leven (Perth and Kinross) 16/1/04, Loch of Strathbeg (Aberdeens) 4/3/04 and Holkham (Norfolk) 10-20/2/05.

Grey neck collar with code **CCI**
Metal ring GBT 1361945
Ringed as an adult male Blackburn (Aberdeens) 6/4/02.
Movements Martin Mere (Lancs) 27/9/02 and 2/10/02, Burnham Market (Norfolk) 19/10/02, Holkham (Norfolk) 19/10/02, Fring (Norfolk) 5/12/02, Stalmine (Lancs) 23/1/03, Rossall (Lancs) 31/1/02-3/2/03, Fylde (Lancs) 4/2/03, Martin Mere (Lancs) 18-21/2/03, Pilling

(Lancs) 22+26/2/03, Fylde (Lancs) 27/2/03, Brancaster (Norfolk) 22/11/03, Walsingham (Norfolk) 9/12/03, Burnham Market (Norfolk) 24/12/03, Langham 31/12/03 and 3/1/04, Wickhampton (Norfolk) 23-25/1/04 and 5/2/04, Pilling (Lancs) 5-7/3/04, Martin Mere (Lancs) 24/9/04-1/11/04, Burnham Market (Norfolk) 20/11/04, Brancaster Staithe (Norfolk) 27/11/04, Acle Marshes (Norfolk) 10/12/04, Halvergate Marshes (Norfolk) 13/12/04, Repps (Norfolk) 2/1/05, Runham (Norfolk) 21-22/1/05, Burnham Overy Staithe (Norfolk) 6/2/05, Holkham 9-10/2/05, Loch Leven (Perth and Kinross) 28/2/05, Great Yarmouth 7+10/12/05, Martham Broad 9+11/1/06, Burnham Market 5/3/06, Blackburn (Aberdeens) 13/4/06, Horkstow Top (Lincs) 7/10/06, Runham 18+19/11/06, Cart Gap (Norfolk) 15/12/06, Freethorpe (Norfolk) 24/1/07, Blackburn (Aberdeens) 17+24/3/07, Holkham 16/5/07, Waxham 12/11/07, Cockthorpe (Norfolk) 23+25/11/07, Fleggburgh (Norfolk) 15/12/07, Runham 19/12/07, Brumstead (Norfolk) 15/1/08, Cart Gap 19/1/08, Thrigby (Norfolk) 24/1/08, Great Yarmouth 26/1/08, Blackburn (Aberdeens) 9/3/08, Cley Marshes and Blakeney Point 22/10/08, Langham 17/12/08, South Elmham (Suffolk) 27/12/08, Waxham 23/2/09, Pilling 17/10/09, Cley Marshes 30/10/09 + 4/11/09, Blakeney Freshmarsh 22+24/11/09, Wiveton 15-16/12/10, Horsey (Norfolk) 22/10/11, Walcott (Norfolk) 29/10/11, Cley Marshes 9-12/12/11, Morston 27-30/12/11, Cley Marshes 6-9/1/12, Blakeney Freshes 23/1/12, Morston 8-9/2/12 and Bradshaw Lane Head (Lancs) 24/2/12.

Grey neck collar with code **CDZ**
Ringed as a juvenile Balmedie (Aberdeens) 26/10/03.
Movements Lossiemouth (Moray) 10-11/11/03, Langham 29+31/12/03, Wickhampton (Norfolk) 4-5/2/04, Loch Leven (Perth and Kinross) 13/3/04 and Meikle Loch (Aberdeens) 27/9/04.

Grey neck collar with code **CFA**
Ringed as an adult female Balmedie (Aberdeens) 26/10/03.
Movements Wells (Norfolk) 29/11/03, Holkham (Norfolk) 30/11/03, Burnham Market (Norfolk) 6/12/03, Langham 31/12/03 and Horsey (Norfolk) 13/2/04.

Grey neck collar with code **CFX**
Ringed as an adult male Balmedie (Aberdeens) 26/10/03.
Movements Burnham Market (Norfolk) 6/12/03, Rollesby (Norfolk) 30/12/03, Martham/Repps Mill (Norfolk) 31/12/03, Repps Mill 3/1/04, Martham 4+5/1/04, Horsey (Norfolk) 14/1/04, Rollesby 1/2/04, Easton (Cumbria) 9/3/04, Horsey 16/12/04, Loch Leven (Perth + Kinross) 26/10/05, Laurencekirk (Aberdeens) 16/10/06, Loch Leven 23/3/07, Langham/Morston 18/12/06, Martin Mere (Lancs) 13/10/07, Waxham (Norfolk) 1/11/07, Sharrington (Norfolk) 4/12/07 and Cart Gap (Norfolk) 19-20/1/08.

Grey neck collar with code **CIU**
Ringed as an unsexed adult Balmedie (Aberdeens) 26/10/03.
Movements Urquart (Moray) 29/11/03 and Langham 29/12/03.

Grey neck collar with code **CLY**
Metal ring GBT 139711?
Ringed as an adult male at Balmedie (Aberdeens) 26/10/03.
Movements Meikle Loch (Aberdeens) 26/10/03, Loch of Strathbeg (Aberdeens) 23/9/05, Kirktown of Slains (Aberdeens) 28/9/05, Langham/Morston 14/12/06, Docking (Norfolk) 24/11/07, Thrigby (Norfolk) 25/1/08, Docking 30/12/08, Pilling (Lancs) 9/2/09 and Thurnham (Fylde, Lancs) 14/2/10.

Grey neck collar with code **CTP**
Ringed as an adult female Arness (C Iceland) 28/7/99.
Movements Horsey (Norfolk) 29/1/00, Acle (Norfolk) 11-24/2/00, Lessingham (Norfolk) 19-30/11/00, Egmere (Norfolk) 3/1/01, Flitcham (Norfolk) 11/1/01, Acle (Norfolk) 10/3/01, Lessingham (Norfolk) 31/10/01, Hempstead (Norfolk) 3/11/01, Hemsby (Norfolk) 5-11/11/01, Horsey (Norfolk) 15+24/11/01 and 16/2/02, Forres (Moray) 19-20/3/02, Martin Mere (Lancs) 30/9/02-2/10/02, Holkham (Norfolk) 4/10/02, Waxham (Norfolk) 12-13/10/02, Horsey (Norfolk) 2/11/02 and 13/2/03, Holkham (Norfolk) 25/9/03, Burnham Market (Norfolk) 6/12/03, Langham 2/1/04, Martham and Repps (Norfolk) 3/1/04, Waxham (Norfolk) 13/10/04, Holkham (Norfolk) 13/11/04, Waxham (Norfolk) 15-16/12/04, Horsey (Norfolk) 20/12/04, Waxham (Norfolk) 11/1/05, West Sommerton (Norfolk) 13/1/05 and Horsey (Norfolk) 16/1/05.

Grey neck collar with code **FB**
Ringed as a juvenile female at Loch Leven (Perth + Kinross) 12/10/94.
Movements Flitcham (Norfolk) 24/11/94, Loch Leven 12/3/95, Loch of Strathbeg (Aberdeens) 16/10/96, Lessingham (Norfolk) 7/11/99, Acle (Norfolk) 11+12/2/00, Flitcham 12/11/00, Lessingham 20+25/11/00, Holkham (Norfolk) 13+17/1/01, Thornhill (Stirling) 18/3/01, Elgin (Moray) 18/4/01, Martin Mere (Lancs) 15+16/10/01, Waxham (Norfolk) 27+31/10/01, Sea Palling (Norfolk) 3/11/01, Eccles-on-Sea (Norfolk) 5/11/01, North Creake (Norfolk) 14/11/01, Lessingham 1/12/01, Berney Marshes (Norfolk) 17/2/02, Holkham 4/10/02, Snettisham (Norfolk) 3/11/02, Shernborne (Norfolk) 5/12/02, Warham (Norfolk) 20/2/03, Cullerlie (Aberdeens) 6/4/03, Martin Mere 19-29/9/03, Holkham 16/10/03, Burnham Market (Norfolk) 24/12/03, Flitcham 3/1/04, Repps Mill (Norfolk) 25/10/04, Knockdee (Caithness) 1/3/05, Halkirk (Caithness) 8/1/03, Reedham (Norfolk) 31/1/06, Pilling Marsh (Lancs) 25/2/06, Blackburn (Aberdeens) 12-14/4/06, Langham/Morston 31/12/06, Horsey (Norfolk) 25+29/1/07, Halvergate Marshes (Norfolk) 9/2/07, Blackburn (Aberdeens) 24+31/3/07, Binham 15/11/07, Wells (Norfolk) 9/12/07, Saxlingham 17-21/1/08 and Kintore (Aberdeens) 29/3/08.

Grey neck collar with code **FDB**
Ringed as an adult male Arness (C Iceland) 29/7/99.
Movements Holkham (Norfolk) 21+27/11/99, Wighton (Norfolk) 11/1/00, Flitcham(Norfolk) 15/1/00, Pilling (Lancs) 27/1/00 and 12/2/00, Star Moss (Fife) 19/2/00, Dornoch (Sutherland) 19/3-5/4/00, Happisburgh (Norfolk) 8/11/00, Lessingham (Norfolk) 24/11/00, Holkham (Norfolk) 3/1/01, Egmere (Norfolk) 4/1/01, Wighton (Norfolk) 21/11/01, Holkham (Norfolk) 7/1/02, Brancaster Staithe (Norfolk) 13/1/02, Martin Mere (Lancs) 31/1/02, Dirleton (E Lothian) 15/10/02, Burnham Overy (Norfolk) 23/11/02, Martham Broad (Norfolk) 29/1/03, Halvergate Marshes (Norfolk) 9/2/03, Dornoch (Sutherland) 22/3/03, Martin Mere (Lancs) 23+25/9/03, Holkham (Norfolk) 11/10/03 and 7/12/03, Langham 29/12/03 and 6/1/04, Horsey (Norfolk) 14/1/04, Brancaster Staithe (Norfolk) 27/11/04, Holkham (Norfolk) 29/1/05 and Justicetown (Cumbria) 24/2/05.

Grey neck collar with code **FFT**
Ringed as an adult male Arness (C Iceland) 29/7/99.
Movements Acle (Norfolk) 31/12/99, Blackburn (Aberdeens) 7/4/00, Meikle Loch (Aberdeens) 6/10/01, Loch Leven (Perth + Kinross) 27/9/02, Martin Mere (Lancs) 22/10/02 and 7-8/1/03, Folly Loch (Borders) 14/10/03, Formby (Lancs) 1/11/03, Martin Mere (Lancs) 12-19/12/03, Langham 4/1/04, Martin Mere (Lancs) 15/1/04, Wickhampton (Norfolk)

24/1/04, Holkham (Norfolk) 7/2/04, Martin Mere (Lancs) 24/9/04, 25/11/04 and 19/1/05, Miltonhill (Moray) 4-5/4/05 and Newton (Moray) 10/4/05.

Grey neck collar with code **FIA**
Metal ring ISR 129639
Ringed as a as an adult female Arness (C Iceland) 30/7/99.
Movements Acle (Norfolk) 29/12/99-27/2/00, Lossiemouth (Moray) 12+13/4/00, Holkham (Norfolk) 7/1/01, Blackford (Perth+Kinross) 6/10/01, South Creake (Norfolk) 31/10/01, Hempstead and Hemsby (Norfolk) 3-10/11/01, Brancaster Staithe (Norfolk) 6/2/02, Martin Mere (Lancs) 17/2/02, Cromarty 24/3/02, Fortrose (Ross+Cromarty) 26/3/02, Halkirk (Caithness) 28/3/03, Lossiemouth 10/11/03, Elgin (Moray) 13/3/03, Burnham Market (Norfolk) 13/12/03+22/1/04, Loch of Skene (Aberdeens) 6/10/04, Loch Leven (Perth+Kinross) 7/10/04, Loch of Skene 7+8/10/04, Brancaster Staithe 11/12/04, Holkham 14/12/04, Elgin 10/3/05, Martin Mere 19/9/05-15/10/05, Easter Pitcorthie (Fife) 30/10/05, Southwood (Norfolk) 7+20/12/05, Martham Broad (Norfolk) 10/1/06, Locharwoods (Dumfries+Galloway) 6/4/06, Martin Mere 27-30/9/06, Winterton (Norfolk) 17/1/07, Halvergate Marshes (Norfolk) 6/2/07, Waxham (Norfolk) 12/11/07, Bacton (Norfolk) 24/11/07, Cockthorpe (Norfolk) 6/1/08, Acle 16/1/08, Field Dalling (Norfolk) 23+24/1/08, Martin Mere 4/10/08, Langham 12/12/08 and Dounreay (Caithness) 6/4/09.

Grey neck collar with code **FIU**
Metal ring ISR 129655
Ringed as an adult male Arness (C Iceland) 30/7/99.
Movements Arness 29/7/00, Martin Mere (Lancs) 16/2/01, Lochmaben (Dumfries & Galloway) 16/2/01, Alves (Moray) 8-19/10/01, Kinloss (Moray) 28/10/01, Ribble (Merseyside) 16/12/01, Martin Mere 31/1/02-11/3/02 and 27/9/02-11/11/02, Ribble 18/11/02, Burscough (Lancs) and Martin Mere 20/1/03-13/3/03, Ribble 18/10/03 and 27/1/04, Martin Mere 21/2/04-16/3/04, Ribble 30/10/04, Burscough, Formby and Martin Mere 31/1/05-10/3/05, Ribble 29/9/05, 15/1/06 and 22/10/06, Altcar (Lancs) 2/5/07, Hightown Bends (Lancs) 11/2/08, Downholland Moss (Lancs) 17/2/08, Martin Mere 29/9/08 and 3/10/08, Montrose Basin (Angus) 13/10/09 and Cley Marshes 7-14/1/12.

Grey neck collar with code **FIY**
Metal ring ISR 129656
Ringed as an adult female Arness (C Iceland) 30/7/99.
Movements Loch Leven (Perth + Kinross) 31/1/00, 3+5/3/00, Loch of Strathbeg (Aberdeens) 24/10/00, Ardersier (Inverness) 16/12/00,Loch Eye (Ross + Cromarty) 25+28/1/01, Castletown (Caithness) 31/1/01, Alves (Moray) 12/2/01, Fife 13/3/01-17/4/01, Martin Mere (Lancs) 20/4/01, Waxham (Norfolk) 2/2/02, Horsey (Norfolk) 19/2/02, Star Moss (Fife) 9/3/02, Aberlady Bay 28/9/02 – 3/10/02, Loch of Strathbeg (Aberdeens) 26/9/03, Holkham (Norfolk) 4/10/03, Langham 3/12/03 and 2/1/04, Martham (Norfolk) 4-6/1/04, Wickhampton (Norfolk) 24/1/04, Repps Mill (Norfolk) 25/10/04, Horsey 27/12/04, Waxham 21/1/05, Loch Leven 11-14/2/05, Star Moss (Fife) 25/2/03-13/3/05, Newburgh (Fife) 1/4/06, Horsey 30/9/06, Waxham 6-12/10/06, Holkham 12/12/06, Waxham 11/1/07, Winterton (Norfolk) 19/1/07, Happisburgh (Norfolk) 14/1/08, Cart Gap (Norfolk) 16-21/1/08, Langham 12/12/08**,** Morston 14/12/08, Anmer (Norfolk) 14/1/09, Ridlington (Norfolk) 8/11/11 and 29/12/12. Note the surprising southward movements in Spring 2001.

Grey neck collar with code **FJL**
Metal ring ISR 129666

Ringed as an adult female Nautalda, Thjorsarver, Arness (C Iceland) 22/7/00.
Movements Methven (Perth + Kinross) 3/10/99, Loch Leven (Perth + Kinross) 5/11/99, Thankerton (S Lanarks) 15/11/99, Loch Leven 29/9/00, Brancaster (Norfolk) 9/1/01, Garmouth (Moray) 19/3/01, Meikle Loch (Aberdeens) 13-28/10/01, Rattray (Aberdeens) 1/11/01, Forres (Moray) 4/11/01, Offers Farm (Stirling) 16/3/02, Barton Wolds (Lincs) 16/10/02, Loch Leven 31/3/03 + 5/4/03, Burnham Market (Norfolk) 19/3/03, Repps Mill (Norfolk) 3/1/04, Martham (Norfolk) 3/1/04, Martin Mere (Lincs) 24/9/04+8/10/04, Ringstead Farm (Norfolk) 10/12/04, Holkham (Norfolk) 8-16/2/05, Loch Leven 17-18/03/05, Brancaster Staithe (Norfolk) 9/10/05, Loch Leven 2-4/4/07, Roseisle (Aberdeens) 19/1/08, Anmer (Norfolk) 4/1/09, Alves (Aberdeens) 20/1/09, **Cley** 31/1/11-21/2/11 and Holme Dunes (Norfolk) 6/3/11.

Grey neck collar with code **FNN**
Ringed as an adult male Skagafjordur (N Iceland) 22/7/00.
Mate of **FSL**.
Movements Loch of Strathbeg (Aberdeens) 5/10/00 – 13/11/00, Brancaster Staithe (Norfolk) 4/1/01, Docking (Norfolk) 12/1/01, Holkham (Norfolk) 31/1/01, Alness Bay (Ross + Cromarty) 21/4/01, East Lothian 1-13/11/01, Pilling (Lancs) 24/11/01, Burnham Market (Norfolk) 12/1/02, Burnham Thorpe (Norfolk) 14-19/1/02, Holkham (Norfolk) 29/1/02, Loch of Strathbeg (Aberdeens) 2+16/10/02, Ardersier (Inverness) 26+28/2/03, Loch of Strathbeg (Aberdeens) 26/9/03 and 8/11/03, Walsingham (Norfolk) 9/12/03, Langham 30/12/03 and 6/1/04, Freethorpe (Norfolk) 23/1/04, Wickhampton (Norfolk) 24/1/04, New Holkham (Norfolk) 23/10/04 and Waxham (Norfolk) 14-16/12/04.

Grey neck collar with code **FPZ**
Ringed as an adult female Skagafjordur (N Iceland) 22/7/00.
Movements Loch of Strathbeg (Aberdeens) 27/9/01, Meikle Loch (Aberdeens) 6-13/10/01, Hempstead (Norfolk) 3+10/11/01, Flitcham (Norfolk) 24/11/01, Docking (Norfolk) 16/12/01, Burnham Thorpe (Norfolk) 20/1/02, Martin Mere (Lancs) 4/10/02 – 27/12/02, Waxham (Norfolk) 4/1/03, Creetown (Dumfries + Galloway) 6+8/3/03, Formby (Lancs) 1/11/03, Great Altcar (Lancs) 16/11/03, Martin Mere (Lancs) 3/12/03, Langham 7/1/04, Freethorpe (Norfolk) 23/1/04, Wickhampton (Norfolk) 24/1/04, Martin Mere (Lancs) 28/9/04 – 28/1/05 and Waxham (Norfolk) 6/2/05.

Grey neck collar with code **FSD**
Ringed as an adult female Skagafjordur (N Iceland) 22/7/00.
Movements Loch of Strathbeg (Aberdeens) 27/9/01, Meikle Loch (Aberdeens) 13/10/01, Hempstead (Norfolk) 3+10/11/01, Docking (Norfolk) 28/11/01, Brancaster (Norfolk) 30/11/01, Docking (Norfolk) 16/12/01, Burnham Thorpe (Norfolk) 20/1/02, Brancaster Staithe (Norfolk) 8/2/02, Martin Mere (Lancs) 4/10/02 and 26/12/02, Creetown (Dumfries + Galloway) 6+8/3/03, Loch Leven (Perth + Kinross) 15/4/03, Martin Mere (Lancs) 24/10/03, Formby (Lancs) 1/11/03, Great Altcar (Lancs) 16/11/03, Martin Mere (Lancs) 3/12/03, Langham 7/1/04, Wickhampton (Norfolk) 24/1/04 and Martin Mere (Lancs) 28/9/04 – 25/11/04. This bird clearly travels around with **FPZ** (but both are females).

Grey neck collar with code **FSI**
Ringed as an adult female Skagafjordur (N Iceland) 22/7/00.
Movements Loch of Strathbeg (Aberdeens) 18/9/00, Flitcham (Norfolk) 12/11/00, Forres (Moray) 11-14/4/01, Kinloss (Moray) 16/4/01, Docking (Norfolk) 19/10/01, Flitcham (Norfolk) 23+26/11/01, Docking (Norfolk) 28/11/01, Burnham Thorpe (Norfolk) 12-20/1/02,

Docking (Norfolk) 3/2/02, Brancaster Staithe (Norfolk) 6-10/2/02, Langham 29/12/03 and Wickhampton (Norfolk) 24/1/04.

Grey neck collar with code **FSL**
Ringed as an adult female Skagafjordur (N Iceland) 22/7/00.
Mate of **FNN**.
Movements Loch of Strathbeg (Aberdeens) 5/10/00-13/11/00, Docking (Norfolk) 12/1/01, Holkham (Norfolk) 31/1/01, Alness Bay (Ross + Cromarty) 21/4/01, Aberlady Bay (E Lothian) 1/11/01, Gullane (E Lothian) 4/11/01, Drem (E Lothian) 7-13/11/01, Pilling (Lancs) 24/11/01, Burnham Thorpe (Norfolk) 14-19/1/02, Loch of Strathbeg (Aberdeens) 2+16/10/02, Ardesier (Inverness) 26+28/2/03, Loch of Strathbeg (Aberdeens) 26/9/03, Meikle Loch (Aberdeens) 30/9/03 and 3/10/03, Loch of Strathbeg (Aberdeens) 6/11/03, Walsingham (Norfolk) 9/12/03, Langham 30/12/03 and 6/1/04, Freethorpe (Norfolk) 23/1/04 and Wickhampton (Norfolk) 5/2/04.

Grey neck collar with code **FTN**
Metal ring ISR 130260
Ringed as an adult female at Vallanes, Vallholmur (N Iceland) 22/7/00.
Movements Anmer (Norfolk) 12/11/00, Balerno (Midlothian) 23/2/01, Flitcham (Norfolk) 8/11/01, Wighton (Norfolk) 24/11/01, Lessingham (Norfolk) 29/11/01, Holkham (Norfolk) 29/1/02, 19/10/02 and 7/11/02, Martin Mere (Lancs) 7+9/2/03 and 27/10/03, Brancaster (Norfolk) 22/11/03, Wells (Norfolk) 6/12/03, Holkham 9/12/03, Dyfi Estuary (Ceredigon) 27/1/04, Fylde (Lancs) 7+9/2/04, Cruden Bay (Aberdeens) 2/3/04, Nigg (Ross+Cromarty) 9/4/04, Martin Mere 24+28/9/04, Holkham 13/11/04-3/2/05, Forres (Moray) 3/4/05, Kinloss (Moray) 5+10/4/05, Elgin (Moray) 12/4/05, Martin Mere 16-23/9/05, Loch Leven (Perth+Kinross) 3/10/05, Holkham 24/10/07, Hunstanton (Norfolk) 1/1/08, Martin Mere 1/10/08, Collieston (Aberdeens) 9/10/08, Morston14/12/08 and Holkham 20/12/08.

Grey neck collar with code **FVH**
Ringed as an adult female A-Huna (NC Iceland) 22/7/00.
Movements Meikle Loch (Aberdeens) 26/10/00, Flitcham (Norfolk) 2/1/01, Loch of Strathbeg (Aberdeens) 27/9/01, Meikle Loch (Aberdeens)13/10/01, St Fergus (Aberdeens) 16/10/01, Forres (Moray) 6+13/2/02, Loch of Strathbeg (Aberdeens) 20/10/02, Urquhart (Moray) 6/11/02, Alves (Moray) 17/11/02, Forres (Moray) 24/11/02, Burnham Market (Norfolk) 6/12/03, Langham 6/1/04 and St Fergus (Aberdeens) 17/2/05.

Grey neck collar with code **HUX**
Ringed as an .
Movements Langham 9/2/19.

Grey neck collar with code **ICS.**
Metal ring ISR 131403
Ringed as an adult female A-Huna (NC Iceland) 25/7/00.
Was mate of **ICV**.
Movements Burnham Market (Norfolk) 1/11/00, Lessingham (Norfolk) 19-27/11/00, Rollesby (Norfolk) 27/11/00, Horsey (Norfolk) 21/1/01 and 9/2/01, Holkham (Norfolk) 6/10/01, Docking (Norfolk) 19/10/01, Burnham Market 25+30/10/01, Riddlington (Norfolk) 29/12/01, Hempstead (Norfolk) 12/1/02, Waxham (Norfolk) 20/10/02-4/1/03, Holkham 24-26/9/03, Burnham Market 1/10/03, Lessingham 27/11/03, Cart Gap 27/11/03, Eccles-on –Sea (Norfolk) 28/11/03, Lessingham 16/12/03, Waxham 30/9/04-8/12/04, Sea Palling (Norfolk)

15/10/04-25/10/04, Horsey-Waxham 6/11/04-29/1/05, Hickling (Norfolk) 10/2/05, Horsey 29/10/05, Burnham Overy Staithe (Norfolk) 20/11/05, Waxham 20/11/05-4/12/05, Martham Broad (Norfolk) 10/1/06, Horsey 12/1/06, Longniddry (E Lothian) 11/10/06, Waxham 15/11/06, Caister-on-Sea (Norfolk) 18+18/11/06, Cart Gap 15/12/06, Horsey 20/1/07, Heigham Holmes (Norfolk) 23/1/07, Riddlington 29/1/07, Horsey 1-20/2/07, Bacton (Norfolk) 24/11/07, Horsey 27/11/07, Riddlington 4/12/07, Repps Mill (Norfolk) 1/1/08, Happisburgh (Norfolk) 17/1/08, Cart Gap 18-20/1/08, Waxham 10/1/09 and Langham 13/2/09.

Grey neck collar with code **IHS.**
Metal ring ISR 131559
Ringed as an adult male A-Huna (NC Iceland) 25/7/00.
Was mated with **IDN.**
Movements Martin Mere (Lancs) 18/10/00, Holkham (Norfolk) 16/12/00, Egmere (Norfolk) 3/1/01, Docking (Norfolk) 9/1/01, Loch Leven (Perth+Kinross) 18+20/2/01, Martin Mere 18/9/01, Winteringham (Lincs) 1+14/11/01, Pilling (Lancs) 24/2/02, Powmill (Perth+Kinross) 10/3/02, Holkham 24/10/02, Somerton (Norfolk) 26/10/02, Egmere 11/1/03, Martin Mere 24+25/9/03, Waxham (Norfolk) 4/10/03, Wells (Norfolk) 4+29/11/03, Martin Mere 23/12/03, Burnham Market (Norfolk) 26/1/04, Martin Mere 5/2/04, Holkham 11+24/2/05, Horsey (Norfolk) 16/10/05-27/11/05, Waxham 4/12/05, Southwood (Norfolk) 7/12/05, Holkham 3/2/06, Egmere 30/12/06, Kinnordy (Angus) 14/10/07, Langham 4/2/09.

Grey neck collar with code **IIL**
Ringed as an adult male A-Huna (NC Iceland) 25/7/00.
Movements Carnoustie (Angus) 14/10/00, Pilling (Lancs) 25-26/12/00, Martin Mere (Lancs) 27/10/01, Winteringham (Lincs) 1+14/11/01, Garmouth (Moray) 7/12/01, Loch Leven (Perth + Kinross) 16-26/2/02, Loch of Strathbeg (Aberdeens) 29-30/9/02, Loch Leven (Perth + Kinross) 5/2/03, Langham 3/1/04, Martin Mere (Lancs) 26/1/04, Thurnham (Lancs) 7/2/04, Glasson (Lancs) 13/2/04, Martin Mere (Lancs) 3/2/05.

Grey neck collar with code **IJY**
Ringed as an adult male Arness (C Iceland) 27/7/00.
Movements Wighton(Norfolk) 31/10/00, Holkham (Norfolk) 16/12/00, Ringstead (Norfolk) 11/1/01, Folly Loch (Borders) 3/12/01, Kelso (Borders) 16/12/01, Burnham Thorpe (Norfolk) 18/1/02, Kinloss (Moray) 1/2/02, Forres (Moray) 6/2/02, Alves (Moray) 11-16/2/02, Forres 17/2/02, Gullane (E Lothian) 30/10/04, Staynall (Lancs) 5/10/05, Martin Mere (Lancs) 16/10/05, Pilling (Lancs) 22/12/05, Martin Mere 4+21/10/06, Langham/Morston 31/12/06, Tain (Ross & Cromarty) 4/4/07 and Whitton (Lincs) 1/1/08.

Grey neck collar with code **ILV**
Ringed as an adult female Arness (C Iceland) 27/7/00.
Movements Brancaster Staithe (Norfolk) 6+8/12/01, Egmere (Norfolk) 3/1/01, Anstruther (Fife) 17-18/1/01, Meikle Loch (Aberdeens) 6/10/01-4/11/01, Congalton Gardens (E Lothian) 11/11/01, Burnham Market (Norfolk) 28/11/01, Brancaster Staithe (Norfolk) 22/12/01, Burnham Thorpe (Norfolk) 20/1/02, Horsey (Norfolk) 16-19/2/02, Acle (Norfolk) 28/2/02, Meikle Loch (Aberdeens) 27/3/02, Loch of Strathbeg (Aberdeens) 21/4/02, Burnham Market (Norfolk) 4/12/02, Acle (Norfolk) 6/2/03, Horsey (Norfolk) 14/2/03, Martin Mere (Lancs) 23+24/10/03, Formby (Lancs) 1/11/03, Brancaster (Norfolk) 22/11/03, Burnham Market (Norfolk) 6/12/03, Docking (Norfolk) 15/12/03, Langham 29/12/03, Acle (Norfolk) 12/1/04,

Horsey (Norfolk) 14/1/04, Wickhampton (Norfolk) 4-6/2/04, Martin Mere (Lancs) 29-30/11/04, Brancaster Staithe (Norfolk) 11+16/12/04 and Holkham (Norfolk) 9/2/05.
Clearly travels around with **INC** so possibly its mate**.**

Grey neck collar with code **INC**
Ringed as an adult male Arness (C Iceland) 27/7/00.
Movements Carnoustie (Angus) 14/10/00, Brancaster Staithe (Norfolk) 6+8/12/00, Anstruther (Fife) 17+18/3/01, Meikle Loch (Aberdeens) 6/10/01 and 4/11/01, Congalton Gardens (E Lothian) 11/11/01, Burnham Market (Norfolk) 28/11/01, Brancaster Staithe (Norfolk) 22/12/01, Burnham Market (Norfolk) 12/1/02, Burnham Thorpe (Norfolk) 18+20/1/02, Horsey (Norfolk) 16-19/2/02, Acle (Norfolk) 28/2/02, Meikle Loch (Aberdeens) 27/3/02, Loch of Strathbeg (Aberdeens) 21/4/02, Meikle Loch (Aberdeens) 29/9/02, Burnham Market (Norfolk) 4/12/02, Acle (Norfolk) 6/2/03, Horsey (Norfolk) 14/2/03, Martin Mere (Lancs) 23/10/03, Formby (Lancs) 1/11/03, Brancaster (Norfolk) 22/11/03, Fring (Norfolk) 25/11/03, Burnham Market (Norfolk) 15/12/03, Langham 29-30/12/03, Acle (Norfolk) 12/1/04, Horsey (Norfolk) 14/1/04, Wickhampton (Norfolk) 4-6/2/04.
Clearly travels around with **ILV** so possibly its mate**.**

Grey neck collar with code **IPD**
Ringed as an adult female Arness (C Iceland) 28/7/00.
Mate of **IPT.**
Movements Longniddry (E Lothian) 24/10/00, Holkham (Norfolk) 12-25/11/00, Wells (Norfolk) 31/12/00 and 4/1/01, Alves (Moray) 5-19/10/01, Forres (Moray) 23/10/01, Holkham (Norfolk) 6/12/01, Horsey (Norfolk) 12+13/1/02, Holkham (Norfolk) 3-13/2/02 and 28/9/02-31/12/02, Horsey (Norfolk) 9/1/03, Holkham (Norfolk) 11+26/1/03, Loch of Strathbeg (Aberdeens) 6+19/3/03, Martin Mere (Lancs) 20-24/9/03, Holkham/Wells (Norfolk) 25/9/03-21/1/04, Loch of Strathbeg/St Combs (Aberdeens) 22/2/04-14/3/04, Holkham (Norfolk) 14/11/04-24/2/05, Martin Mere (Lancs) 16/9/05, Holkham (Norfolk) 11/10/05, Loch of Strathbeg 16/4/06, Holkham 4/10/06, Langham/Morston 28/12/06 and Loch of Strathbeg 2/4/07.

Grey neck collar with code **IXD**
Metal ring ISR 130795
Ringed as a juvenile male Arness (C Iceland) 29/7/00.
Movements Edzell (Angus) 6/10/00, Forres (Moray) 4+6/4/01, Ardersier (Inverness) 8/4/01, Carlhurlie Reservoir (Fife) 9/2/01-1/3/02, Cruden Bay (Aberdeens) 15/10/02, Holkham (Norfolk) 7/11/02, Burnham Thorpe (Norfolk) 28/12/02, Holkham (Norfolk) 18/1/03, Warham (Norfolk) 8/2/03, Fylde (Lancs) 15/2/03, Wells (Norfolk) 29/11/03-6/12/03, Holkham (Norfolk) 9+29/12/03, Langham 31/12/03, Kinloss (Moray) 16/4/04, Holkham (Norfolk) 17/10/04 and 28/12/04, Pilling (Lancs) 23/1/05, Alves (Moray) 27/3/05, Holkham 24/12/05 and 15/1/06, Stalmine (Lancs) 25/2/06, Holkham 12+16/12/06 and 24/10/07-29/12/07, Hightown Bends (Lancs) 11/2/08, Cockthorpe (Norfolk) 26/10/08, Pilling (Lancs) 8/2/09, Gollanfield (Aberdeens) 29/3/09+5/4/09, Holkham 24+31/1/10, Plex Moss (Lancs) 7/2/10, Thurnham (Fylde, Lancs) 14/2/10, Holkham 22/10/10- 21/1/11, SE of Cley 1-7/2/11, Holkham 20/10/11, Morston 23/12/11, Holkham 9/1/12, Wells 23/11/12, Martin Mere (Lancs) 28/9/13, Weybourne 9/11/13, Holkham 18/11/13, Kelling 12/12/13, Field Dalling 8/1/14, Holkham 18/11/13, Field Dalling (Norfolk) 10/12/13, Kelling 12/12/13, Holkham 18/1/14, Martin Mere 12/10/14, Holkham 25/10/14-14/11/14, Blakeney 4/12/14, Cley Marshes 29/12/14-12/1/15, Burnham Market (Norfolk) 3/12/15, SW of Glandford 6/12/15,

Holkham 30/10/16, Weybourne 23/11/16, Cley Marshes 28/11/16 Holkham 28/12/16 and Wells 8/1/17.

Grey neck collar with code **IXZ**
Ringed as an adult female Arness (C Iceland) 29/7/00.
Movements Loch of Strathbeg (Aberdeens) 3/10/00, Brancaster (Norfolk) 9/1/01, Carnoustie (Angus) 3/3/01, Thurso (Caithness) 15/3/01, Ringstead (Norfolk) 28/11/01, Loch of Strathbeg (Aberdeens) 1/10/02, Brancaster (Norfolk) 23/11/02, Pilling (Lancs) 18/2/03, Wigtown (Dumfries and Galloway) 12/3/03, Martin Mere (Lancs) 22/9/03, Brancaster (Norfolk) 10/11/03, Repps (Norfolk) 30/12/03, Martham (Norfolk) 31/12/03-4/1/04, Wickhampton (Norfolk) 24+25/1/04, Martin Mere (Lancs) 18+19/10/04, Ringstead (Norfolk) 10/12/04, West Somerton (Norfolk) 13/1/05, Waxham (Norfolk) 21/1/05, Sea Palling (Norfolk) 25/1/05, Halkirk (Caithness) 23/3/05, Knockdee (Caithness) 12/4/05, Brancaster Staithe (Norfolk) 9/10/05, Field Dalling (Norfolk) 14/10/05, Burnham Overy Staithe (Norfolk) 20/11/05, Halvergate Marshes (Norfolk) 28/12/05, Martham (Norfolk) 10/1/06, Langham/Morston 26/12/06 and Herringfleet (Suffolk) 13/1/08.

Grey neck collar with code **JPF.**
Metal ring GBT 139713?
Ringed as an adult male at Balmedie (Aberdeens) 26/10/03.
Mate of **FTT**.
Movements Slains (Aberdeens) 26/10/03, Lossiemouth (Moray) 7+23/11/03, Urquhart (Moray) 28/11/03, Elgin (Moray) 8/12/03, Docking (Norfolk) 15/12/03, Stanhoe (Norfolk) 28/12/03, Flitcham (Norfolk) 3/1/04, Burnham Market (Norfolk) 17/1/04, Powmill (Pert+Kinross) 21/2/04, Loch of Strathbeg (Aberdeens) 29/9/04+12/10/04, Horsey-Waxham (Norfolk) 2-8/11/04, Brancaster Staithe (Norfolk) 1/12/04+1/1/05, Holkham (Norfolk) 22/1/05, Holme (Norfolk) 11/2/05, Holkham 4+6/10/06, Waxham 9/10/06, Happisburgh (Norfolk) 23/10/06, Egmere (Norfolk) 30/12/06, Waxham 30/1/07, Burnham Norton (Norfolk) 6/2/07, Kinnordy (Angus) 14/10/07, Repps Mill (Norfolk) 14/1/08, Brumstead (Norfolk) 15/1/08, Acle (Norfolk) 19/1/08, Bradwell (Norfolk) 18+20/12/08 and Langham 29/1/09-4/2/09.

Grey neck collar with code **LAF.**
Metal ring GBT 130910?
Ringed as an adult female at Oddkelsalda, Thjorsarver, Arness, C Iceland 29/7/00.
Was mate of **ICT** now mated with an unringed bird.
Movements Brancaster Staithe (Norfolk) 4/1/01, Docking (Norfolk) 5/1/01, Brancaster 9/1/01, Blairdrummond Moss (Stirling) 22/3/01, Brancaster Staithe 10/11/01, Martin Mere (Lancs) 27/9/02-9/10/02, Burnham Market (Norfolk) 26/10/02, Brancaster Staithe 28/12/02, Bannans (Cromarty) 12/3/03, Martin Mere 20/9/03-27/10/03, Brancaster Staithe 27/11/04 + 11/12/04, Martin Mere 6+7/1/05, Wigtown (Dumfries and Galloway) 12/3/05, Martin Mere 23+27/9/05, Staynall (Lancs) 5/10/05, Auldearn (Inverness) 3/4/06, Montrose (Angus) 16/10/06, St Fergus (Aberdeens) 6/10/07, Montrose Basin 22/10/07, Field Dalling (Norfolk) 18-30/1/08, Langham 29/1/09-7/2/09, Burnham Overy Staithe 11/2/09, Langham 16/2/09 and Pilling (Lancs) 21/2/09.

Grey neck collar with code **LBH**
Ringed as an adult female Arness (C Iceland) 29/7/00.
Movements Perth 9/10/00, Horsey (Norfolk) 31/1/01, Acle (Norfolk) 10/3/01, Loch Leven (Perth and Kinross) 24+25/10/01, Martin Mere (Lancs) 30/9/02 – 10/10/02, Burnham Market

(Norfolk) 19/10/02, Horsey (Norfolk) 24/10/02, Holkham (Norfolk) 21/12/02, Caister-on-Sea (Norfolk) 27+28/12/02, Acle (Norfolk) 11/2/03, Ardersier (Inverness) 28/2/03, Loch of Strathbeg (Aberdeens) 19/9/03, Meikle Loch (Aberdeens) 20/9/03, Holkham (Norfolk) 13/10/03, Lessingham (Norfolk) 27/11/03, Eccles-on-Sea (Norfolk) 28/11/03, Burnham Market (Norfolk) 13/12/03, Langham 31/12/03, Little Crosby (Lancs) 28/2/04, Meikle Loch (Aberdeens) 25/9/04, Repps (Norfolk) 13/11/04, Corton (Suffolk) 16/11/04, Hopton (Norfolk) 19/11/04, Halvergate (Norfolk) 13/12/04, Martin Mere (Lancs) 14/1/05, Ovenstone (Fife) 6/3/05, East Chevington Pools (Northumberland) 18/9/05 and Brancaster Staithe (Norfolk) 9/10/05.

Grey neck collar with code **LCT**
Metal ring ISR 132013.
Ringed as an adult male at Oddkelsalda, Thjorsarver, Arness (C Iceland) 27/7/00.
Movements Martin Mere (Lancs) 6/10/00, Egmere (Norfolk) 9/1/01, Martin Mere (Lancs) 13-14/10/01, Flitcham (Norfolk) 24/11/01, Burnham Market (Norfolk) 28/11/01, Martin Mere (Lancs) 30/9/02-11/10/02 + 23-30/9/03, Warham (Norfolk) 1/11/03, Flitcham (Norfolk) 10-11/1/04, Stanhoe (Norfolk) 21/1/04, Flitcham (Norfolk) 1/2/04, Cotehill (Aberdeens) 22/9/04, Martin Mere (Lancs) 25/9/04-28/10/04+18/10/04, Medwyn Mairs (Borders) 18/10/06, Montrose Basin (Angus) 27/10/09, Martin Mere (Lancs) 11-12/11/09, Eccles-on-sea (Norfolk) 16/11/11, Warham (Norfolk) 16/12/11, Morston 30/12/11, Cley Marshes 10-13/1/12 and Blakeney Freshes 15/1/12.

Grey neck collar with code **LCZ**
Metal ring ISR 130949
Ringed as an adult male Arness (C Iceland) 29/7/00.
Movements Fylde (Lancs) 16/3/03, Holkham (Norfolk) 23-25/9/03, Burnham Market (Norfolk) 30/9/03, Flitcham (Norfolk) 25/1/04, Brancaster Staithe (Norfolk) 27/11/04, Repps (Norfolk) 1-4/12/04, Holkham 29/1/05-9/3/05, St Fergus (Aberdeens) 28/9/05, Waxham (Norfolk) 6+8/10/06, Burnham Overy 9-20/10/06, Happisburgh (Norfolk) 28/10/06, Holkham 25/11/06, Horsey (Norfolk) 29/1/07+6/2/07, Loch Leven (Perth+Kinross) 4-5/4/07, Waxham 1/11/07, Holkham 27/11/07+24/12/07, 9+16/10/08, 27/1/09 and Langham 13/2/09.

Grey neck collar with code **LJT**
Ringed as an adult female Arness (C Iceland) 29/7/00.
Movements Brancaster Staithe (Norfolk) 7/12/01 and 4/1/01, Brancaster (Norfolk) 9/4/01, Cambee Reservoir (Fife) 1+3/2/01, Elgin (Moray) 13/4/01, Hempstead (Norfolk) 10/11/01, Docking (Norfolk) 2/12/01, Burnham Market (Norfolk) 10-11/1/02, Horsey (Norfolk) 19/2/02, Powmill (Perth and Kinross) 30/3/02 and 3/4/02, Loch Leven (Perth and Kinross) 11/4/02, Balloch (Inverness) 5/4/03, Stanhoe (Norfolk) 19/11/03, Brancaster (Norfolk) 22/11/03 and 2/12/03, Burnham Market (Norfolk) 9/12/03, Stanhoe (Norfolk) 12+14/12/03, Flitcham (Norfolk) 29-31/12/03, Langham 4/1/04 and Loch Leven (Perth and Kinross) 24/2/04-8/4/04.

Grey neck collar with code **LNC**
Metal ring GBT 1397301
Ringed as an adult male at Balmedie (Aberdeens) 2/4/06.
Movements Balmedie 3/4/06, Meikle Loch (Aberdeens) 11/4/06, Findhorn Bay (Moray) 22/4/06, Coltfield (Moray) 2/4/07, Forres (Moray) 16-17/4/07, Loch of Skene (Aberdeens) 7/10/07, Belmullet (Co Mayo) 18/11/08+28/12/08, Derrytrasna Lough Neagh (Co Armagh) 10/2/09, Martin Mere (Lancs) 7-30/10/09, Alves (Moray) 6/4/10, Brydekirk (Dumfries)

11/2/11, Martin Mere 18/10/12, Marshside RSPB (Lancs) 25/10/12, Cockerham Moss (Lancs) 17/1/13, Martin Mere 8/10/13, South of Cley 3-4/12/15, Cley Marshes 5/12/15, Branthill (Norfolk) 3/1/16 and Wighton (Norfolk) 10/1/16.

Grey neck collar with code **LSU**
Metal ring GBT 1397365
Ringed as a juvenile male at Balmedie (Aberdeens) 31/3/07.
Movements Meikle Loch (Aberdeens) 6/4/07, Docking (Norfolk) 24/11/07-29/12/07, Hunstanton (Norfolk) 7/1/08, Soughall (E Lothian) 10/2/08, Collieston (Aberdeens) 2/3/08, Burnham Overy Staithe (Norfolk) 13/10/08, Montrose Basin (Angus) 13/10/09, Southport (Lancs) 15/11/09, Black Isle (Highland) 13/4/10, Eysturoy (Faroes) 21/4/10, Cley 31/1/11-7/2/11.

Grey neck collar with code **LXX**
Metal ring GBT 1397441
Ringed as a juvenile male at Blackburn (Aberdeens) 31/3/07.
Movements Ythan Estuary (Aberdeens) 3/4/07, Repps (Norfolk) 18+20/11/07, Rollesby (Norfolk) 22/11/07, Sharrington (Norfolk) 4/12/07, Field Dalling (Norfolk) 17-23/1/08, Thornton (Lancs) 8/2/08, Downholland Moss (Lancs) 17/2/08, South Medwin Pools (S Lanarks) 5/10/08, Stalmine (Lancs) 15/10/08, Little Crosby (Lancs) 7+14/12/08, Cockerham (Lancs) 28-30/12/08, Downholland Moss (Lancs) 8/2/09, Little Altcar (Lancs) 22/2/09, Kinmuck (Aberdeens) 20/3/10, Holkham (Norfolk) 23/1/12, Sedgeford (Norfolk) 10/2/12, Downholland Moss (Lancs) 19/2/12, Blakeney Freshes 2/1/13

Grey neck collar with code **N6**
Ringed as an adult male Loch Leven (Perth + Kinross) 20/3/96.
Movements Loch Leven (Perth + Kinross) 9+30/4/96, 10/9/96 and 17/3/97, Tain (Ross and Cromarty) 17/4/97, Waxham (Norfolk) 7/11/97, Loch Leven (Perth + Kinross) 21/2/98-27/4/98, Lindisfarne (Northumberland) 9/10/98, Flitcham (Norfolk) 16/11/98, Loch Leven (Perth + Kinross) 25-26/2/99, Drem (E Lothian) 4/11/99, Flitcham (Norfolk) 10/1/00, Wighton (Norfolk) 24/1/00, Stirling 27/2/00, Loch Leven (Perth + Kinross) 24/3/00-27/4/00, Egmere (Norfolk) 26/12/00 and 3/1/01, Holkham (Norfolk) 13/1/01, North Barsham (Norfolk) 19/11/01, Burnham Market (Norfolk) 9/1/02, Burnham Thorpe (Norfolk) 13-18/1/02, Dupplin (Pert + Kinross) 23/2/02, Horsey (Norfolk) 25-26/10/02, Warham (Norfolk) 8/2/03, Loch Leven (Perth + Kinross) 12/4/03, Holkham (Norfolk) 26/9/03, Burnham Thorpe (Norfolk) 26/9/03, Burnham Market (Norfolk) 30/9/03–4/10/03, Wells (Norfolk) 29/11/03, Walsingham (Norfolk) 9/12/03, Repps (Norfolk) 30/12/03-3/1/04 and Langham 5-7/1/04.

Grey neck collar with code **PCU**
Metal ring GBT 133786?
Ringed as an adult female Loch of Lintrathen (Angus) 27/10/05.
Movements Holkham (Norfolk) 21/1/06, Forres (Moray) 8-11/10/07, Docking (Norfolk) 8+24/11/07, Cockthorpe (Norfolk) 4+6/1/08, Thrigby (Norfolk) 24+26/1/08 and Cley 12/1/11.

Grey neck collar with code **PHF**
Ringed as an adult female Loch of Lintrathen (Angus) 29/10/05.
Movements Langham/Morston 6/12/06.

Grey neck collar with code **PHJ**
Metal ring GBT 138596?
Ringed as a juvenile female Loch of Lintrathen (Angus) 29/10/05.
Mate an unringed bird.
Movements Slains Pool (Aberdeens) 6/1/06, Udale Bay (Ross+Cromarty) 21/4/06, Cromarty (Ross+Cromarty) 23/4/06, Blackburn (Aberdeens) 15/11/06, Berney Marshes (Norfolk) 22/1/08, Thrigby (Norfolk) 23+24/1/08, Halvergate Marshes (Norfolk) 26/1/08+5/2/08, Langham 4/2/09, Corby Loch (Aberdeens) 24/2/09 and East Ruston (Norfolk) 28/12/09.

Grey neck collar with code **PJH**
Metal ring GBT 1385994
Ringed as adult male Loch of Lintrathen (Angus) 20/11/05.
Movements Cullcudden (Ross+Cromarty) 4-5/11/06, Skinburness Marsh (Lancs) 28/2/07, Aberlady (E Lothian) 2/11/07, Findhorn Bay (Moray) 22/4/10 and Cley Mashes 4-5/1/15.

Grey neck collar with code **PJN**
Metal ring GBT 138599?
Ringed as an adult female Loch of Lintrathen (Angus) 20/11/05.
Paired with **PVJ**.
Movements Balmedie (Aberdeens) 3-9/4/06, Collieston (Aberdeens) 12/10/08, Loch of Skene (Aberdeens) 17/11/08, Ladybank (Fife) 22/11/08, Ringstead (Norfolk) 7/12/10 and Kelling 3/1/11.

Grey neck collar with code **PKL**
Metal ring GBT 1399815
Ringed as an adult female Loch of Lintrathen (Angus) 20/11/05.
Movements Roseisle (Moray) 20-25/12/07, Clochan (Moray) 15/11/08, Roseisle(Aberdeens) 13/12/08, Alves (Aberdeens) 18/12/08, Dalcross (Inverness) 18/12/08, Loch of Strathbeg (Aberdeens) 17/9/09, Syderstone (Norfolk) 4/12/12, Tain (Ross & Cromarty) 28/2/13, East Stobswood (Northumberland) 9/3/14, Cresswell (Northumberland) 4/2/16 and Blakeney Fresh Marshes 14/12/16.

Grey neck collar with code **PVJ**
Metal ring GBT 139983?
Ringed as an adult male Loch of Lintrathen (Angus) 20/11/05.
Paired with **PJN**.
Movements Loch of Skene (Aberdeens) 5/2/06, Elgin (Moray) 9/3/06, Kinloss (Moray) 23/3/06, Auldearn (Inverness) 3+4/4/06, Nairn (Inverness) 5/4/06, Kirriemuir (Angus) 14/10/06, Meikle Loch (Aberdeens) 15+21/10/08, Loch of Skene (Aberdeens) 30/10/08, Cullerlie (Aberdeens) 15/11/08, Loch of Skene (Aberdeens) 17/11/08, Ladybank (Fife) 22/11/08, Ringstead (Norfolk) 7/12/10 and Kelling 3/1/11.

Grey neck collar with code **PXC**
Metal ring GBT 139984?
Ringed as a juvenile male Loch of Lintrathen (Angus) 20/11/05.
Movements Elgin (Moray) 25+26/1/06, Lochty Farm (Fife) 5/2/06, Elgin 15+18/2/06, Roseisle (Moray) 19/2/06, Kinloss (Moray) 15-19/2/07, Loch of Strathbeg (Aberdeens) 11/3/07, Westhill (Aberdeens) 14/12/07, Kinellar (Aberdeens) 19/12/07, Langham 12/12/08, Burnham Overy Staithe (Norfolk) 12/2/09, Pilling (Lancs) 17/2/09, Elgin (Aberdeens) 17/3/09.

Grey neck collar with code **PXU**
Metal ring GBT 139985?
Ringed as a juvenile female Loch of Lintrathen (Angus) 20/11/05.
Movements Annfield Farm (Fife) 10/3/07, Waxham (Norfolk) 1/11/07, Kingskettle (Fife) 7/4/08, Shammer House (Norfolk) 2/12/08, Langham 13/12/08 and Dallcross (Aberdeens) 22/3/09.

Grey neck collar with code **PZK**
Metal ring no. 1412394
Ringed as a juvenile male Loch of Lintrathen (Angus) 20/11/05 but is presumably a female as it is paired with **TDH** which was ringed as an adult male.
Movements Fleggburgh (Norfolk) 6/12/08, Langham 12/2/09, Docking (Norfolk) 11/11/09, Holme (Norfolk) 5/2/10, Martin Mere (Lancs) 28/10/10, Field Dalling (Norfolk) 29/11/13+10/12/13, South Ferriby (Lincs) 3/10/14, Brancaster (Norfolk) 2+3/1/15, S of Burnham Market (Norfolk) 24/12/15 and Saxlingham (Norfolk) 6/1/16.

Grey neck collar with code **PZL**
Metal ring no GBT 1408052.
Ringed as an adult male at Loch of Lintrathen (Angus) 16/12/07.
Movements Loch of Strathbeg (Aberdeens) 20/2/08, Wester Manbeen (Moray) 27/3/08, Miltonduff (Moray) 29/3/08, Burnside Newton (Moray) 30/3/08, Loch of Strathbeg 26/9/10, Pilling (Lancs) 30/1/11, Southerness Point (Dumfries) 12-13/3/11, Morston 31/12/11, Little Crosby (Lancs) 21/1/12, Downholland Moss (Lancs) 8/2/12, Sutton Marsh (Lancs) 7/4/13.

Grey neck collar with code **TAC**
Metal ring no. 1412353.
Ringed as an adult male Loch of Lintrathen (Angus) 22/10/06.
Movements Newton (Inverness) 1/4/07, Dalcross (Inverness) 3/4/07, Bretdon Water (Norfolk) 18/11/07, Bacton (Norfolk) 24/11/07, Holkham 27/11/07, Sharrington (Norfolk) 1/12/07, Runham (Norfolk) 19/12/07, Repps (Norfolk) 5+16/1/08, Berney Marshes (Norfolk) 22/1/08, Thrigby (Norfolk) 23/1/08, Balloch (Inverness) 9/4/08, Pilling (Lancs) 1-2/11/08, 8/1/09 and 3/2/09, Dalcross 1/3/09-3/4/09, Choseley (Norfolk) 11/11/09, Dalcross 19/3/10-8/4/10, Holkham 24/11/10, Morston 21/12/11, Blakeney Freshes 23/1/12 and Cley Marshes 24/1/12.

Grey neck collar with code **TAH**
Ringed as an adult male Loch of Lintrathen (Angus) 22/10/06.
Mate of **TAK.**
Movements Arncroach (Fife) 7/12/06, Langham/Morston 28/12/06, Rosehearty (Aberdeens) 23/3/07, Jemimiville (Ross+Cromarty) 14/4/07, Udale Bay (Ross+Cromarty) 21/4/07, Martin Mere (Lancs) 27/9/07 + 13/10/07, Southport (Lancs) 19/10/07, Docking (Norfolk) 8/11/07, Holkham (Norfolk) 10/11/07, Bircham Newton (Norfolk) 17/1/08, Saxlingham (Norfolk) 30/1/08 and Udale Bay 17/4/08.

Grey neck collar with code **TAK**
Ringed as an adult female Loch of Lintrathen (Angus) 22/10/06.
Mate of **TAH.**
Movements Arncroach (Fife) 7/12/06, Langham/Morston 28/12/06, Rosehearty (Aberdeens) 23/3/07, Jemimiville (Ross+Cromarty) 14/4/07 Udale Bay (Ross+Cromarty) 21/4/07, Martin

Mere (Lancs) 27/9/07 + 13/10/07, Southport (Lancs) 19/10/07, Saxlingham (Norfolk) 30/1/08 and Udale Bay 17/4/08.

Grey neck collar with code **TBD**
Ringed as an adult male Loch of Lintrathen (Angus) 22/10/06.
Mate of **TBL.**
Movements Langham/Morston 28/12/06, Winterton (Norfolk) 17+19/1/07, Loch of Strathbeg (Aberdeens) 15/10/07 and Langham 30/1/09-7/2/09.

Grey neck collar with code **TBL**
Ringed as an adult female Loch of Lintrathen (Angus) 22/10/0.
Mate of **TBD.**
Movements Langham/Morston 28/12/06, Winterton (Norfolk) 17+19/1/07 and Langham 30/1/09-7/2/09.

Grey neck collar with code **TCC**
Metal ring no. 1408056
Ringed as a juvenile male Loch of Lintrathen (Angus) 16/12/07.
Movements Newton (Moray) 9/4/10 and Morston 30/12/11.

Grey neck collar with code **TDH**
Metal ring no. 1408077
Ringed as an adult male Loch of Lintrathen (Angus) 16/12/07.
Movements Fleggburgh (Norfolk) 6/12/08, Langham 12/2/09, Findhorn Bay (Aberdeens) 23/4/09, Docking (Norfolk) 11/11/09, Holme (Norfolk) 5/2/10, Martin Mere (Lancs) 28/10/10+5/11/10, Field Dalling (Norfolk) 29/11/13+10/12/13.

Grey neck collar with code **TDK**
Metal ring no 1408080.
Ringed as a female at Loch of Lintrathen (Angus) 16/12/07.
Movements Munlochy (Inverness) 1/3/09, Kinmuck (Aberdeens) 15/3/09, South Womblehill (Aberdeens) 1/4/09, Cullerlie (Aberdeens) 14/3/10, Westhill (Aberdeens) 7+8/4/10, Kinellar (Aberdeens) 10/4/10, Langham 3/2/13

Grey neck collar with code **TFI**
Metal ring no. 1412407
Ringed as an adult male Loch of Lintrathen (Angus) 16/12/07.
Movements Burnham Market (Norfolk) 3/12/08 and 8+10/12/09.

Grey neck collar with code **THH**
Metal ring no. 1399892
Ringed as a juvenile male at Loch of Lintrathen (Angus) 16/12/07.
Movements Elgin (Moray) 29/3/08, Langham 8+12-13/12/08 and Morston 14/12/08.

Grey neck collar with code **THN**
Collar code difficult to read as on one side it is mainly obscured by the flap and on the other side the **N** is indistinct in the centre and this letter appears to be thinner than the others.
Metal ring no. 1399897
Ringed as an adult female at Loch of Lintrathen (Angus) 16/12/07.

Movements Loch of Strathbeg (Aberdeens) 28/9/08, Martin Mere (Lancs) 8/11/10, Staining (Lancs) 16/1/11, Loch of Strathbeg 25/10/11-3/11/11, Blakeney Freshes 2/1/13, Horsey (Norfolk) 28/1/13 and Cley Marshes 31/12/14 – 6/2/15 and on the late date of 11/4/15 still with its mate but the bird looked sick/injured and unable to walk properly.

Grey neck collar with code **THS**
Metal ring GBT 1399898
Ringed as an adult male Loch of Lintrathen (Angus) 16/12/07.
Movements East Ruston (Norfolk) 12/12/10, Holkham (Norfolk) 20/1/11, Cley 31/1/11-7/2/11, Kelling Quag then Cley Marshes 6/12/12, Loch of Strathbeg (Aberdeens) 8-26/10/13, Cley Marshes 13+16/12/14.

Grey neck collar with code **TKP**
Ringed as an .
Movements E of Langham 13/1/20.

Grey neck collar with code **TSU**
Metal ring GBT 133796?
Ringed as a juvenile male at Loch of Lintrathen (Angus) 22/10/06.
Movements Forres (Moray) 8/10/07, Blakeney Point 4/10/08 when seen to be in an exhausted state, Cley Marshes 17/10/08, Blakeney Point and Cley Marshes 22/10/08, Thornham (Norfolk) 1-3/12/08 and Burnham Overy 4/1/09.

Grey neck collar with code **TUS**
Metal ring no. 1338000
Ringed as an adult male Loch of Lintrathen (Angus) 22/10/06.
Movements Repps Mill (Norfolk) 16/1/08, Freethorpe (Norfolk) 18/1/08, Thrigby (Norfolk) 23/1/08, Langham 12-13/12/08 and 30/1/09-3/2/09, North Plain RSPB Reserve (Cumbria) 4/3/10, Haddiscoe Marshes (Norfolk) 25/1/11, Warham (Norfolk) 16/12/11, Morston 25+30/12/11, Holkham (Norfolk) 16/1/12 and Horsey (Norfolk) 22/1/12.

Grey neck collar with code **TUU**
Ringed as an adult male Loch of Lintrathen (Angus) 22/10/06.
Movements Langham/Morston 18/12/06 and Loch Leven 19/4/07.

Grey neck collar with code **TXF**
Metal ring GBT 1412437
Ringed as an adult male Loch of Lintrathen (Angus) 16/12/07 .
Movements Pilling (Lancs) 11+17/10/09, Dalcross (Inverness) 19/3/10, St Annes Moss (Lancs) 21/10/12, Blakeney 4/12/14, Kirkinner (Dumfries) 27/3/15 and Refsmyri (Ormarsstadir, Iceland) 12/5/15.

Grey neck collar with code **TXZ**
Metal ring GBT 141245?
Ringed as a juvenile female Loch of Lintrathen (Angus) 16/12/07.
Movements Westhill (Aberdeens) 8-13/1/09, Loch Leven (Perth & Kinross) 31/10/09, Montrose Basin (Angus) 7/3/10 and Cley 12/1/11.

Grey neck collar with code **TZT**
Metal ring

Ringed as a .
Movements Rosehill (Stirling) 2/1/08, Inchmore (Inverness) 19/3/10, Gallamuir Farm (Stirling) 8/10/10, Freethorpe (Norfolk) 27/11/11, Morston 24/12/11, Holkham(Norfolk) 21/11/13, Blakeney 4/12/14, Holkham 14/11/16, Shammer (Norfolk) 2/12/16, Holt 29/12/16, Oby Grazing Marshes (Norfolk) 2/1/17, Cley Marshes and Salthouse 6/11/17.

Grey neck collar with code **UBK**
Right leg: metal ring no .
Ringed as an .
Movements Langham 5-6/2/19.

Grey neck collar with code **UCT**
Metal ring no 1460395.
Ringed 5/1/14 Blackburn (Aberdeens) as an adult male.
Movements Montrose Basin (Angus) 22/10/14, Burnham (Lincs) 10/10/17, Thornage (Norfolk) 2/12/17, Cley Marshes 21/12/17 and Chosely(Norfolk) 28/12/17.

Grey neck collar with code **UHV**
Metal ring no .
Ringed 1/12/16 at Martin Mere WWT (Lancs)?
Movements Cley Marshes 22/11/19, E of Langham 15/1/20.

Grey neck collar with code **UHX**
Metal ring no 1302409.
Ringed 1/12/16 as an adult male at Martin Mere WWT (Lancs).
Appeared to be paired with **UHZ**
Movements Martin Mere 3/12/16, Clippesby (Norfolk) 10/1/17, Weybourne 19+21/1/17, Upton Grazing Marshes (Norfolk) 18/2/17 and Cley Marshes 25/2/17.

Grey neck collar with code **UHZ**
Metal ring no 1302410.
Ringed 1/12/16 as an adult female at Martin Mere WWT (Lancs).
Appeared to be paired with **UHX**
Movements Holmes (Lancs) 2/12/16, Clippesby (Norfolk) 10/1/17, Weybourne 19+21/1/17, Upton Grazing Marshes (Norfolk) 18/2/17 and Cley Marshes 25/2/17.

Grey neck collar with code **ULJ**
Metal ring no 136970.
Ringed 18/7/13 as a male at Urgur, Nordur-Mulaysla (Central Iceland).
Movements The Stockyard (Norfolk) 22/10/14, Wells (Norfolk) 17/1/15, Loch of Strathbeg (Aberdeens) 27/9/15, Eagland Hill (Lancs) 15/10/15, Branthill (Norfolk) 2-4/1/16, Saxlingham (Norfolk) 19/1/16, SE of Cley 23/1/16 and Saxlingham 25/1/20.

Grey neck collar with code **ULU**
Metal ring no 113528.
Ringed 18/7/13 as an adult male at Halslon, Nordur-Mulaysla (Central Iceland).
Movements Titchwell (Norfolk) 3/12/14, Aldcliffe Marsh (Lancs) 10/2/15, Loch of Skene (Aberdeens) 28/10/15, Folly Loch (Borders) 7/11/16 and Cley Marshes 6-13/10/17.

Grey neck collar with code **UNB**

Metal ring no132126.
Ringed 17/7/13 as an adult male at Halslon, Nordur-Mulaysla (Central Iceland).
Movements Cley Marshes 9/10/17.

Grey neck collar with code **UND**
Metal ring no 132132.
Ringed 17/7/13 as an adult male at Halslon, Nordur-Mulaysla (Central Iceland).
Movements Loch of Skene (Aberdeens) 25/10/16 and Cley Marshes 12-14/10/17.

Grey neck collar with code **UNK**
Metal ring no ISR 132129.
Ringed as an adult male at Halson, Nordur-Mulasyla, Central Iceland 17/7/13.
Movements Weybourne 8/11/13, Faxagil (Hrafkelsdalur, Iceland) 11/6/14, Cley Marshes 5/1/15, Faxagil 8/6/15, S of Cley 3/12/15, Docking(Norfolk) 10/12/15+31/01/16, Weybourne 24/11/16, Cley 29/11/16, Salthouse 30/11/16, Blakeney Freshes 18/12/16, Sheringham (Norfolk) 20/12/16, High Kelling(Norfolk) 28/12/16, Summerfield (Norfolk) 5/1/17, Weybourne 19+21/1/17, Wellhead, Genoch Mains (Dumfries & Galloway) 15/2/17 and Cley Marshes 10+14/12/19.

Grey neck collar with code **UNP**
Metal ring no 132107.
Ringed 17/7/13 as an adult female at Halslon, Nordur-Mulaysla (Central Iceland).
Movements Doddington (Northumberland) 27/2/16, Martin Mere (Lancs) 3-14/10/16, Weybourne 24/11/16, Docking (Norfolk) 29/12/16, Cley Marshes 6+13/10/17 and Burnham Market (Norfolk) 25/10/17.

Grey neck collar with code **UNZ**
Metal ring no 132149.
Seen Cley Marshes 24/11 (MG)
Ringed 18/7/13 as an adult male at Halslon, Nordur-Mulaysla (Central Iceland).
Movements Holkham (Norfolk) 14/11/14, Blundeston Marshes (Suffolk) 11/1/15, Brancaster (Norfolk) 21/12/16, Lytham Moss (Lancs) 29/10/17 and Cley Marshes 24/11/17.

Grey neck collar with code **VAB**
Metal ring no 1302412.
Ringed 1/12/16 as an adult female at Martin Mere WWT (Lancs).
Appeared to be attached to the pair **UHX+UHZ.**
Movements Clippesby (Norfolk) 10/1/17, Weybourne 19+21/1/17, Upton Grazing Marshes (Norfolk) 18/2/17 and Cley Marshes 25/2/17.

Grey neck collar with code **VDI**
Metal ring no 1499235.
Ringed 24/3/17 as an adult male at Arbigland Estate, Carsethorn (Dumfries+Galloway).
Movements Cley Marshes 6-9/10/17.

Grey neck collar with code **VUZ**
Metal ring no 1499001.
Ringed as a juvenile at Martin Mere WWT (Lancs) 22/3/18.
Movements Cley Marshes 6-13/10/18.

Grey neck collar with code **VXD**
Metal ring no
Ringed as an
Movements Blakeney Freshes 31/12/20

Grey neck collar with code **XAC**
Metal ring no1704003.
Mate of Tag no1499
Ringed as an adult at High Kelling 16/1/18.
Movements Cley Marshes 12-25/10/18(with 2 juveniles), in fields at Weybourne 21/10/18 and inland of Cley 31/10/18.

Grey neck collar with code **XAF**
Metal ring no1704005.
Ringed as a juvenile at High Kelling 16/1/18.
Movements Cley Marshes 17-31/1/18 then shot in Iceland 20/10/18.

Grey neck collar with code **XAI**
Metal ring no 1704007.
Ringed as a juvenile at High Kelling 16/1/18.
Movements Weybourne 19/1/18, Blakeney Freshes 30/1/18, Cley Marshes 1-2/2/18, Blakeney Freshes 7/2/18.

Grey neck collar with code **XAJ**
Metal ring no 1704009.
Ringed as an adult at High Kelling 16/1/18.
Movements Cley Marshes 1-20/10/18 and Weybourne 21/10/18.

Grey neck collar with code **XAL**
Metal ring no1704011.
Ringed as an adult at High Kelling 16/1/18.
Movements Weybourne 19/1/18, Cley Marshes 1-2/2/18.

Grey neck collar with code **XAP**
Metal ring no1704013.
Ringed as a juvenile at High Kelling 16/1/18.
Movements East of Saxlingham (Norfolk) 17/1/18.

Grey neck collar with code **XAS**
Metal ring no1704015.
Ringed as an adult at High Kelling 16/1/18.
Movements Holkham 19/1/18 and Cley Marshes 24/10/18.

Grey neck collar with code **XAU**
Metal ring no1704017.
Ringed at High Kelling 16/1/18.
Movements N of Langham 25/1/18, Morston Chase 27/1/18, Cley Marshes 14/10/19, E of Langham 17/1/20.

Grey neck collar with code **XAV**

Metal ring no1704018.
Ringed at High Kelling 16/1/18.
Movements Cley Marshes 3-4+10/12/19, 16/12/21.

Grey neck collar with code **XAX**
Metal ring no1704019.
Paired with XBA
Ringed as a juvenile at High Kelling 16/1/18.
Movements Blakeney Freshes 16/1/18.

Grey neck collar with code **XBA**
Metal ring no1704022.
Paired with XAX
Ringed as an adult at High Kelling 16/1/18.
Movements Blakeney Freshes 16/1/18.

Grey neck collar with code **XBB**
Metal ring no170402?.
Ringed at High Kelling 16/1/18.
Movements Sherbourne (Norfolk) 5/1/20.

Grey neck collar with code **XBC**
Metal ring no1704023.
Ringed as a juvenile at High Kelling 16/1/18.
Movements Morston Chase 27/1/18, Cley Marshes 1/2/18.

Grey neck collar with code **XBD**
Metal ring no1704026.
Ringed as a juvenile at High Kelling 16/1/18.
Movements Weybourne 19/1/18, Cley Marshes 1/2/18 and 6+15/12/19.

Grey neck collar with code **XBL**
Metal ring no.
Ringed as a juvenile at High Kelling /1/18.
Movements Shot at Morpeth (Northumberland) 20/10/18.

Grey neck collar with code **XBS**
Metal ring no.
Ringed as a juvenile at High Kelling /1/18.
Movements Shot in Iceland 28/9/18.

Grey neck collar with code **XBU**
Metal ring no.
Ringed as a juvenile at High Kelling /1/18.
Movements Shot in Iceland 29/9/18.

Grey neck collar with code **XBV**
Metal ring no1704036.
Ringed as a juvenile at High Kelling 18/1/18.
Movements Weybourne 19/1/18, N of Langham 25/1/18, Morston Chase 27/1/18.

Grey neck collar with code **XCC**
Metal ring no1704044.
Appears to be the partner of **XCL**
Ringed as an adult at High Kelling 18/1/18.
Movements E of Saxlingham (Norfolk) 3+5/1/19, Thornage 12/1/19, Cley Marshes 14/1/19, E of Saxlingham 15/1/19, E of Cley 24-31/1/19, Langham 2-10/2/19, Blakeney Freshes 11/2/19 and 29-31/12/20.

Grey neck collar with code **XCF**
Metal ring no1704047.
Ringed at High Kelling 18/1/18.
Movements Blakeney Freshes 7/2/18.

Grey neck collar with code **XCL**
Metal ring no1704053.
Appears to be the partner of **XCC**.
Ringed as a at High Kelling 18/1/18.
Movements E of Saxlingham (Norfolk) 3+5/1/19, Thornage 12/1/19, Cley Marshes 14/1/19, E of Saxlingham 15/1/19, E of Cley 24-31/1/19, Langham 2-10/2/19 and Blakeney Freshes 11/2/19 and 29-31/12/20.

Grey neck collar with code **XCS**
Metal ring no1704054.
Ringed as a juvenile at High Kelling 18/1/18.
Movements ENE of Langham 27/1/18, Blakeney Freshes 30/1/18.

Grey neck collar with code **XCV**
Metal ring no1704058.
Ringed as a juvenile at High Kelling 18/1/18.
Movements Weybourne 19/1/18, Blakeney Freshes 30/1/18.

Grey neck collar with code **XDL**
Metal ring no.
Mate of Tag no
Ringed as a .
Movements Langham 2/2/19.

Grey neck collar with code **XUP**
Metal ring no.
Ringed as a .
Movements E of Langham 22/12/20.

White neck collar with code **CE9**
Metal ring no NOS-2004762.
Ringed 29/4/16 as an adult female at Ekne, Levanger, N Trondelag, Norway (63 42N 11 03E).
Movements W Straumen (N Trondelag, Norway 63 52N 11 17E paired with white CH7) 12/5/16, Hunstrup (Viborg, Denmark 57 02N 08 48E) 13/10/16, Smallebrugge/Osingahuizen/Alde Skatting (Friesland, Netherlands 52 59N 05 38E with mate

and two young) 29/10/16 to 12/12/16, Houtave (W Vlaanderen, Belgium 51 14N 03 07E) 23/12/16, Cley 12-13/1/17 (seemed unpaired without youngsters), Marshside (Lancs) 24/3/16 and 09/4/17. Then appears to have left the Icelandic breeding birds and found her way back to her Spitzbergen breeding grounds, being seen reunited with her partner CH7 at Skagen (Nordland, N Norway 68 35N 15 04E) 17/5/17 then at Sint Nicolaasga (Friesland, Netherlands 52 55N 05 43E) 1-3/11/17.

White neck collar with black code **U62** (U across the neck, 62 beside this and rotated through 90 degrees so read up the neck)
Left leg: metal ring no. 2K2737 Copenhagen.
Ringed 5/3/14 as a second calendar year at Lund Fjord (Viborg, Denmark 57 05N 09 01E)
Movements Ringkøbing (Denmark 56 04N 08 18E) 25/3/14, Velling Mærsk (Denmark 56 01N 08 20E) 25/3/14, Ulvedybet (Nordjylland Denmark 57 06N 09 42E) 9/4/14+4/5/14, Kærup (Vejlerne, Viborg, Denmark 57 05N 09 02E) 9/1/15, Lund (Vejlerne Viborg, Denmark 57 07N 09 01E) 30/1/15, Løgstør (Nordjylland, Denmark 56 58N 09 23E) 3/3/15, Vegger, (Nordjylland, Denmark 56 54N 09 34E) 21/3/15, Korsavegen (Nord-Trondelag Norway 63 57N 11 23E) 22/4/15, Kettrup (Nordjylland Denmark 57 04N 09 15E) 27/9/15, Bygholmengen (Vejlerne Viborg, Denmark 57 02N 09 07E) 28/9/15, Fjerritslev (Nordjylland, Denmark 57 05N 09 15) 28/9/15, Nr. Nebel (Ribe, Denmark 55 46N 08 20E) 11/10/15, Lunde (Ribe, Denmark 55 46N 08 21E) 12/10/15, Højmark (Ringkobing, Denmark 56 05N 08 22E) 15/10/15, No (Ringkobing, Denmark 56 06N 08 20E) 16/10/15, Velling Mærsk 22/11/15, Hemdrup (Nordjylland, Denmark 56 58N 09 23E) 3/3/16, Brøndum (Nordjylland, Denmark 56 58N 09 22E) 8/3/16, Ulvedybet 21/3/16, Verdal (Nord-Trondelag, Norway 63 48N 11 28E) 10/4/16, Mære (Nord-Trondelag, Norway 63 56N 11 21E) 19/4/16, Egge (Nord-Trondelag, Norway 64 02N 11 26E) 4/10/16, Nørrekær Enge (Nordjylland Denmark 56 59N 09 21E) 10/3/17, Vellamelen (Nord-Trondelag, Norway 64 07N 11 22E) 18/4/17, Haukenes (Nordland, Norway 68 37N 15 08E) 11/5/17, Fjerritslev 6+7+17/10/17, Varde (Ribe, Denmark 55 42N 08 30E) 30/10/17-1/11/17, Aggersund (Nordjylland, Denmark 57 01N 09 18E) 27/2/18, Thy (Viborg, Denmark 56 51N 08 23E) 6/3/18, Kroksvågen (Nord-Trondelag, Norway 63 58N 11 23E) 27/4/18, Våsetbukta (Nord-Trondelag, Norway 63 55N 11 22E) 30/4/18, Mære 4/5/18, Fjerritslev 1+3+4/10/18, Manstrup-Øslev (Nordjylland, Denmark 57 02N 09 17E) 12/10/18, Farsø (Nordjylland, Denmark 56 47N 09 23E) 30/10/18, Catfield (Norfolk) 10/12/18, Waxham (Norfolk)14/12/18, Walcott Green (Norfolk) 16/12/18, Docking (Norfolk) 24/12/18, Binham (Norfolk) 28/12/18, Saxlingham (Norfolk) 3/1/19, Langham 2/2/19, East of Skogn (Levanger, Nord-Trondelag Norway 63 42N11 13E) 29/9/19, Northwest-Nesset (Levanger, Nord-Trondelag, Norway 63 45N 11 14E) 6/10/19, Eidesøra (Nord-Trondelag, Norway 63 44N 11 15E) 9/10/19, Håa (Nesset, Levanger, Nord-Trondelag Norway 63 44N 11 15E) 13/10/19, Biersted (Nordjylland, Denmark 57 10N 09 50E) 30/10/19, Tylstrup Enge (Store Vildmose, Nordjylland Denmark 57 13N 09 54E) 8/11/19, Gerå (Vendsyssel, Nordjylland, Denmark 57 07N 10 21E) 13/11/19, Fjerritslev (Nordjylland, Denmark 57 05N 09 15E) 15+17/2/20, Tranum Enge (Hanherred, Nordjylland, Denmark 57 08N 09 34E) 19/2/20, Ulvedybet (Nordjylland, Denmark 57 06N 09 42E) 4/3/20, Arentsminde (Nordjylland, Denmark 57 08N 09 37E) 12/3/20, Moe (Levanger, Nord-Trondelag, Norway 63 44N 11 17E) 13/4/20 and Frøsetvågen (Nord-Trondelag, Norway 63 59N 11 25E) 22+28/4/20.

White neck collar with black code **V15** (V above, 15 below and rotated through 90 degrees)
Left leg: metal ring no. NOS-2004381.
Ringed 6/5/15 as a second calendar year at Skogn (N Trondelag, Norway 63 41N 11 09E)

Movements Ekne (N Trondelag, Norway 63 42N 11 03E) 9+12/5/15, Udale Bay (Highland) 14+17/10/16, Golspie (Sutherland) 9/2/17, Burnham Deepdale (Norfolk) 13/10/17, Burnham Market (Norfolk) 25/10/17, between Salthouse and Kelling 5-6/11/17 (paired and with two youngsters), Saxlingham (Norfolk) 31/12/17, Cley Marshes then Blakeney Freshes 5/1/18 and Titchwell 12/1/18.

Left leg: ***white*** leg ring with code **LJD**
Ringed as an unsexed adult at Balmedie (Aberdeens) 26/10/03.
Movements Langham/Morston 28/12/06.

Right leg: ***white*** leg ring with code **PYC.**
Ringed as an adult female Arness (C Iceland) 30/7/99.
Movements Langham 3/1/04.

Birds with Trackers
For Pinkfeet this is a joint WWT/Icelandic project investigating their migration routes to their wintering grounds and the relationship between their feeding areas and roosting sites there. Summaries of the information collected by geese fitted with trackers by species, season that they were caught and finally by month can now be found at

https://sites.google.com/view/telemetry/home

Tracker-Birds seen in the Square

Tag no 12
On maps chocolate brown symbols/lines and code PIF12.
Pale grey neck collar with large ***white*** number ***12*** and **black** rectangular GPS tracker attached.
Left leg: Metal ring 1302450.
Right leg: ***White*** ring with black code **44**.
Ringed 26/1/17 as a juvenile female near Annan (Dumfries & Galloway).
Movements She remained in the area E of Annan during January, moved NE to Forfar 16/2/17 then to the area north of Montrose. On 5/3/17 she moved S to Dundee then back N to Kirriemuir (Angus). She left Scotland on 16/4/17 and arrived in S Iceland the following day. Stayed in her arrival area E of Aftane airport the rest of that month but moved NE to E Iceland in June and spent the rest of the summer there. She headed back S for the winter 3/10/17 and arrived in NW Scotland on 5/10/17. She stayed E of Inverness then E of Forres before heading S from Aberdeenshire 26/10/17 to Norfolk where she fed in the area between Holkham and Holt up to the start of December. She roosted at Cley on the evenings of 26/10/17- 1/11/17, 24-28/11/17 and 30/11/17. She roosted NW of Stiffkey on 1/12/17, was in the Broads from 2/12/17 then returned to West Norfolk on 12/12/17. She left Norfolk on 6/1/18 flying up to Lancashire and feeding in the area between Blackpool and Lancaster. On 18/2/18 she flew north to the area immediately north of Dumfries. She moved up into NE Scotland on 9/3/18 to the area south of Ellon. On 19/3/18 she headed back south to feed in the area between Montrose Basin and Stonehaven. She started her migration to the breeding grounds on 15/4/18 pausing briefly during the evening in the Findhorn Estuary and reaching Iceland at 17-00 the following day. She stayed in the area between the south coast and the huge lake Vatnajokull until 29/4/18 then moved to an area NE of the lake where she spent the entire summer. She left in the morning of 22/9/18 flying directly to the south side of the Solway Firth arriving there by 09-00 the following morning. She left the Solway on 24/1/19

and headed south to N Lancashire. She was still in the area to the east of Fleetwood on 28/2/19. In March she flew north to Aberdeenshire. She flew directly from the area south of Ellon to the east side of Vatnajokull in Iceland on 9/4/19 and remained there for the rest of the month.

Tag no 13
On maps blue symbols/lines.
Metal ring GBT 132124
Bird fitted with **GPS transmitter no 13** in a neck collar and given name **Hörður**.
Ringed as a moulting adult male at Halson Lake, Iceland 17/7/13.
Movements flew S to farmland in S Iceland 17/9/13, flew south 22/9/13 rested on the sea and arrived on the island of Lewis 24/9/13, Carsebreck Loch (Perths) 25/9/13, West Water Reservoir (Lothian) 26/9/13, Fala Flow (Borders) 30/9/13, Colchingham Moor (Borders) 1/10/13, Lindisfarne (Northumberland) 6/10/13 and finally arrived in Norfolk at Breydon Water 10/10/13. Seen feeding just outside the Square at Field Dalling on 7/12/13. The tracker plots showed that it had also been feeding inside the Square at Langham just before this sighting. Left Norfolk 20/2/14 arriving at Montrose basin in the evening. Forfar (Angus) 21-25/4/14 then flew N to the Orkney Islands. Harray (Mainland, Orkney) 25/2/14-14/4/14. He left Orkney at 19-30 and arrived the following day at 13-00 in E Iceland. He headed W to the S lowlands 18/4/14. He flew E towards his breeding grounds 2/5/14 but delayed due to snow. Arrived at his breeding grounds near Halston Lake 8/5/14. His breeding attempt appeared to fail. His moult migration took him to NE Greenland with him beginning his journey back S on 27/8/14. He arrived in NW Iceland on 5/9/14. The battery probably then expired as contact with him was finally lost on 16/9/14.

Tag no 47
Brown neck collar with large ***white*** number ***47*** and **black** rectangular GPS tracker attached.
Left leg: Metal ring ISR 137094.
Right leg: ***White*** ring with black code **67**.
Ringed 26/7/17 at Klapparlaekur, Haals, Vesturoeraefi, E Iceland as an adult female.
Movements Remained in the area where it was ringed to 2/10/17 then flew SE arriving in N Scotland in the early hours of the following morning. Headed S down the E coast of Northumberland and was already in the Holkham area 5/10/17. Was at Eccles 9/10/17 then spent the rest of the month in the Broads. Was E of Lowestoft 1/11/17 before heading back N to the Cley area 7/11/17, roosting on Cley or Pope's Marsh and being seen at Cley on the 8th + 11th. Returned back S to the Broads 16/11/17. Flew from Norfolk to the south side of the Humber Estuary 9/12/17 then further on to just north of Thirsk 23/12/17. The following day she arrived NE of Ashington (Northumberland) and spent Xmas there. The tracker appears to have stopped working shortly afterwards.

Tag no 58
Brown neck collar with large ***white*** number ***58*** and **black** rectangular GPS tracker attached.
Metal ring no ISR137042.
Ringed as an adult female at Lindalækur, Háls, Vesturöræfi, Iceland 25/7/17.
Movements Lytham Moss (Lancs) 29/10/17 and Cley Marshes 21/10/18.

Tag no 65
Brown neck collar with large ***white*** number ***65*** and **black** rectangular GPS tracker attached.
Metal ring no .
Right leg: ***White*** ring with black code .

Ringed as an .
Movements Blakeney Freshes 26/10/21

Tag no 14999
Neck collar with tracker attached.
Left leg: **Orange** ring with black code **CAB**.
Right leg: Metal ring no1704010.
Mate of **Grey** neck collar with code **XAC**
Ringed as an adult at High Kelling 16/1/18.
Movements Seen at Cley Marshes with its mate and two juveniles 12/10/18 to 5/11/18, in fields at Weybourne 21/10/18 and inland of Cley 31/10/18.
Mark Golley received the following information from the leader Matt Stone <J.M.Stone@hull.ac.uk> of the team from Hull University that fitted this bird with its tracker.
"This was one of the larger birds within the catch, caught on the first catch on the 16th January (the other catch being the 18th, and both at High Kelling near the rugby club), weighing 2.65kg. The bird departed from the catch location two days after tagging. It headed towards the Wash Estuary where it spent the next 21 days foraging on coast fields and inland fields to the west and south of the Wash with some use of the intertidal area of the estuary, presumably for roosting at night. On the 7th February, the bird made a cross-country flight to the West Coast of the UK. The bird then headed northward making a series of short stop-overs (i.e. few days) on the West Coast (Ribble Estuary) and in an inland location in Dumfries and Galloway. On the 16th February, the bird arrived in the Midlothian where it spent the rest of the winter. During that time, home range appeared to be small with a reliance on very few fields for either foraging or roosting. On the 15th April, the bird made a seemingly non-stop flight to Iceland".

Tag no
Neck collar with tracker attached.
Left leg: **Orange** ring with black code **CAL**.
Right leg: Metal ring no.
Mate of **Grey** neck collar with code **XDL**
Ringed as an at.
Movements Langham 2/2/19.

Other Tracker-birds that have visited the Square

Tag 16 ringed in Britain in winter 2016-17 had been feeding in West Norfolk but took a day trip south to the Broads then roosted at Cley on the way back on the evening of 2/12/17.
Tag 34 that was ringed in Iceland in July 2017 will have flown over Cley on 12+13/12/17 as the bird was feeding near Weybourne and roosting north of Stiffkey.

Greylag Goose: nominate form *anser*

Three birds from a feral colony in Netherlands fitted with neck-collars ventured across the North Sea in the cold winter of 2010 and then stayed breeding successfully in 2011. One was subsequently shot. An individual with a coded plastic leg ring, ringed on the Orkney Islands also visited Cley that winter but soon moved on. The other ringed bird seen was fitted with a neck-collar and had been ringed in the Broads.

Green neck collar with code **SXA.**
Metal ring no. NLA 8051455

Marked Reeuwijkse Plassen, Netherlands (52 03N 04 46E) as an unaged female 22/6/09.
Movements: from a feral population and seen at Reeuwijk to 28/07/09 then Waverveen, Utrecht (52 14N 04 54E) 15+29/11/09. She then crossed the North Sea due to the cold winter and was seen at Stiffkey Fen 31/1/10-21/11/10, Blakeney Freshes 25/1/11+16/2/11, Cley Marshes 19/7/11 (when she was paired with an unringed male and had 5 fledged youngsters) to 19/10/11, seen there again 24/12/11, at Salthouse Marshes 23/7/12 and Cley Marshes again 28/7/12-24/10/12.
Distance: 272km WNW.

Green neck collar with code **Y36.**
Reported on the Birdforum "Norfolk Birding" website as being seen at Cley Marshes in the first week of June 2010.
Ringed presumably came from the same population as the other two green-collared birds.

Green neck collar with code **Y64.**
Metal ring no. NLA 8051479.
Marked Reeuwijkse Plassen, Netherlands (52 03N 04 46E) as an adult male 22/6/09.
Movements: from a feral population and seen regularly in the Netherlands until 16/2/10 but then crossed the North Sea due to the cold winter. The scheme coordinator said it was the third of his birds to cross to England that winter. Seen at Cley Marshes 11/3/10-2/6/10 paired with an unringed female but did not attempt to nest. Then seen at Stiffkey Fen 21/11/10 before returning to Cley Marshes 1/1/11 and commuting as far south as Bayfield Lake during the winter. Bred successfully at Cley Marshes being first seen with its mate and their eight goslings on 8/5/11. All eight goslings were seen to have fledged on 18/7/11. Seen at Cley Marshes to 5/11/11 then at Bayfield Lake 1/1/12.
Recovered Shot on 3/1/12 just south of Cley Marshes.
Distance: 271km WNW.

Orange neck collar with code **FFL**
Metal ring no. 5270507
A female.
Ringed as an adult at Hickling Broad (Norfolk) 26/6/12.
Movements Cley and Salthouse Marshes 16/11/12-9/12/12, 8-27/3/13, 8-22/5/13 and 20-24/10/13, Bayfield Lake 3-11/1/14, Stiffkey Fen 13/1/14, Cley Marshes 9-26/3/14.

Left leg: ***white*** leg ring with code **4NI**
Right leg: BM metal ring.
Ringed 13/7/08 as a pullus at Loch of Hundland, Birsay, Orkney.
Movements Cley Marshes 19-25/3/10.

Greylag Goose: eastern form *rubrirostris*

One really curious sighting of a Greylag from a feral colony in Belgium fitted with a neck-collar that showed the characters of this subspecies.

Green neck collar with code **X37.**
Marked Damme, Belgium (51.15N 03.16E) adult male 1/6/2000. One of 80 birds from a feral population of Greylags trapped in the coastal area of Flanders 6/2000 and 6/2001.
Movements: seen regularly in Belgium (Zeebrugge/Damme) until early May 2002. Then seen 16/6/2002 at Udale Bay, Scotland and 3-7/9/02 at Cley Marshes when presumed to be on its

way back home. Only seven more sightings are currently on the Tracking Marked Geese database at Damme on 31/1/09, 8/2/09 and 13/2/10, at Knokke (Belgium 51 22N 03 21E) on 25/8/10 + 29/1/11, at Sophiapolder, Oostburg (Netherlands 51 18N 03 48E) on 26/8/11 and at Damme again 29/12/11. The ringing details are also not on the database so old data have not yet been transferred to it. It is understood that the bird was apparently seen at Flitcham in September 2009 and then at Stiffkey Fen so it appears it has made at least one more trip across the North Sea.
The Flanders population are described as "of mixed origins". Further investigation (Richard Millington in 2002) revealed the following. Six individuals of the form *rubrirostris* were released at Het Zwin (West-Vlaanderen, Belgium) way back in 1956. In later years, birds of nominate taxon *anser* were released in this area and individuals showing *rubrirostris* features have become very rare since. Less than 1% of the Het Zwin birds still show *rubrirostris* features. Such individuals from this hybrid population should no longer be regarded as full *rubrirostris*. True wild *rubrirostris* does, however, occur in Belgium. It is feasible that such a bird could join up with the Het Zwin population.

Barnacle Goose

Over 500 were ringed in Norfolk during July 2021. All have
Left leg: **Blue** ring with ***white*** 3 letter/number code.
Right leg: plain colour ring that is specific to the ringing site above the BTO metal ring.
431 birds were ringed at Holkham and have a ***white*** colour ring.
104 birds were ringed at Pensthorpe and have a ***yellow*** colour ring.

Further details can be found at http://waterbirdcolourmarking.org and sightings of these birds can be reported on that website.

There are records of the feral birds ringed in Norfolk and one surprising record of a Dutch feral bird fitted with colour leg-rings.

Left leg: **Blue** ring with ***white*** code **D04**.
Right leg: ***white*** ring (discoloured Yellow) over metal ring.
Seen Salthouse Marshes W then Cley Marshes E 1/11/21.
Ringed at Holkham (Norfolk) 14/7/21 as a male in at least it's second calendar year.

Left leg: **Blue** ring with ***white*** code **K02**.
Right leg: ***White*** ring (discoloured yellow) over metal ring.
Ringed as an adult at Holkham (Norfolk) 14/7/21.
Movements Cley Marshes 25/9/21, S of Cley 14/10/21 and Cley Marshes 20/11/21**.**

Code on Blue ring only partially read
Left leg: **Blue** ring with ***white*** code **?04** (letter at start of code not seen).
Right leg: ***white*** ring over metal ring.
Seen S of Cley 14/10/21**.**
Ringed at Holkham (Norfolk) 14/7/21.

Left leg: **lime** ring with code **8**.
Right leg: **yellow** ring with code **7**.
Metal ring no. 7105287
Ringed as an adult female 11/7/04 at Hellegatsplaten, Netherlands (51 40N 04 21 E).

Movements Regularly seen (but no observations in April, May or August) in the Hellegatsplaten area (where a large colony of feral Barnacles have bred since 1991) to 30/10/11. Then seen at Blakeney Fresh Marshes 16/11/11 at a time when many wild Barnacle, White-fronted and Tundra Bean Geese moved across the North Sea to East Anglia.

Code/combination incomplete

Left leg: **orange** ring with 3 digit black code that couldn't be read.
Dates: Cley Marshes 15/7/15 (seen flying low east with its unringed partner towards Weybourne).

Brent Goose: pale-bellied form *hrota*

Just two records of birds ringed in Denmark. The second an interesting one as the bird had been fitted with a radio-transmitter.

Left leg: ***white*** ring with black code **F**.
Right leg: **yellow** ring with black code **B**.
Ringed at Nibe-Gjoel Bredninger, the Limfjord, N Denmark (57 01N 09 31E) as a second calendar year female on 24/4/01.
Movements Agervejle, Ageroe, Limfjord, N Denmark (56 44N 08 35E) 22-23/5/02, Hals, E Limfjord, N Denmark (56 59N 10 18E) 27/1/07+5/2/09, Asaa, N Jutland, N Denmark (57 09N 10 26E) 25/9/09 and Cley Marshes 10/2/11.

Code/combination incomplete

Left leg: ***white*** ring with black code **00.**
Dates: Cley Marshes 8/12/02
Ringed in Denmark 5/2001 and apparently one of 3 fitted with a radio-transmitter which then failed. It should also have had a yellow ring marked N (=Bart), O (=Maarten) or S (=Jan Ove) but this had been lost (presumed to be due to cracking after use of alcohol to clean the leg during the taking of blood samples). It, therefore, could not be individually identified.

Brent Goose: dark-bellied form *bernicla*

17 individuals fitted with coded coloured leg-rings have been found among the wintering flocks and their origins traced. Seven had been ringed on the Taimyr Peninsula, Northern Siberia (on their post breeding moulting grounds), one in Germany and six in the Netherlands (on passage), two at Salthouse and one in Hampshire (wintering). One of them has travelled as far south as the Baie de Bourgneuf in France and one the island of Jersey. One of two first winters colour-ringed at Salthouse in February 1974 was last seen at Cley Marshes 26 years later. Both these local-ringed birds were seen in the Netherlands. There are also four old recoveries of birds with standard metal rings from Denmark, Germany, The Netherlands and Siberia.

Left leg: **blue** ring with yellow code **K**.
Right leg: **blue** ring with yellow code **Y**.
Ringed 30/7/08 as an adult male at Middle Beacon Island, Pyasina delta, Taimyr, Siberia (74 05N 86 24E).

Movements Brancaster (Norfolk) 18/2/09, Morston 18/1/12-24/2/12, Cley Marshes 24-26/2/12 and Morston 8/4/13 + 17/3/14.

Left leg: **blue** ring with yellow code **8**.
Right leg: **blue** ring with yellow code **A**.
Ringed 29/7/08 as an adult male at Middle Beacon Island, Pyasina delta, Taimyr, Siberia (74 05N 86 25E).
Movements Cley Marshes 16/12/08, 4/2/09 and 11/3/09.

Left leg: **blue** ring with white code **P**.
Right leg: **yellow** ring with black code **Y**.
Ringed 16/5/86 at Nordstrand-Nord (Schleswig-Holstein, Germany 54 31N 08 52E) as an unaged male.
Movements Cley Marshes 3/1/95, Blakeney 30/11/95, Cley Marshes 11/1/96 and Leyhucht, Niedersachsen (Germany 53.31N 07 05E)

Left leg: **green** ring with code **A.**
Right leg: **yellow** ring with code **3**.
Ringed 23/5/00 on the island of Schiermonnikoog, Netherlands (53 29N 06 12E).
Movements Upper Crouch (Essex) 16/11/00, Baie de Bourgneuf (France 46 57N 02 03E) 23/2/03, Texel (Netherlands 53 03N 04 52E) 18/3/03, Wieringen (Netherlands 52 53N 04 55E) 21/3/03-7/5/03, Cley Marshes 14+15/11/03, Wieringen (Netherlands 52 53N 04 55E) 23/3/04-16/5/04.

Left leg: **green** ring with white code **J**.
Right leg: **green** ring with white code **6**.
Ringed 4/8/93 Pyasina Delta, Taimyr, N Siberia (74 07N 86 52E) as a moulting adult male.
Movements Blakeney Freshmarsh 13/2/94, Cley Marshes 30/11/94, 8/1/95, 11/1/96 and 6/2/97, Salthouse 17/12/98 and 1/2/00, Cley Marshes 15/11/03 and 26/12/03, Vlieland (Netherlands 53 17N 05 03E) 13+14/11/04, Cley Marshes 10-23/1/05.

Left leg: **green** ring with code **U.**
Right leg: **yellow** ring with code **N**.
Ringed 17/3/05 as a female at Westerlanderkoog, Wieringen (Netherlands 52 53N 04 56E)
Movements Wieringen to 6/5/05 and 30/12/05-7/4/06, Hollummermiede (south of the island of Ameland, Netherlands 53 25N 05 45E) 11/5/06, Wieringen 2/11/06-26/3/07, 12/12/07-2/5/08, 29/10/08-17/4/09, 1/1/10-13/3/10, 24/12/10-1/4/11 and 3/11/11-29/1/12 before coming across the North Sea to escape icy conditions and being seen at Cley Marshes 12/2/12.

Left leg: **lime** ring with black code **C**.
Right leg: **blue** ring with gold code **7**.
Ringed 17/5/06 as a second calendar female on the island of Terschelling (Netherlands 53 23N 05 18E).
Movements Salthouse 7/2/07, Cley Marshes 23/2/07, Terschelling 12/3/07-9/5/07, Salthouse 4/12/07, Cley Marshes 14/1/08 to 7/2/08, 21/1/09 to 20/3/09 and 22/1/10-19/4/10.

Left leg: **lime** ring with black code **N**.
Right leg: **blue** ring with gold code **P**.

Ringed 7/8/05 Lake Lidia, Pyasina Delta, Taimyr, N Siberia (74 07N 86 53E) as an adult male.
Movements Greetsiel and Aurich areas, NW Germany (53 30N 07 07E) 9+15/4/06, 8/2/07-13/4/07 and 24/3/08, Cley Marshes 26/3/10 and Greetsiel again 8/4/10.

Left leg: **lime** ring with black code **3**.
Right leg: **green** ring with ***white*** code **D**.
Metal ring no.6181795
Ringed 14/5/19 as an adult male on the island of Terschelling (Netherlands 53 22N 05 16E).
Paired with
Left leg: **lime** ring with black code **4**.
Right leg: **green** ring with ***white*** code **J**.
Movements Seen again on Terschelling 17/5/19. Probably present at Cley Marshes 14/12/19 and 24/1/20 but codes could not be made out, codes read there on 15/2/20 then at Salthouse Marshes 17/2/20. Seen at Terschelling 16+19/3/20, Texel (Noord-Holland, Netherlands) 2/4/20 and then at Stavstensudden (Trelleborg, Malmohus, Sweden 55 22N 13 05E) 25/11/20. Seen back again at Cley Marshes 4/12/20 then at Salthouse 8/12/20, S of Cley 17/12/20(with a brood of one), Cley Marshes 12/1/21, 23-24/2/21 (codes could not be read on the first date). Seen again in the Netherlands at Texel 30/3/21 then at Terschelling 10/4/21 – 15/5/21. Seen 21/11/21 at Cley Marshes, S of Walsey Hills 25/11/21 and Cley Marshes 21/12/21.

Left leg: **lime** ring with black code **4**.
Right leg: **green** ring with ***white*** code **J**.
Metal ring no.6184219.
Ringed 14/5/19 as an adult female on the island of Terschelling (Netherlands 53 22N 05 16E).
Paired with
Left leg: **lime** ring with black code **3**.
Right leg: **green** ring with ***white*** code **D**.
Movements Seen again on Terschelling 17/5/19. Probably present at Cley Marshes 14/12/19 and 24/1/20 but codes could not be made out, codes read there on 15/2/20 then at Salthouse Marshes 17/2/20. Seen at Terschelling 16+19/3/20, Texel (Noord-Holland, Netherlands) 2/4/20 and then at Stavstensudden (Trelleborg, Malmohus, Sweden 55 22N 13 05E) 25/11/20. Seen back again at Cley Marshes 4/12/20 then at Salthouse 8/12/20, S of Cley 17/12/20(with a brood of one), Cley Marshes 12/1/21 and probably again 23/2/21 but codes could not be read. Seen again in the Netherlands at Texel 30/3/21 then at Terschelling 10/4/21 – 15/5/21. Seen 21/11/21 at Cley Marshes, S of Walsey Hills 25/11/21 and Cley Marshes 21/12/21.

Left leg: **lime** ring with black code **5**.
Right leg: **blue** ring with gold code **R**.
Ringed 31/7/06 Middle Beacon Island, Pyasina Delta, Taimyr, N Siberia (74 05N 86 24E) as an adult male.
Movements Seen again on Middle Beacon Island 3/8/06 then Cley Marshes 17/2/10+23/3/10, Morston 13/1/12-9/2/12, Cley Marshes 24/1/13, Morston 11/2/13 and Rømø (Sonderjylland, Denmark 55 10N 08 30E) 19/5/14.

Left leg: **orange** ring with black code **H**.

Right leg: **red** ring with white code **Y** (this ring missing from 1/2/10 and no metal ring).
Ringed at Big Bird Island, Lidia Bay, Taimyr, Siberia (74 07N 86 37E) as adult male 9/8/95.
Movements Grouville, Jersey (49 10N 02 02W) 30/10/96, the island of Sylt (Germany 55 02N 08 25E) 24/3/97, Margrethe-Koog (Jutland, Denmark 54 55N 08 38E) 7/4/97, Sylt 1/4/99-15/5/99, 2/5/00 and 14/5/01, Cley Marshes 23/11/02, 14/2/03, 12/1/04 and 5/2/04, Sylt 15+19/4/04, Cley and Salthouse Marshes 14/1/05 to 17/3/05, 12 to 24/3/06, 12/1/07 to 2/3/07, 17/12/07 to 28/2/08 and 3/12/08 to 22/2/09, Nordsylt (Germany 55 02N 08 26E) 10/4/09, Cley Marshes 1-24/2/10, 9+20/1/11, 16/1/12+2/2/11 and 14/1/13.

Left leg: **red** ring with white code **1**.
Right leg: **green** ring with yellow code **D**.
Ringed 1/12/99 at Farlington Marshes (Hants) as an adult male.
Movements Langstone Harbour 1/12/99 to 16/3/00, Leigh Marsh (Essex) 25/10/00, Langstone Harbour 9/11/00 to 29/3/01, Portsmouth 20/11/01, Cley Marshes 21/2/02, Terschelling (Netherlands 53 22N 05 17E) 5/3/02 and Cley Marshes 13/3/03.

Left leg: **red** ring with white code **9**.
Right leg: **green** ring with white code **2**.
Ringed at Lidia Bay, Taimyr, Siberia (74 07N 86 52E) as an unaged male 7/8/91.
Movements Cley Marshes 3/1/95 and 5/2/97, Blakeney Freshmarsh 31/12/97 and 7/1/98, Exe Estuary (Devon) 11/3/00.

Left leg: ***white*** ring (no code).
Right leg: ***white*** ring with black code **A**.
Ringed at Salthouse 26/2/74 as a second calendar year female.
Movements Cley Marshes 6/12/94, 23/2/95, 1/3/98, Schiermonnikoog (Netherlands 53 29N 06 11E) 8/11/96, Cley Marshes 13-26/1/97 and 17/1/98, Wells-next-the-Sea (Norfolk) 31/1/99, Cley Marshes 20/1/00 and Salthouse 28/1/00.

Left leg: ***white*** ring with code **Y**.
Right leg: **red** ring (no code).
Ringed at Salthouse 26/2/74 as a second calendar year male.
Movements Cley Marshes 3/1/95 and 30/3/95, Terschellinger (Netherlands) 11-18/4/95 and Hallig, Langeness-Ost (Schleswig-Holstein (Germany) 21/4/95.

Left leg: ***white*** ring with **narrow black band**.
Right leg: **red** ring with code **K**.
Ringed 16/5/89 as a second calendar year male on the island of Terschelling (Netherlands 53 24N 05 26E).
Movements Cley Marshes 11/1/96 and 12/3/96 then Hallig Hooge (Schleswig-Holstein, Germany 54 34N 08 32E) 5-7/5/96.

Metal ring 3101344 (DDH)
Ringed 16/7/89 as an adult female on the Taimyr Peninsula (Siberia 76 10N 99 49E).
Recovered 27/6/91 on Blakeney Point (found dead).
Distance: 5080km WSW.

Metal ring 7047005 (NLA)
Ringed 29/4/83 at Beweide Kelder (Schiermonnikoog The Netherlands 53 28N 6 13E) as an adult male.

Recovered 10/2/93 at Blakeney (found freshly dead).
Distance: 352km W.

Standard metal ring
Ringed in Denmark (no further details).
Recovered on Blakeney Point in 1965 (presumably found dead).

Standard metal ring
Ringed 26/3/78 on Heligoland (Germany).
Recovered 29/1/82 on Blakeney Point (presumably found dead).

Untraced birds

Left leg: **orange** ring with code **A**.
Right leg: **green** ring with code **6**.
Seen Salthouse on 27/1/07
This combination has not been used so a code has been misread or a ring had become stained.

Left leg: **red** ring with white code that couldn't be read because the ring appeared to be damaged (code looked like an upside down triangle the full height of the ring).
Right leg: **green** ring with white code **6.**
Seen Cley Marshes 9/2/06.

Shelduck

There is one record of a colour-ringed individual originally fitted with a GPS tracker in Suffolk and five records of birds fitted with a metal ring only. A bird ringed at Salthouse was found dead in Germany and individuals ringed in Aberdeenshire, Cumbria, Cleveland and Suffolk have been recovered in the Square.

Left leg: **lime** ring with black code **S7.**
Right leg: metal ring.
Ringed on Havergate Island (Suffolk) 12/7/19 as an adult male.
This bird was caught and ringed by BTO as part of a project to assess the interactions of Shelduck with offshore wind farms during their migration to the continent for their annual moult. In order to track their migration a GPS device was attached to S7 and 3 other Shelducks. This tracking work was funded by the Department for Business, Energy and Industrial Strategy Offshore Energy Strategic Environmental Assessment programme (BEIS OESEA).
Movements S7 migrated from Havergate across the North Sea to the Dutch coast near Alkmaar and then flew north into the Dutch Wadden Sea near Zwarte Haan. He remained in this area for a week and then flew on to the Elbe Estuary in the German Wadden Sea. He continued to move around the Wadden Sea until the GPS tag detached on 14/8/19. Then seen at Cley Marshes 22/3/20.

Birds with metal ring only

Metal ring no. **GF79442**.
Ringed 27/7/03 at Orfordness as a first-calendar year.
Recovered Found dead, oiled, at Blakeney 29/12/03.

Distance: 104km NNW.

Metal ring no. **GH71659**.
Ringed 3/7/88 at Border Marsh, near Silloth (Cumbria) as a nestling.
Recovered Found injured in Blakeney Harbour 9/12/07.
Distance: 350km SE.

Metal ring no. **GM56976**.
Ringed 9/2/72 at Salthouse as a second calendar year male.
Recovered 27/9/76 long dead in Schleswig-Holstein (Germany 54 12N 09 06E).
Distance: 548km ENE.

Metal ring no. **GP44024**.
Ringed 17/3/71 on the Ythan Estuary (Aberdeens) as an adult male.
Recovered Found dead in Blakeney Harbour 17/2/80.
Distance: 518km SSE.

Metal ring
Ringed 24/12/77 at Seal Sands (Cleveland).
Recovered 25/1/85 on Blakeney Point (presumably found dead).

Untraced bird

Blue helical coil "chicken ring".
Seen Cley Marshes 27/8/13.

Wigeon

Five birds fitted with yellow coded wing-tags have been seen at Cley Marshes during spring migration. All were ringed at Dunham-on-Trent gravel pits in North Notts. One appeared to be paired with a male when first seen. She stayed well into July but without any evidence of trying to breed. A drake with coloured leg-rings was seen 1/10/04 and said by the WWT to probably have been ringed in Oxfordshire but this was never confirmed. A drake with a metal ring seen at Salthouse duck pond had been ringed in N Yorkshire and was at least 7 years old. There are two old records of birds ringed in Iceland and Finland that were recovered/shot in the Square. A really strange record was of one fitted with a black ring with a telephone number on it. The bird had been reared in captivity and then released between Bungay and Beccles only to be shot at Salthouse Marshes that autumn.

Yellow wing tags with code **BD**.
Tagged Dunham-on-Trent in North Notts (SK8174) 15/1/06 as an adult male.
Movements Cley Marshes 29/3-5/4/06.

Yellow wing tags with code **FR**.
Tagged Dunham-on-Trent in North Notts (SK8174) 17/2/2003 as a young female.
One of 15 Wigeon fitted with wing tags during the winter 2002-3.
Movements Cley Marshes 23-26/4/03.

Yellow wing tags with code **VD**.
Tagged Dunham-on-Trent in North Notts (SK8174) 19/1/2002 as an adult female.

One of 50 Wigeon fitted with wing tags during the winter 2001-2.
Movements Retrapped Dunham-on-Trent 16/2/2002 then seen Cley Marshes 5/4/02.

Yellow wing tags with code **XW**.
Tagged 16/2/2002 Dunham-on-Trent (SK8174) as an adult female.
Movements Cley Marshes 31/3/02

Yellow wing tags with code **XZ**.
Tagged 16/2/2002 at Dunham-on-Trent (SK8174) as a first winter female.
Movements seen at Cley Marshes on many dates 24/4/03 to 18/7/02. Appeared to be paired with a male when first seen. Stayed well into the summer without any evidence of trying to breed.

Small **black** plastic leg ring with orange inscription 195 tel 07752 975442 and year 07.
Ringed as a duckling, reared in captivity then released in 2007 between Bungay and Beccles.
Movements Shot at Salthouse Marshes 5/9/07 (ring obtained from P&S Butchers, Holt).

Birds with metal ring only

Metal ring no.**C187634**(SFH).
Ringed 4/6/67 at Estlotan, Sibbo (Uusimaa, Finland 60 07N 25 13E) as a fully grown female.
Recovered shot at Blakeney 23/1/69.
Distance: 1679km WSW.

Right leg: Metal ring no. **FH42410** (London).
Ringed as a male in at least its second calendar year by WWT at North Duffield, Lower Derwent Valley NNR, Selby (N Yorks) 27/11/11.
Seen Salthouse Duck Pond 16/11/16, 9/1/17 and 8+28+31/12/17.
Distance: 661km SE.

Metal ring no. **V9071** (DKV).
Ringed 2/8/36 as a nestling at Lake Myvatn (Suður-Þingeyjarsýsla, Iceland 65 39N 16 58W).
Recovered at Salthouse Marshes 27/11/36 (presumably shot).
Distance: 1736km SE.

Untraced bird

Left leg: **orange** over **green** rings
Right leg: metal ring.
A drake.
Seen Cley Marshes 1/10/04.
Said by the WWT to possibly have been ringed in Oxfords.

Gadwall

Two individuals ringed at Simbridge WWT were shot at Cley and Salthouse.

Metal ring **FR02439** (British Museum).
Ringed 24/9/80 as a first calendar year male at Slimbridge WWT (Gloucs).
Recovered Shot at Salthouse Marshes 14/10/81.

Distance: 274km ENE.

Metal ring **FV76418** (British Museum).
Ringed 21/11/79 as a first calendar year female at Slimbridge WWT (Gloucs).
Recovered Shot at Cley 7/9/83.
Distance: 273km ENE.

Teal

Sevem birds with nasal "saddles" fitted over their bills have been read. This form of marking seems unpleasant but has apparently been successfully used in North America since the 1960s. The markers are fastened to the bill by passing a nylon filament through the nostrils. Ducks have no internal nasal sept and are reported to behave naturally a few minutes after release. Two of the birds were ringed in the winter in Mid Portugal, four in France and the other in Northern Sweden in July. A drake fitted with a normal metal ring and shot by wildfowlers at Salthouse Marshes had been ringed in Murmansk Province, Russia, a distance of 2325km to the northeast. There are four other records of birds shot by wildfowlers. A drake ringed well to the west of us in Co Down, a duck ringed in Norway and another that was ringed at Hickling.

Pink nasal "saddle" on bill with code **1-** (number 1 then minus sign).
Ringed S. Jacinto Dunes Nature Reserve, Mid Portugal (40 40N 08 45W) imm female 14/2/2000.
Movements S. Jacinto to 27/2/2000 and again 18/11/2001 to 9/12/2001. Cley Marshes 6/1/03. A Teal with a pink nasal saddle had previously been seen at Cley Marshes during December 2002. The code could never be read. It was presumably the same individual.

Lime nasal "saddle" on bill with code **H** in centre and **JP** along the sides.
Metal ring no. FS90868.
Ringed 2/2/11 as a second calendar year male at La Grand'Mare, Saint-Opportune-la-Mare (near Le Havre, Normandy), France.
Movements Cley Marshes 14/12/11.

Lime nasal "saddle" on bill with code **J** in centre and **AO** along the sides.
Metal ring no. FS90563.
Ringed 6/4/11 as a second calendar year female at Novelles Possessions, Gironde Estuary (near Bordeaux), Braud-et-Saint-Louis, France.
Movements Cley Marshes 12/12/11.

Lime nasal "saddle" on bill with code **N** in centre and **2B** along the sides.
Metal ring no.FS110044.
Ringed 24/3/19 at Domaine de Beauguillot Reserve, Sainte-Marie-du-Mont, Manche, N France as a male in at least its second calendar year.
Movements Domaine de Beauguillot Reserve 7/2/20 and Blakeney Freshes 13/11/20.

Lime nasal "saddle" on bill with code **P** in centre and N**A** along the sides.
Metal ring no.FS114551.
Ringed 25/2/20 at the Reserve Naturelle du Marais d'Orx, Labenne, SW France. A female.
Movements Cley Marshes 3/9/20.

Lime nasal "saddle" on bill with code **LP**.
Ringed Umea, Northern Sweden 22/7/2003 as a male in at least its second calendar year.
Movements Cley Marshes 29/8/03 the first sighting since being ringed by a French researcher.

White (stained **yellow**) nasal "saddle" on bill with code **–1** (minus sign then number 1).
Ringed 11/2/06 at S. Jacinto Dunes Nature Reserve, Mid Portugal (40 41N 08 44W) as a second calendar year female.
Movements: remained at S. Jacinto until 12/3/06, Kelling Water Meadow 14/1/07 to 4/5/07 then again from 11/2/08 to 1/5/08 (paired with a drake both years) and finally from 27/12/08 to 13/2/09.

Code on nasal saddle not read

White nasal "saddle" on bill with code that could not be read.
Seen Cley Marshes 7/11/17.
Ringed probably in Portugal.

Birds with metal ring only

Metal leg ring with code **EL96172** (British Museum).
Ringed 20/3/10 as a second calendar year female at Hickling (Norfolk).
Recovered Shot at Salthouse Marshes c3/12/10 (ring obtained from P&S Butchers, Holt).
Distance: 42km NW.

Metal leg ring with code **EW37219** (British Museum).
Ringed 12/10/07 at Mahee Island, Strangford Lough, Co Down, Ireland (54 30N 05 38W) as a first-calendar male.
Recovered Shot at Salthouse Marshes 1/9/10 (ring obtained from P&S Butchers, Holt).
Distance: 473km ESE.

Metal leg ring with code **M491388** (Moskva).
Ringed 22/7/06 as an adult male at the Kandalakshskiy Nature Reserve, Murmansk Province, Russia (67.07N 32.19E).
Recovered Shot at Salthouse Marshes 5/9/07 (ring obtained from P&S Butchers, Holt).
Distance: 2325km SW.

Metal ring **6206549** (Stavanger).
Ringed as a female in at least her second calendar year at Krom Gård, Vestby, Akershus, S of Oslo, Norway (59°3645N, 010°4530E) on 29/4/19.
Recovered Shot at Morston c11/12/19 (ring obtained from P&S Butchers, Holt).
Distance: 953km SW.

Mallard

Just three rather uninteresting records of birds raised in captivity at Wiveton, released in June then shot nearby the following shooting season.

Metal leg ring with code **46201** (British Association for Shooting and Conservation).
A drake.

Ringed Raised from captive stock at Wiveton and released in June 2011.
Recovered Shot at Pope's Marsh, Salthouse 1/9/11 (ring obtained from P&S Butchers, Holt).

Metal leg ring with code **46211** (British Association for Shooting and Conservation).
A female.
Ringed Raised from captive stock at Wiveton and released in June 2011.
Recovered Shot by the Cley Channel 8/10/11 (ring obtained from P&S Butchers, Holt).

Metal leg ring with code **46218** (British Association for Shooting and Conservation).
A female.
Ringed Raised from captive stock at Wiveton and released in June 2011.
Recovered Shot by the Cley Channel 8/10/11 (ring obtained from P&S Butchers, Holt).

Pintail

Six records of individuals shot in the Square that had been ringed in Estonia, Denmark, France and Italy plus two from Slimbridge WWT.

Metal ring no. **EA594796** (FRP).
Ringed 17/10/05 as an adult female at la Grand'mare, Sainte-Opportune-La-Mare (Eure, France 49 25N 00 31E).
Recovered Shot at Salthouse Marshes 4/1/07.
Distance: 395km N.

Metal ring no. **FH19834** (British Museum).
Ringed 4/1/10 as a second-calendar male at Slimbridge WWT (Gloucs).
Recovered Shot at Salthouse Marshes 16/12/10 (ring obtained from P&S Butchers, Holt).
Distance: 272km ENE.

Metal ring no. **FP37494** (British Museum).
Ringed 8/1/02 as a first calendar year female at Slimbridge WWT (Gloucs).
Recovered Shot at Morston 16/11/05.
Distance: 266km ENE.

Metal ring no. **N9982** (IAB).
Ringed 27/3/97 as a fully grown female at Lodolina, Pian Di Spagna (Como, Italy 46 10N 09 02E).
Recovered Shot at Morston 16/11/05.
Distance: 964km NW.

Metal ring no. **T11567** (ETM).
Ringed 16/6/77 as a nestling at Haademeeste, Parnu (Estonia 58 06N 24 28E).
Recovered Shot at Cley 14/2/79.
Distance: 1578km WSW.

Metal ring no. **448404** (Copenhagen).
Ringed 2/10/64 as a fully grown female at Nakskov (Storstrøm, Denmark 54 49N 11 10E).
Recovered Shot at Cley 14/11/64.
Distance: 695km WSW.

Shoveler

A duckling ringed in Germany was recovered at Wiveton in 1991 and was the first from Germany to be found in the British Isles.

Metal ring Helgoland **4094794**.
A drake.
Ringed as a as a nestling at Lanker See, Schleswig-Holstein, Germany 4/7/89.
Recovered found dead on the roadside near Cley Sewage Works 26/1/91.
Distance: 628km WSW.

Pochard

Pale blue nasal "saddle" on bill with code **DN** on the sides.
Ringed in France.
A drake.
The specific individual could not be identified. It will probably have had an extra third letter written across the front of the saddle that wasn't seen. If not the 2-letter code would have been repeated there but the scheme coordinator thought that this would be less likely as that individual was ringed in 2005.
Seen Cley Marshes 11/4/14.

Scaup

A hand-fed, rescued bird released at Cley in 1954 was recovered in Russia in 1958.

Metal ring **AF5406**(London)
Ringed at Cley Marshes on 28/2/54 as a released, rescued full-grown male.
Recovered shot 25/5/58 at Ust-Tsilma, Komi, Russia (65 25N 52 10E).
Distance: 3188km ENE.

Fulmar

Metal ring no. **411523** (DFH).
Ringed 31/3/72 in the North Sea between the Shetlands and the west coast of Norway (60 28N 03 16E).
Recovered found dead at Cley 28/6/77.
Distance: 848km S.

Gannet

Three birds, from the Channel Islands, SW Scotland and E Scotland, found dead on the beach.

Left leg: ***white*** ring.
Right leg: metal ring no.**1703362**.
Ringed as a 1cy at Bass Rock, Firth of Forth (E Lothian) 6/10/18.
Found dead Blakeney Point 28/10/12.
Distance: 418km SE.

Birds with metal ring only

Metal ring no.**F5452**.
Ringed as a nestling 3/6/78 at Les Etacs, Alderney, Channel Islands (49 42N 02 15W).
Found dead near Blakeney Point 12/7/09.
Distance: 426km NNE.

Standard metal ring
Ringed as a pullus 5/7/97 at Scar Rocks (Dumfries and Galloway).
Found dead: Cley 11/8/99 entangled in discarded fishing netting.
Distance: 422km ESE (as the crow flies but not as this Gannet will have done).

Great Cormorant: coastal-breeding form *carbo*

One record of a bird from Scotland.

Left leg: **Lime** ring with black code **DXN**.
Right leg: metal ring.
Ringed 28/6/07 as a chick at Sands of Forvie (Aberdeens).
Movements: Seen as a fledged youngster sitting below the colony where it was raised 19/8/07. Cley Marshes 21-22/10/07 and probably also 14/10/07 (when only seen in flight).

Great Cormorant: continental form *sinensis*

Four individuals of this form, two from Denmark's Baltic coast and the other two from Baltic islands in Germany.

Left leg: metal ring no. UA 1529 DEH (Hiddensee).
Right leg: **Blue** ring with white code **74M**.
Ringed as a nestling 11/6/12 at Heuwiese, Rugen Island, Mecklenburg-Vorpommern, E Germany (54 26N 13 08E).
Movements: Cley Marshes 20+24/10/12.
Distance: 811km W.

Green ring on left leg with white code **4C6** (rotated 90 degrees).
Metal ring no. Copenhagen 2E1739.
Ringed as a chick (probably female) 3/6/2000 on Maageroeerne (Gull Islands) near Bogense, NW Fyn, Denmark.
Movements: Trimley St Mary (Suffolk) 8-9/4/01, Gull Islands 18+22/5/02, Cley Marshes 21/8/02, Gull Islands 27/5/03, 11/4/04, 22/4/05+14/5/05, Alton Water (Suffolk) 19/9/05, Gull Islands 11/5/06-7/6/06, Mistley (Essex) 24/9/06, Trimley St Mary 27/9/06-1/2/07, Gull Islands 31/3/07, Trimley St Mary 1/12/07-28/2/08, Gull Islands 12/4/08-8/7/08. Trimley St Mary 1/10/08-10/12/08, Gull Islands 20/4/09-10/5/09, Trimley St Mary 6/11/09-30/1/10 (also visiting Alton Water 25/11/09, Halvergate Island (Suffolk) 6+18/3/10, Gull Islands 22/4/10-22/5/10, Trimley St Mary 28/9/10-10/1/11, Gull Islands 30/4/11-29/5/11, Trimley St Mary 2-31/10/11 Gull Islands 23/4/12 and Halvergate 11/12/15.

Unspecified colour-ring, presumed a **Green** ring from the same scheme as the preceding bird.
Metal ring no. Copenhagen 2E2189.

Ringed as a nestling 30/5/00 at Yderste Holm, Stavns Fjord, near Århus, Denmark (55°54'N 10°39'E).
Movements: Cley Marshes 1/10/00
Distance: 703km WSW.

Left leg: Metal ring no. E06810.
Right leg: **yellow ring** with black code **A174**.
Ringed as a chick 2/6/15 at Wallnau Waterbird Reserve on the west coast of the Baltic island of Fehmarn, Germany (54 28N 11 02E).
Movements Remained at Wallnau in the colony to 31/7/15, then seen at Cley Marshes 18/9/15 to 5/11/15.
These were the first sightings in the UK of a bird ringed in this colony.

Great Cormorant: birds of impure/uncertain form

There are five birds that came from the tree-nesting colony at Abberton Reservoir. The birds that originally started off the colony were thought to have been of the form *sinensis* but increasing numbers that appear to be of the form *carbo* have since joined the colony. DNA analysis has confirmed the presence of *carbo* genes in the young.
More recent sightings are of a bird ringed on the Isle of Man as a chick at a gravel pit and one ringed in Nottinghamshire.

Orange ring on left leg with code **AN**.
Ringed 14/5/94 as a nestling Abberton Reservoir, Essex.
Movements: Abberton Reservoir 11/6/94, Cley Marshes 13/11/94, Holkham Hall 7/4/95, Abberton 31/3/96, Holkham Hall 20/7/96, Cley Marshes 16/9/97, 14/10/97, 16/6/98, 28/7/98, 13/10/98, 23/10/98, 28/5/99, 28/7/02, 21/8/02, 8/5/03, 1/6/03, 18/7/03, 23/8/03, 29/8/03 and 7/9/03.

Orange ring on left leg with code **J bar V**.
Ringed as a male nestling 24/5/1998 Abberton Reservoir, Essex.
Movements: Hanningfield Reservoir (Essex) 1/7/98, Weir Wood Reservoir (Sussex) 2/1/99 and Cley Marshes 29/8/03.

Orange ring on left leg with code **L bar V**.
Ringed as a nestling at Abberton Reservoir, Essex.
Dates at Cley Marshes: Cley Marshes 29+31/7/06.

Orange ring on left leg with code **T bar P**.
Ringed as a nestling 28/4/2000 Abberton Reservoir, Essex.
Movements: Cley Marshes 25/8/03, 5/9/03, 4/10/03, 20/9/04 and 5/10/04.

Orange ring on left leg with code **Z bar L**.
Ringed as a nestling Abberton Reservoir, Essex.
Movements: Cley Marshes 11/7/04.

Left leg: BTO metal ring no. 5268360.
Right leg: Tall ***White*** ring with red code **ZRH**.
Ringed 3/7/14 as a chick in the nest at Point of Ayre gravel pits Isle of Man.
Movements: Cley Marshes 9/9/14 - 5/11/14.

There have been several sightings of birds from this colony in the Midlands so it is presumed that the bird's route to Cley was overland not coastal.

Left leg: **yellow ring** with black code **CVF**.
Right leg: Metal ring no. 5268867.
Ringed 23/4/15 as a nestling at Attenborough NR (Notts).
Showed the characteristics of the form *sinensis.*
Movements: Cley Marshes 15/6/15-26/11/15 and 23/4/16-2/5/16, Bayfield Lake 30/3/17 and Cley Marshes irregularly 27/7/18-18/9/18, 15/7/19-15/8/19 then 14/7/21.
Most of the birds ringed at this site have dispersed northwards. When first seen this was their most southerly recovery.

Shag

One with a coded colour-ring was found dead on Blakeney Point. It had been ringed in Scotland on the Isle of May and a blue colour-ring found on the tideline at Cley in 2020 had almost certainly come from another Shag ringed in the Firth of Forth the previous summer.

Left leg: **red** ring with code **JFP**.
Right leg: metal ring no 1430539 (London)
Ringed in 2008 as a pullus on the Isle of May.
Movements: Resighted on the Isle of May 20/5/10, bred there in 2011 fledging two youngsters and last seen there 14/3/12 before being found freshly dead on Blakeney Point by the entrance to Pinchen's Creek 27/2/13.

Colour-ring only recovered

Blue ring with white code **WCD**.
Recovered Found on the tideline at Cley Marshes 30/3/20 and almost certainly came from the following individual
Metal ring no 1706521 (London)
Ringed in 2019 as a pullus at Inchkeith (Firth of Forth).
Movements: Scotstown (Aberdeens) 17+21/11/19.
A search by BTO revealed that this was the only UK ringed possibility on their database at the time. The ring dimensions match those used on Shags and was in very good condition. A search of the EURING website did not suggest any other likely European scheme that it could have come from.

Untraceable birds

A Shag that flew west past Kelling Hard on 24/12/11 was seen to have a white or very pale colour-ring on its left leg.
Another Shag that flew west past Kelling Hard on 20/1/17 was seen to have a **green** colour-ring on its leg.

Bittern

One record of a nestling ringed at Cley Marshes in 1950 being struck by a lorry later that year in Cheshire.

Metal ring no.**506641**.
Ringed at Cley Marshes as a nestling 16/5/50.
Found dead struck by a lorry at New House Farm, Cheshire 16/11/50.
Distance: 222km W

Little Egret

At least six colour-ringed birds have been seen. Only three birds have been traced to date. All were ringed as nestlings, two near the Wash and one in Herts. It is understood that another bird where the code on one leg-ring was badly stained and couldn't be read also probably came from a UK colony.

Left leg: **orange** ring (looked red) on tibia with black code **D**.
Right leg: **green** ring on tibia with white code **9**.
Seen Cley Marshes 11/7/10.
Ringed 31/5/10 as a nestling near Terrington St Clement (Norfolk). One of a brood of four.
***Distance*:** 53km ENE.

Left tibia: **orange** ring on tibia with black code **K**.
Right tibia: **black** ring on tibia with white code **V**.
Ringed as a pullus at Netherhall, Hoddesdon (Herts) 16/5/19.
Seen Cley Marshes 6/9/19.
Distance: 151km NNE.

Left leg: **red** ring on tibia with white code **C**.
Right leg: **yellow** ring on tibia with black code **K**.
Ring no. GR36301.
Ringed as a nestling in a brood of three at Warren Farm, North Somercotes (Lincs) 22/5/11.
Movements: Blacktoft Sands (Humber Estuary) 6/7/11, Langford Lowlands NR (Notts) 24/7/11, Collingham Pits (Notts) 26/7/11-1/8/11, Besthorpe Gravel Pits (Newark, Notts) 3/8/11, Cley Marshes 1-2/10/11 and 24-25/11/11. An individual seen in flight at Salthouse 14/9/11 had rings of the same colours.

Code/combination incomplete or misread

Left leg: **orange** ring on tibia with black code possibly **1**.
Right leg: **green** ring on tibia with white code possibly **L**.
Seen Cley Marshes and Salthouse Marshes 27/5/13.
Ringed probably as a nestling near Terrington St Clement (Norfolk).

Left leg: **red** ring (stained brown) on tibia with white code **A**.
Right leg: **yellow** ring (badly stained red and brown) on tibia with no code visible.
Seen Cley Marshes 10/7/10.
Ringed probably as a nestling in the UK.
A juvenile seen on Blakeney Freshes 30/6/10 and a bird seen on the saltmarsh by Cley West Bank 28/7/10 may also have been this individual. Both birds had red and yellow tibia rings but were seen too distantly to read the codes.

Left leg: **red** ring on tibia with code **K**.
Right leg: **green** ring on tibia with code **N**.

Seen Cley Marshes 8/7/13.
This combination does not appear to have been used.

Great White Egret

Untraced bird

White over dark (possibly dark blue) over ***white*** rings on tibia of one leg.
The bird was seen very briefly and through reed tops.
Ringed probably at Grand-Lieu Lake, Loire-Atlantique, France (47 06N 01 40W).
The scheme coordinator was extremely non-commital but his scheme appears to be the only one that could possibly fit.
Seen Cley Marshes 18/10/07.

Grey Heron

To unlucky individuals. The first was ringed at Wiveton in 1958 then shot in Northern Ireland the following year. The other, ringed in Notts, was found dead under power lines at Cley.

Metal ring **515233** (British Museum).
Ringed as a nestling 18/5/58 at Wiveton.
Recovered shot 17/1/59 at Boggle Hill, Lawrencetown (County Down, Northern Ireland 54 23N 06 18W).
Distance: 509km WNW.

Metal ring **1500472** (British Museum).
Ringed as a nestling 14/4/09 at Beesthorpe Gravel Pits (Newark, Notts).
Recovered found dead beneath power lines on SE side of Cley village by the NWT warden Bernard Bishop 1/11/15.
Distance: 125km ESE.

White Stork

One individual that was ringed in the wild in Poland but shortly afterwards taken into care there and then transferred to a “Rewilding” project in Sussex - so it effectively comes from a reintroduction scheme.

Right tibia: **green** ring with white code Z9404.
Metal ring no. VT2583 (PLG)
Photos show that the bird had smaller rings on the tarsi with something appearing to be attached to that on the left. It also had red dye on the left underwing.
Ringed as a nestling 25/6/16 at Opacz in the Vistula valley just south of Warsaw, Poland (52 06N 21 10E).
A female.
Movements: Subsequently (date not known) found very weak and under-weight near Opacz, taken into care and transferred to Warsaw Zoo. Transferred to Knepp Castle Rewilding Project, West Sussex in 15/12/16 https://knepp.co.uk/white-storks . She was subsequently seen at Cley Marshes and then Salthouse Marshes 22/7/17 (confirmed as Z9404), Kelling Quag 23/7/17 (confirmed), Norwich later the same day (presumed, code not read), Langton

Herring (the Fleet, Dorset) 10-11/8/17(presumed), Charmouth (Dorset) 12/8/17 (presumed), Isle of Portland (Dorset) 25-27/8/17 (confirmed). It was then presumed to have been one of two birds seen together at Pembury (Kent) later that day and at Romney Marsh 29-31/8/17 when the code was confirmed and the other bird also seen to be green-ringed, so presumably another reintroduced bird from Poland. Two individuals that were presumed to be these birds were then seen together at Dungeness (Kent) 1/9/17, Rustington (West Sussex) 3-5/9/17 and finally at Pagham Harbour (West Sussex) 9-15/9/17 (when both birds seen to be green-ringed). There were confirmed sightings of her on the Isle of Wight 18/9/17 and at Iffendic (Ille-et-Vilaine, Brittany, France) 20/9/17 but it was not known if she was still accompanying the other green-ringed bird or not. This bird was then featured on Springwatch when it was said that after a long period without any sightings she had been seen in Somerset 20/4/19 before returning to the Knepp Castle area.
Distance: 1364km W.

Spoonbill

23 colour-ringed birds have been traced, all ringed in the Netherlands except three that were ringed in Germany and one in France. Birds that bred in the Holkham colony have subsequently been seen feeding their youngsters at Cley Marshes. The Dutch ringer was highly delighted with one bird listed. He had ringed it as a nestling and within a year it had been recorded in England on migration both in the autumn and the following spring. Even more remarkable was that he located it himself on its African wintering grounds! One individual summering at Cley Marshes made an inexplicable commute across the North Sea. After being seen at Cley Marshes on the morning of 2/8/10 it crossed the North Sea and was photographed at Balgzand polder, Den Helder (Netherlands) that evening. It was then seen back at Cley again three days later on 5/8/10.

Left tibia: no rings.
Right tibia: **red** (sometimes stained maroon or brown) over ***white*** (sometimes stained yellow) rings.
The bird will have originally had at least one more colour ring, probably a Black ring with an inscription on the left tibia, that has subsequently been lost.
Ringed on either the island of Vlieland or that of Terschelling in the Wadden Sea area of North Netherlands as a nestling in 1994.
Movements: Cley Marshes 4/6/09, Titchwell (Norfolk) 5/6/09, Cley Marshes 4+26/7/10, 11/8/10, 11+15/9/10 and 4-5/3/11. Then seen in the breeding colony of eight pairs at Holkham NNR. Bred successfully there and subsequently seen again at Cley Marshes 15/6/11-26/7/11 regularly feeding a recently fledged juvenile. Seen in the breeding colony at Holkham 2014. Subsequently seen at Cley Marshes 8/6/14-16/7/14 together with three juveniles that it was seen feeding. Seen again at Cley Marshes 16/6/15-18/7/15 feeding at least one juvenile.

Left tibia: **black** ring over **black flag** over **red** ring.
Right tibia: metal ring no.8063167 over **green** ring over **red** ring.
Ringed as a pullus 21/5/17 at Sloegebied (Quarleshaven Schotlandwe, SW Netherlands).
Movements: Sloebos (Borssele, Netherlands 51.43N 3.73E) 15/6/17, Middelburg (Netherlands 51.51N 3.59E) 19-24/6/17, Vroon (Netherlands 51.54N 3.44E) 26/6/17-23/7/17, Baarzandse Kreek (Netherlands 51.37N 3.54E) 1/8/17, Vroon 9/8/17-3/9/17, Hollesley Marshes (Suffolk) 4+6/6/19, Havergate Island (Suffolk) 9/6/19, Orfordness (Suffolk) 14/6/19, Havergate Island 19/6/19, Orfordness 6/7/19 and Cley Marshes 9/7/19.

Left tibia: **blue** ring (stained black) with code **S2**.
Right tibia: ***white*** ring (stained yellow) with code **S2**.
Metal ring no. NLA 8048377.
Ringed 20/6/06 as a nestling at Bomenland, Vlieland, Netherlands (53 17N 04 59E).
Movements: seen again at Bomenland 28/6/06, Lauwersmeer (Netherlands) 9/7/06, Puerto Real (Cadiz, Spain) 18/12/07, Bay of Cadiz 2/2/08, Villafafila (Zamora, Spain) 18/10/08, Caerlaverock (Dumfries) 1/6/09, Cley Marshes 9/6/09 and 17/6/09-7/7/09.

Left tibia: **blue** ring with yellow code **71**.
Right tibia: ***white*** ring with black code **71**.
Metal ring no. NLA 8047939.
Ringed 16/6/06 as a nestling probable female on the island of Schiermonnikoog, Netherlands (53 29N 06 09E).
Movements: Schiermonnikoog 20+26/6/06, Lauwersmeer (Netherlands) 9/7/06-30/8/06, Taw Estuary (Devon) 14+23/10/06, Banc d'Arguin (Mauritania) 19/11/06, Slimbridge (Gloucs) 16-17/4/06, Cley Marshes 23-24/4/07 and 4/5/07, Titchwell 13-14/5/07.

Left tibia: **blue** ring over **red** ring over **blue** ring.
Right tibia: metal ring no. DEW 119V over ***white*** flag (stained) over **yellow** ring.
Ringed 2/6/08 as a nestling at Mellum, Niedersachsen, Germany (53 44N 08 10E).
Movements: Irun, Guipuzcoa, Spain 14/9/08 and Cley Marshes 26/6/11-30/8/11 also visiting Holkham (Norfolk) 7+15/7/11 and 2/8/11 in between the Cley sightings.

Green rings on both legs with code **CR** (rotated through 90 degrees).
Metal ring above the plastic one on left leg.
Ringed as a nestling 14/6/1998 Schiermonnikoog, Netherlands (53 29N 06 15E).
Movements: Lauwersmeer (Netherlands) 8/98, Cley Marshes 23-26/5/02. Moved on to Breydon Water 27/5/2002.

Left tibia: **green** ring over metal ring no. DEW E 07095 over **green flag**.
Right tibia: **blue** over **green** over **lime** rings.
Ringed 30/5/12 as a nestling at Niedersachsen, Mellum (Germany 53 44N 08 10E)
Movements: Cley Marshes 12/10/12.
Distance: 485km.

Left tibia: **green** ring over **yellow flag** over **green** ring.
Right tibia: **blue** ring over metal ring no. NLA 8048768.over **lime** ring.
Ringed as a nestling 10/6/07 Schiermonnikoog, Netherlands (53 29N 06 09E).
Movements: Schiermonnikoog 13+17/6/07, Lauwersmeer (Netherlands) 5-12/8/07, River Taw (Barnstaple, Devon) 7/11/07, Isley Marshes (Chivenor, Devon) 6/2/08, River Taw 22/3/08, Dungeness (Kent) 25/4/08, Breydon Water (Norfolk) 2/5/08, Berney Marshes (Norfolk) 4/5/08, Breydon Marshes 7/5/08, Schiermonnikoog 15/5/08, Serooskerke (Netherlands) 19/5/08-3/6/08, Breydon Water 13/6/08, Minsmere (Suffolk) 15/6/08, Trimley Marshes (Suffolk) 1/7/08, Orford Ness (Suffolk) 6-19/7/08, Havergate Island (Suffolk) 2/8/08, Breydon Marshes 30/8/08, Isley Marshes 9/10/08, River Taw 21/2/09-5/4/09, Dee Estuary (Cheshire) 13-16/04/09, Inner Marsh Farm (Cheshire) 16/4/09, Havergate Island 1/5/09, Cley Marshes 18/6/09-30/7/09, Orford Ness 26-27/8/09, Isley Marshes 24+26/9/09, River Taw 12/12/09+27/2/10, Berney Marshes 26-27/3/10, River Taw 5/9/10+3/10/10, Isley Marshes 8/10/10, River Taw 12+24+27/10/10, Schiermonnikoog 4/7/11 (attempted to nest in

its natal colony but nest and eggs lost in a very high tide), Lauwersmeer15/8/11 and Brownsea Island (Dorset) 27/8/11.

Left tibia: **green flag** over **pale blue** over **red** rings.
Right tibia: metal ring no. over **red** over **red** rings.
The ring below the flag read as being white but white rings are not used and pale blue is the only pale ring that has been used in this position with the others in this combination.
Ringed as a pullus 1/6/15 on the island of Sudfall in Schleswig-Holstein, Germany.
Movements: Sudfall to 14/8/15, Holkham (Norfolk) 10/6/17, Cley Marshes 19/6/17, 24/7/17, 14+23/8/17.

Left tibia: **lime** ring over **green** over **red** ring.
Right tibia: **lime** ring over metal ring no. 6474 over **green flag**.
A male.
Ringed 10/6/11 as a pullus at Mellum, Niedersachsen, Germany (53 44N 08 10E).
Movements: seen 25km from its birth place at Eckwardersiel (53 31N 08 17E) 17/7/11-14/8/11 then four times at Cley Marshes 2/6/14 to16/7/14. Also seen Alkborough Flats (Lincs) 10/6/14+14/9/14+3/5/15 and Titchwell 11/8/14. Seen at Holkham 4/6/17 and bred there in 2018 producing fledged youngsters. Then seen Blacktoft Sands (E Yorks) 15/8/18 and Deepdale Marsh (Norfolk) 17/9/18. Seen in the Holkham colony 14/6/19, 2+4/7/19 when he nested successfully having at least one youngster. Subsequently seen at Burnham Deepdale 29/8/19.

Left tibia: **lime** ring over **yellow flag** over metal ring no. NLA 8048708.
Right tibia: **yellow** ring over **green** ring over **yellow** ring.
Ringed as a nestling 21/5/07 Schiermonnikoog, Netherlands (53 29N 06 09E).
Movements: Schiermonnikoog 5-7/6/07, Uithuizen (Netherlands) 29/8/07, Anjumer Kolken (Netherlands) 5/9/07, Morra (Netherlands) 8/9/07, Lauwersmeer (Netherlands) 21/9/07, Marjal de Almenara (Valencia, Spain) 25/6/08, Quartell (Valencia, Spain) 25/6/08, Guerande Marshes (Loire Atlantique, France) 1/11/09, Gibralter Point (Lincs) 14/6/10, Cley Marshes 19/6/10-5/8/10, Gibraltar Point 9+13/8/10, Cley Marshes again 30/8/10 and 10-15/9/10. Seen back at Schiermonnikoog where it was raised 24/5/1.

Left tibia: metal ring no. NLA 8053629 over **green** ring over **green** ring.
Right tibia: **yellow flag** over **yellow** ring.
A female.
Ringed as a pullus 12/7/11 at Boschplaat, Terschelling, Netherlands (53 25N 05 28E).
Movements: Koehool (Netherlands) 17/8/11+2/9/11, St Marie du Mont (Manche, France) 6/4/12, Norderney (Ostfriesland, Germany) 18/8/12, Polder Breebaart (Termunten, Netherlands) 22/6/13, Terschelling 19/4/12-29/7/14, St Marie du Mont 4/3/15, Blakeney Freshes 22/4/15, Stiffkey Fen 23/5/15, Cley then Salthouse 11/3/16**,** seen in the Holkham (Norfolk) colony during the breeding season 31/3/16+14/5/16, Cley Marshes 28/6/16 (probable sighting - rings on left leg not seen properly) then 10-13/7/16 (when seen well together with a begging juvenile), Holkham 16/4/17 to 20/6/17 when she produced two fledged youngsters. Also seen at Stiffkey on 9/5/16 and at Cley Marshes 21/6/17 in the evening with a begging juvenile. Seen in the breeding colony at Holkham again in 2018 and presumed to have bred. Seen at Kelling Quag on 12/6/18 but she was back at Holkham guarding a crèche of 12 recently fledged birds on 16/6/18. Bred at Holkham again in 2019 being seen 18+24/3/19, 18/4/19, nest building on 20/4/19 and was showing signs of feather wear due to chick begging on 9/5/19.

Left tibia: metal ring no. NLA 8052585 over **red** ring over **green** ring.
Right tibia: **yellow** ring over **yellow flag** over **red** ring.
Ringed as a nestling 11/5/10 at Onderdijk, Vooroever, Netherlands (52 46N 05 07E).
Movements: still at Onderdijk 6/7/10 then Balgzandpolder, Den Helder, Netherlands 13/7/10 to 21/8/10, Hickling Broad (Norfolk) 9/6/11, Alkborough Flats (Lincs) 13/6/11, Cley Marshes 19/6/11 and Titchwell (Norfolk) 17/7/11.

Left tibia: metal ring no.8061922 over **yellow** (stained with red) ring over **black** ring.
Right tibia: **black flag** over **yellow** (stained with red) ring over **green** ring.
A female.
Ringed as a pullus 4/6/16 at Oosterkwelder, Schiermonnikoog (Netherlands).
Movements Lauwersmeer (Netherlands 53.38N 06.23E) 20/8/16, Somme (France 50.33N 01.68E) 4/9/16, Balgzand(Netherlands 52.94N 04.79E) 13/9/16, Somme 17/9/16, Balgzand 22/9/16, Cley Marshes 5/6/19, 4+29/7/19+5/8/19 and photographed in the Holkham colony 19/6/19.

Left tibia: metal ring no. NLA 8049817 over **yellow flag** (stained red) over **lime** ring.
Right tibia: **yellow** ring over **red** ring over **green** ring.
Ringed as a nestling 24/6/08 Schiermonnikoog, Netherlands (53 29N 06 09E).
Movements: Gibralter Point (Lincs) 11-13/6/10, Cley Marshes 19/6/10, 10/7/10 and 1-8/8/10, Gibraltar Point 9+13/8/10 and then Cley Marshes again 30/8/10.

Left tibia: **red** ring over **black flag** over **pale blue** ring.
Right tibia: metal ring no.8063232 over **green** ring over **yellow** ring.
Ringed as a pullus 2/6/17 at Krammer-Volkerak, Slaakeiland (Netherlands).
Movements: Sint Maartensdijk (The Netherlands 51,55N 4,04E) 19/7/17, Ouwerkerk (Netherlands) 28/7/17, 17/8/17 + 6/9/17, Cley Marshes 26/4/19-8/5/19 also being seen at Holkham (Norfolk) 27/4/19, Nyland (Aero, S Denmark 54,92N 10,47E) 17/6/19, Sneum Digeso (Esbjerg, Denmark 55,44N 8,60E) 16/8/19, Txingudi Marshes (Irun, Spain 43,20N 01,47W) 20-21/9/19, Bahia de Santander (Cantabria, Spain 43,47N 03,85W) 22/9/19, Peravillo (Ciudad Real, Spain 39,04N 03,55W) 9/10/19 and Charca de Manzanares (Cáceres, Spain 39,18N 05,75W) 4/2/20.
Distance: 258kmW.

Left tibia: **red** ring over metal ring no. CA75111.
Right tibia: ***white*** ring (now stained **yellow**) over **lime** ring over **blue** ring.
A male.
Ringed 2/5/12 as a nestling 25km SW of Nantes at Lac de Grand Lieu, Loire-Atlantique, France.
Movements: Seen at Holland Haven CP (Essex) 11+23/4/17. He nested in the Spoonbill colony at Holkham 8/5/17-14/6/17 but the chicks were predated. Possibly seen at Middlemarsh farm, Skegness (Lincs) 21/7/17 (upper right ring read as yellow). He nested at Holkham again 7/4/18-11/7/18 and was seen at Kelling Water Meadow 17/6/18 when the pair still had small chicks in the nest. Seen at Welney (Norfolk) 26/8/18. Seen again in the Holkham colony 4/3/19, 7/6/19 (photographed) and then seen there with a begging youngster 18/7/19. Seen at Cley Marshes irregularly 4/7/19-8/8/19 (usually with the begging youngster).

Left tibia: ***white*** ring with black code **D5**.

Right tibia: metal ring no. NLA 8047884 over **blue** ring with yellow code **D5**.
Ringed as a nestling 18/5/06 Vooroever, Onderdijk, Netherlands (52 46N 05 07E).
Movements: remained at Onderdijk to 29/6/06, Lauwersmeer (Netherlands) 26/7/06, Ria Formosa (Fuzeta, Algarve, Portugal) 7/12/06, Banc d'Arguin (Mauritania) 17/10/07, Setubal (Estremadura, Portugal) 25/2/08, Banc d'Arguin (Mauritania) 9/11/08, Kelling Water Meadow 26/4/09 and then by the River Glaven north of Cley 27/4/09.

Left tibia: **yellow** ring with yellow code **L1**.
Right tibia: **blue** ring with black code **L1**.
Thought from size to be a male.
Ringed as a nestling 24/5/04 Schiermonnikoog, Netherlands (53 29N 06 09E).
Movements: Lauwersmeer (Netherlands) 10-22/8/04 and Cley Marshes 21/6/08-8/8/08.

Yellow rings on both legs with code **TO**.
Ringed as a male nestling 21/5/2001 Schiermonnikoog, Netherlands (53 29N 06 09E).
Movements: Schiermonnikoog (Netherlands) 23+31/5/01, Lauwersmeer (Netherlands) 8+11+12+30/8/01, 1/9/01 and 15/8/03 and Cley Marshes 31/5/04.

Left tibia: **yellow flag** over **lime** ring over **yellow** ring.
Right tibia: **blue** ring over metal ring no. NLA 8049223 over **blue** ring.
Ringed 16/6/07 as a nestling at Bomenland, Vlieland, Netherlands (53 17N 04 59E).
Photographs indicate it is probably a male.
Movements: Vlieland 19/8/07 to 8/9/07, Bahia de Santona, Cantabria (Spain) 6-16/10/07 and Cley Marshes 18/6/10 and 7/7/10-2/8/10. Also visited Holkham Freshmarsh 19/7/10. After being seen at Cley Marshes on the morning of 2/8/10 it crossed the North Sea and was photographed at Balgzand polder, Den Helder (Netherlands) that evening. It was then seen intermittently again at Cley 5/8/10-22/9/10. Seen again in the Netherlands at Vroon, Westkapelle 28/5/11 and Nealtje Jans, Zeeland 15/8/11-2/9/11.

Left tibia: **yellow** ring over metal ring no.8058806 over **blue** ring.
Right tibia: **yellow** ring over **green** ring over **yellow flag**.
A male.
Ringed as a pullus 12/5/14 Onderdijk, Vooroever, Netherlands.
Movements: Dungeness (Kent) 8/9/14, Oare Marshes (Kent) 9/9/14, Old Hall (Essex) 17-19/9/14, Benacre Broad (Suffolk) 22/9/14, Halvergate Island (Suffolk) 20/10/14-9/11/14, Orfordness (Suffolk) 16/11/14, Halvergate 6/12/14-18/1/15, Aldeburgh (Suffolk) 22/1/15, Halvergate 8/2/15, Minsmere (Suffolk) 11-12/2/15, Orfordness 14-15/3/15, Minsmere 21/3/15+2/4/15, Orfordness 26/4/15, Minkewaal (Texel, Netherlands) 8/5/15, Diijkmanshuizen (Texel) 21/5/15, Hollesley Marshes (Suffolk) 26/5/15, Orfordness 30/5/15, Aldeburgh 6/6/15, Trimley Marshes (Suffolk) 30/6/15, Halvergate 29/8/15, Titchwell (Norfolk) 4/9/15, Hollesley 15/11/15, Aldeburgh 26/1/16+1/2/16 and Cley Marshes 3/5/16. Bred at Holkham 11/4/17-11/6/17 producing a juvenile. The following year arrived at Holkham 25/2/19 and produced at least two youngster that fledged. Last seen 20/6/19.

Left tibia: **yellow** ring over metal ring no. NLA 8050679 over **lime** ring.
Right tibia: **yellow** ring over **yellow flag** over **red** ring.
Ringed as a nestling 25/6/09 Schiermonnikoog, Netherlands (53 29N 06 09E).
Movements: Achter de Zwarten (Lauwersmeer, Netherlands) 6/9/09, Jaap Deensgat (Lauwersmeer) 12/9/09, Bahia de Santona (Cantabria, Spain) 16/9/09, Saltholme Pools (Cleveland) 26/5/11, Druridge (Northumberland) 27/5/11, Saltholme Pools 30/5/11, Breydon

Water (Norfolk) 22-24/6/11, Minsmere (Suffolk) 28/6/11-2/7/11, Cley Marshes 8/7/11-29/8/11 also visiting Holkham (Norfolk) 2/8/11 in between these Cley sightings, Minsmere 19/5/12, Cley Marshes 24/6/12, Minsmere 29/6/12, Orfordness (Suffolk) 7/7/12 and Havergate Island (Suffolk) 14+16/7/12.

Untraced birds

Two colour-ringed Spoonbills were seen in a flock of 8 adults at Cley Marshes on 15/6/99. One had a green ring on each leg and the other a yellow ring on each leg. They are likely to have also been Dutch-ringed birds with codes on the rings that were not seen/read.

Left tibia: **blue flag** over **yellow** ring over **red** ring.
Right tibia: metal ring over **yellow** ring over **red** ring.
Seen: Cley Marshes 8/7/17.
Does not match any bird on the Spoonbill Working Group's database. If the blue flag was correct then it will have been ringed in Belgium.

Left tibia: **yellow** ring over **lime** ring.
Right tibia: **yellow** ring over **blue** ring over **yellow** ring.
The bird has lost its metal ring and its position is an important part of the ringing combination. Its origins cannot be traced but it has been placed the database by the scheme coordinator so that future movements can be followed.
Seen: Cley and Salthouse Marshes 30/5/15-3/6/15.

Red Kite

Four Red Kites fitted with coded wing-tags have been seen but the code was only read on one of these. This bird was ringed as a nestling on an estate north of London and has wandered north to Cambridgeshire and now the Cley area in its first winter and early spring.

Wing-tagging of Red Kites commenced in East Anglia in 2015. Those ringed by Phil Littler in North Norfolk were fitted with **black tags** and white codes (the same 2 alpha/numeric on each wing).
Phil asks if anyone seeing either of these birds could e-mail him directly on
phil@mal5041.plus.com
and he will reply with details of the bird ASAP.

In early UK reintroduction schemes the tag colour on the left wing gives the release area and the right one the year of release. There is a band at the base of a tag indicating the colour of the tag on the other wing. There is the same code on each tag. A clear view of one tag on a perched bird should be sufficient to identify it.

Code on Wing-tags read

Left and right wings: **Yellow** tags with **black** code **OC**
Ring no. GY18602
Ringed as a nestling on the Hatfield Estate (Herts) 13/6/20.
Movements Fowlmere RSPB (Cambs) 18/9/20, Halls Green (Herts) 30/12/20, Babraham (Cambs) 21/1/21, Walsey Hills 23/3/21, S of Cley 24/3/21 and on the Glaven Marshes opposite Cley 26/3/21.

Wing-tagged birds where the code identifying the specific individual could not be read

One seen at Cley Marshes 8/6/04 had wing tags but their colour and any codes couldn't be determined. Another seen over Blakeney Freshes on 12/4/13 had a white tag on the left wing and a red tag on the right wing with a pale code that couldn't be made out. This would make it a bird released in the Midlands in either 2012 or back in 2003. A third bird that flew east over Cley NWT on 14/3/14 had orange tags with white codes on each wing. Assuming that it also came from a UK reintroduction scheme then it would have been released in Yorkshire in 2005. There is, however, also a scheme in Germany using orange wing tags on each wing.

White-tailed Eagle

Two colour-ringed individuals fitted with satellite transmitters have been seen and satellite plots have shown that another bird has also visited the Square. They come from a project run by the Roy Dennis Wildlife Foundation in partnership with Forestry England. Nestlings are collected under licence, issued by Scottish Natural Heritage, from nests in Scotland and translocated to the Isle of Wight in late June. They are then held in a quiet, confidential, location for approximately four-eight weeks before being released. Food (mainly fish) is provided close to the release site during the autumn and winter before the young eagles become independent. The Natural England licence permits the release of up to 60 juvenile eagles on the Isle of Wight over a five-year period from 2019. The first six juveniles were translocated to the Isle of Wight in late June 2019 and all were successfully released in August. A further seven youngsters were translocated and released in 2020. Detailed information on the progress and movements of these birds can be found on the Roy Dennis Wildlife Foundation website https://www.roydennis.org/

Left leg: **black** ring with white code **G461**.
Right leg: Metal ring.
Fitted with a satellite transmitter.
Ringed as a male nestling in 2020 in W Scotland.
Movements Translocated to the Isle of Wight in June. He was the first of the 2020 birds to leave the island heading E on 30/9/20 to visit SW London and E Sussex before returning to the island on 13/10/20. He remained there through the mid-winter but left again on 5/2/21 following the South Coast westwards to Devon. He remained in Devon until 7/3/20, favouring an area of 25 km² centred around the Erme and Yealm estuaries. He then flew NE to Somerset reaching an area to the W of Frome on 9/3/21. He then flew eastwards back to the Isle of Wight. He left the island on 15/4/21 and headed for Kent. On 22/4/21 he left Kent and headed north through Essex and Cambridgeshire to North Norfolk. He lingered SE of Holt for a week then visited the Cley Square on 2/5/21 before flying W to the Burnhams and Stanhoe. He spent most of May around the Wash and in West Norfolk but wandered up to the Lincolnshire Wolds briefly mid-month. On 29/5/21 he started a long flight back to Devon roosting in the Cotswolds SW of Cheltenham. He spent time on the coast near Lyme Regis and inland near Axminster before returning to the Isle of Wight 9/6/21 but for just three days. He then flew north again and on 15/6/21 he had returned to what appears to possibly be his favoured area for the summer months the south side of the Wash. He remained there until 6/9/21 when he headed south through Essex, Surrey and Sussex arriving back at the Isle of Wight 15/9/21.

Left leg: **black** ring with white code **G463**.

Right leg: Metal ring.
Fitted with a satellite transmitter.
Ringed as a male nestling in 2020 in Sutherland (W Scotland).
Movements Translocated to the Isle of Wight in June. After release he eventually left the island flying west to Land's End during October. He wintered near Chard in the south of Somerset, living in a relatively large core area of 140 km², predominantly to the north and south-west of Chard. He flew to the north Somerset coast just to the south of Burnham-on-Sea on 4/2/21 and then lingered to the south of the village of Mark in the Somerset Levels until 7/2/21 when he returned to the Chard area. He headed south-east to the Devon coast near Bridport on 10/2/21. He then flew north on 12/2/21 spending all day 14/2/21 in and around Copley Wood to the north of Somerton in central Somerset. On 15-16/2/21 he continued north-east and flew 120 km across Somerset, and Wiltshire to West Berkshire. He then lingered between Newbury and Reading before making a brief visit to Theale Lagoon just to the south-west of Reading on 19/2/21 and spending the rest of the day in the Thames valley. He moved further north on 20/2/21 and lingered in the Chilterns in south-east Oxfordshire for three days before making another concerted move to the north-east on 23/2/21, flying 86 km through Buckinghamshire and then Hertfordshire before roosting in woodland two miles east of Baldock. Next day he flew a further 49 km further north-east into Cambridgeshire before covering another 47 km (29 miles) on 26/2/21, skirting to the east of Newmarket and then crossing into north-west Suffolk. He lingered to the south-west of Thetford for two days before heading further north into the Brecks in Norfolk on 28/2/21. After a week in the Brecks he flew a 105 km circuit to the North Norfolk coast on 7/3/21, flying over Blakeney, Salthouse and Kelling between 12:40 and 13:10 before heading back SW. Seen during the day at Walsey Hills NOA and south of the Kelling Triangle. He left Norfolk 20/3/21 flying SE to the Suffolk coast where he stayed until 29/3/21 before flying back northwards to the Norfolk Broads. On 2/4/21 he returned to Suffolk and visited the Essex coast briefly on 4/4/21. On 5/4/21 he flew south into Kent and 7km out into the English Channel before returning to Kent. The following morning 6/4/21 he again flew 7km out to sea again but returned once more. In the afternoon, however, the wind was perfect and he flew the 47km across to Boulogne-sur-mer in 47mins and become the first individual from this project to make it across to mainland Europe. He then flew 176km SE in France to roost near the village of Duilly (Picardy). On 7/4/21 he started a long journey NE roosting S of Liege in Belgium. The following day 8/4/21 he travelled through the Netherlands into Germany. He remained on the south side of the River Elbe until 18/4/21 when he moved into the northerly German state of Schleswig-Holstein. He moved into Denmark on 25/4/21 and on 28/4/21 reached the most northerly point of his explorations, the south side of Ringkøbing Fjord. He remained on the Danish coast until 29/5/21 when he returned south through Germany, the Netherlands and Belgium before crossing into France on 13/6/21. He lingered there for a week before returning north and reaching Germany on 25/6/21. He stayed there favouring the River Eide Estuary until 24/7/21. He then crossed the border into the Netherlands where he has been favouring the Wadden Sea coast and the Ems Estuary on the German border.

Left leg: **black** ring with white code **G471**.
Right leg: Metal ring.
Fitted with a satellite transmitter.
Ringed as a male nestling in 2020 in W Scotland.
Movements Translocated to the Isle of Wight in June. After release he eventually left the island and spent his first winter on the Cornwall-Devon border. His core area encompassed approximately 22 km² between Bude and Holsworthy, but on occasions he did make longer

exploratory flights into other parts of Cornwall and Devon and on 18/1/21 into Somerset. On 16/2/21 he started moving eastwards through Devon and left that county on 23/2/21 flying 53 km north-east to the Quantock Hills (Somerset). He spent the following day a mile north of Hawkridge Reservoir then on 25/2/21 flew north to the coast just to the south of Bridgwater Bay, headed east over Salisbury Plain and roosted near Tilshead (Wiltshire) after flying 97 km (60 miles). He headed north-east over subsequent days. He roosted just to the south of Burbage (Wiltshire) on 26/2/21 then flew a further 58 km to the Chilterns (Oxfordshire). He continued to follow the Chilterns ridge north-east over the next few days, passing directly over Tring on 1/3/21 and crossing into Bedfordshire later that afternoon. He slowly made his way north through Bedfordshire over subsequent days and on 5/3/21 crossed the border into Cambridgeshire and arrived at Graham Water remaining there until the morning of 9/3/21. Visited the Cley Square 23/3/21 being seen at Bayfield, Kelling Quags, Cley Marshes and Walsey Hills. He remained in East Anglia, favouring the Ouse Washes and the north Norfolk coast until 14/4/21 when he headed back SW into Herefordshire.

Marsh Harrier

Well over 200 Marsh Harriers have been fitted with wing-tags in North Norfolk since 2011 and individuals have been sighted in the UK from Cornwall to as far north as Aberdeen. There have also been sightings in Ireland, Belgium, Germany, Spain, Portugal and the Canaries.
These birds originally had **lime** tags with a code of two letters/numbers. The tags in fact look pale green, a little darker than most lime leg rings. The first series of codes beginning A were in ***white*** but all subsequent wing-tags have the code in **black**. **Orange** tags with **black** codes are now being used.
Phil Littler asks if anyone seeing one of these birds could e-mail him directly on
phil@mal5041.plus.com
and he will reply with details of the bird ASAP.

The codes on 13 of the Lime-tagged individuals from Norfolk have been read successfully in the Square. Four of the individuals with Orange tags have now been seen and also individuals from two other schemes have been seen but the codes not read. One of these birds will have been ringed in France or Belgium.

Code on Wing-tags read completely

Left and right wings: **lime** tags with **black** code **C6**
Ring no. GR18880
Ringed 10/6/13 at Sculthorpe Moor (Norfolk) as a female nestling, one of a brood of three.
Movements Heigham Holmes (Norfolk) 6/11/13, Stiffkey Fen 31/3/14, Hickling Broad 1/4/14 then no further sightings until seen at Cley Marshes 21/12/17, south of Walsey Hills 3/1/18 and Cley Marshes 22/1/18.

Left and right wings: **lime** tags with **black** code **FX**
Ring no. GR77875
Ringed 9/6/14 at Sculthorpe Moor (Norfolk) as a female nestling, one of a brood of four.
Movements Cley Marshes on 26/2/15, 3/3/15(photographed) and 31/10/15-1/11/15(photographed).

Left and right wings: **lime** tags with **black** code **F6**

Ring no. FH62003
Ringed 14/6/14 on the Holkham Estate (Norfolk) as a male nestling, one of a brood of three.
Movements Salthouse 15/12/14 (photographed), 23/12/14 and 26/2/15.

Left and right wings: **lime** tags with **black** code **P4**
Ring no. AJ60737.
Ringed 7/6/15 near Gt Yarmouth (Norfolk) as a female nestling, one of a brood of three with her two siblings being males.
Movements Kenfig NNR (S Wales) 23/8/15, Otmoor RSPB (Oxfords) 6/11/15, near Clacton (Essex) 17/1/16, Elmley RSPB (Kent) 14/2/16-10/3/16, Cley Marshes 1/4/16, Buckenham Marshes (Norfolk) 27/11/16 and Covehithe (Suffolk) 11/12/18.

Left and right wings: **lime** tags with **black** code **RN**
Ring no. GR91109
Ringed near Great Yarmouth (Norfolk) 5/6/16 as the only female nestling in a brood of three.
Movements Minsmere 10/12/16, Saltholme RSPB (near Billingham, Cleveland) 9/4/17, Woodwalton Fen (Cambs) 18/4/17 and Cley Marshes 23+24/1/18 then 10/12/18. Also probably seen 8/12/19. Code read in the field as RN. Photo taken confirms second letter of the code but the first letter is not clear. The plumage seems to show pale grey central tail feathers and extensive pale grey in the upperwings. It is thought that this may be possible but unusual for an adult female. Seen again at Cley Marshes 29/10/20.

Left and right wings: **lime** tags with **black** code **T4**
Ringed 7/6/16 near Haddiscoe (Norfolk) as a male nestling, one of a brood of three with his two siblings also being males.
Movements Cley Marshes 5-9/8/16.

Left and right wings: **lime** tags with **black** code **VX**
Ringed 4/6/17 at Cantley (Norfolk) as a female nestling, one of a brood of five with her siblings being three males and another female.
Movements Cley Marshes 13/7/17.

Left and right wings: **lime** tags with **black** code **3X**
Ring no. GR20160
Ringed 25/6/16 near Guist (Norfolk) as a female nestling, one of a brood of three with her two siblings being males.
Movements Cley Marshes 10/8/16.

Left and right wings: **lime** tags with **black** code **4H**
Ringed as a female nestling on the Holkham estate (Norfolk) 20/6/17.
One of a brood of five. A brother is the only UK-ringed Marsh Harrier to be recorded on the Canaries – seen at Lanzarote in February 2018.
Movements. Cley Marshes 22+24/12/19 and only a few other sightings all in Norfolk.

Left and right wings: **lime** tags with **black** code **4X**
Ring no.FH62048.
Ringed as a male nestling on the Holkham estate (Norfolk) 13/6/18.
Movements Holkham 9/9/18, Baranny (Galway) 18/11/18, Lough Larne (Co. Antrim) 13/4/19, Hornsea then Spurn Point (E Yorks) 28/4/19, Marazion Marsh (Cornwall) 22/10/19 and Cley Marshes 9/12/19.

Left and right wings: **lime** tags with **black** code **9H**
Ringed at Thorpe-next-Haddiscoe (Norfolk) 6/6/18 as a male nestling in a brood of two.
Movements Cley Marshes 30/7/18.
Its sibling sister seen at Ranworth NWT 26/7/18.

Left and right wings: **orange** tag with **black** code **DT**.
Ringed as a nestling 10/6/20 near Wells-next-the Sea (Norfolk). One of three females in a brood of five. The nest was less than 100m from another nest and it was presumed that both nests belonged to a polygamous male.
Movements Cley Marshes 23/3/21 and possibly the following day but code not read.

Left and right wings: **orange** tag with **black** code **D6**.
Ringed on the Holkham Estate (Norfolk) 2/7/20 as a nestling, one of a brood of three all males.
Movements Deepdale Marsh (Norfolk) 22/9/20, Ellerton Ings (Yorks) 20/10/20, Wheldrake Ings (Yorks) 22/10/20, Lower Derwent Valley (Yorks) 28/10/20 and Blakeney Freshes 22/11/20.

Left and right wings: **orange** tag with **black** code **IT**.
Ringed at Breydon Water (Norfolk) 8/6/20 as a nestling, one of a brood of three all males.
Movements Cley Marshes 27/10/20.

Left and right wings: **orange** tag with **black** code **R9**.
Metal ring no. CV69387.
Ringed as a female nestling at Hardley Marsh (Loddon, Norfplk) 23/6/21. One of a brood of two females and one male.
Movements Cley Marshes 20/9/21.
Her brother was seen at Dunraven Bay (Glamorgan) 8/9/21.

Code on Wing-tags not read completely or misread but the individual traced

Left and right wings: **lime** tags with white code **AD** (only the D seen but this was the only surviving individual that would fit)
Ring no. FH11669
Ringed in 10/6/11 as a male nestling at Sculthorpe Moor (Norfolk).
Movements Holme (Norfolk) 24/8/11, Isle of Sheppey (Kent) 31/10/11, near Newport (Mon) 11/9/12, Goldcliff (Gwent) 16/9/12, Chew Valley (Somerset) 17/11/12, then back in Norfolk at Blakeney Freshes 7-8/2/13, near Dale (Pembrokes) 1/4/13.

Left and right wings: **lime** tags with code **A7** (tag colour reported as green and code misread as 47 but all local wing-tagged Marsh Harriers in fact have lime wing-tags and at that time had a code starting with a letter and this seems a very likely misread).
Ring no.GR18841
Ringed 21/6/12 as a female nestling at Sculthorpe Moor (Norfolk). One of a brood of five and the only one reported since fledging.
Movements Holme 27/9/12, Cley Marshes 2/10/12 and probably also at Kelling Water Meadow the same day (code on tags could not be read), Titchwell 31/10/12 – 26/11/12 and Minsmere (Suffolk) 30/12/12-28/2/13, near Reydon (Suffolk) 26/3/13, Boyton (Suffolk) 4/4/13, Minsmere 16/6/13 (bred successfully with two young fledging) and 1-22/12/13.

Left wing: **yellow** tag with **black** code
Right wing: **purple** tag with **black** code
Ringed in either France or Belgium.
Movements Cley Marshes 15/8/19.

Code on Wing-tags not read

There are reports of birds with 2 "green" or pale green wing-tags or lime tags where the code couldn't be read at Blakeney Point on 30/8/11, of two individuals at Cley Marshes on 24/1/14, of a juvenile W at Cley Marshes 25/8/14, of at least two different individuals at Cley and Salthouse Marshes (mainly seen at the Pope's Marsh roost) from 26/11/14 to 30/3/15, one at Morston Meals on 5/2/15, of at least two different individuals at Cley and Salthouse Marshes 8/10/15-2/4/16, one at Cley Marshes 11/8/16+11/12/16, up to two from 4/11/17-26/12/17, a juvenile 8-10/7/18, a female 5+9/11/18, a female 6/12/19, one 20/1/20, females 22/10/20-5/12/20 and one 11/11/21. It is presumed that the tags were in fact always **lime** and that the birds will therefore have been ringed in North Norfolk. Most of the winter 2014-2015 roosting bird records presumably relate to the individuals **F6** and **FX**.

Left wing only: **lime** tag with **black** code (right tag missing)
Seen Cley Marshes 8-28/1/16, 30/3/16, 11-21/12/16 and 31/3/17. All sightings are of adult females and therefore probably the same individual.

Right wing only: **lime** tag with **black** code (left tag missing)
Seen Cley Marshes 7/4/18. An immature female.

Both wings: **orange** tag with **black** code.
Seen Cley Marshes 18/3/20, Cley Marshes 28+29/7/20 (a juvenile, second digit of code thought to possibly be 2 but that had not been used whereas four juveniles had been fitted with tags and codes ending Z), Cley Marshes 22/8/20, Cley Marshes 3/9/20 (a juvenile), Cley Marshes 12/10/20 (a juvenile), 14/10/20 (a juvenile and code read as either IN or NI), 22/10/20 (a juvenile), 27/10/20, 10/5/21(a 2cy female), 18/10/21 (code thought to possibly be I I or H), 6/12/21.

Right wing only: **orange - red** tag with code
Seen Cley Marshes 20/1/20.

Left wing: **red** tag with code
Ringed in the UK.
Seen Blakeney Point 25/8/19.

Both wings: **red** tag with code
Seen Cley Marshes 8/10/18.

Both wings: ***white*** tag with **black** code
Seen Cley Marshes 26/10/21+11/11/21.

Hen Harrier

Code/combination incomplete

Left wing: **yellow** tag with **blue terminal band**.
Right wing: **blue** tag with **yellow terminal band**.
A female. Code on tags not read (each individual has a different letter or number on each tag).
Date at Cley Marshes 3/11/05.
Ringed at the RSPB Geltsdale Reserve (Northumberland-Cumbria) or at Langholm (Scottish Borders) in 2005. 6 of the 10 birds that fledged at these sites were fitted with this colour combination.

Montagu's Harrier

Code on Wing-tags not read

Left wing: **yellow** tag with code that couldn't be read.
Right wing: **green** tag with code that couldn't be read.
A ringtail.
Date at Cley Marshes 5/5/09.
Ringed: most likely scheme is one in France which is where another wing-tagged individual seen in Norfolk and Suffolk in spring 2010 came from.

Sparrowhawk

A young female ringed in the Square was found dead later in the year in Dorset.

Metal ring no. **EW94191**
Ringed as a first calendar year female 29/8/14 at Walsey Hills NOA.
Recovered found dead after hitting a window 21/12/14 at Coombe Keynes (Dorset).
Distance: 342km SW.

Common Buzzard

Wing-tagging of Common Buzzards commenced in East Anglia in 2014. Those ringed by Phil Littler in North Norfolk are fitted with **black tags** and white codes (the same 2 alpha/numeric on each wing).
Phil asks if anyone seeing either of these birds could e-mail him directly on
phil@mal5041.plus.com
and he will reply with details of the bird ASAP.

Left and right wings: **Black** tags with white code **AC**.
Ringed A youngster taken into care at Blickling Hall (Norfolk) in early July 2014, rehabilitated at the Raptor Trust, Norwich then successfully released back where it was found in the first week of August.
Seen Kelling 9/8/14.

Osprey

Just one record, an immature bird fitted with a coded colour-ring ringed in Scotland that had to be taken into care and then died.

Left tarsus: **blue** ring with ***white*** code **LJ3**.
Right tarsus: metal ring.
Ringed as a nestling in 2018 at Loch Riddon on the Cowall Peninsula (Argyll and Bute).
Seen Cley Marshes 25/5/20, Wiveton 25-26/5/20.
The bird was found on Arnold's Marsh at Cley Marshes and remained there for some time before flying off SW. It subsequently crashed into a garden pond S of Wiveton. It was seen to be in poor condition but roosted there overnight. Expert advice was sought and it was captured the following morning and then taken into care but, sadly, it died overnight.

Kestrel

One bird ringed in Cambridgeshire was recovered the same year on Blakeney Point. Another ringed as a nestling in Finland in 2011 was found dead at Wiveton later that year. A female fitted with colour-rings as a nestling in Norfolk was recorded on a nest-box camera at Bayfield four years later.

A scheme colour-ringing Kestrels commenced in Norfolk in 2015. A team led by Phil Littler is concentrating on pulli (un-fledged birds), but the RSPCA at East Winch will be colour ringing rescued birds. The birds will have the BTO plus a colour ring on the right leg, plus two colour rings on the left leg.
Phil asks if anyone seeing one of these birds could e-mail him directly on
phil@mal5041.plus.com
and he will reply with details of the bird ASAP.

Left tarsus: **blue** ring over **yellow** ring.
Right tarsus: **orange** ring over metal ring.
Ringed as a female nestling 30/6/16 in a nest-box at East Barsham (north of Fakenham). One of a brood of three.
Recorded by a nest-box camera at Home Farm House, Bayfield 9/4/20. A pair of Barn Owls were in possession of the nest-box and one was present when this colour-ringed female Kestrel entered. After a stand-off there was a fight and the Kestrel evicted. A male Kestrel then entered and was also evicted. The previous year Kestrels had nested successfully in this box and Barn Owls in another box in the house grounds.

Metal ring no. **S319557** (Helsinki)
Ringed as a nestling 14/6/11 at Suodenniemi (Hame, Finland 61 36N 22 52E).
Recovered found freshly dead and reported as probably having been killed by another bird of prey 24/10/11 at Wiveton Marsh.
Distance: 1620km SW.

Standard metal ring
Ringed 14/3/85 at Lode (Cambs).
Recovered 25/8/85 on Blakeney Point (presumably found dead).

Peregrine Falcon

A colour-ringed juvenile was found dead in January 2020. It had been ringed at Cromer church as a nestling the previous year. In addition there are two individuals with red coded rings and one with an orange coded ring have been seen but the code couldn't be read on any of them.

Left tarsus: **orange** ring with **black** code **46**.
Right tarsus: metal ring no.GV17792.
Found dead by the cattleman between Glanford and Bayfield 3/1/20 and taken to Natural Surroundings. Thought to have hit power lines.
Ringed at Cromer church 13/6/19 as one of two males in a brood of three.

Code not read

Left leg: **orange** ring probably with **black** code that couldn't be read.
Seen Cley Marshes 2/9/19.
The bird was thought to have been a juvenile female so possibly the individual with code 45 that fledged at Cromer church. Its siblings were males with codes 44 and 46.

Left tarsus: **red** ring with ***white*** code that couldn't be read.
Seen Cley Marshes 6/9/15 a juvenile.
Seen Kelling 1/12/17 a juvenile.
Photographed Blakeney Point 25/11/20 a juvenile.
Ringed surprisingly these three individuals were possibly ringed in Ireland as this the only scheme listed on the EURING site where red coded rings are used on the left leg. There is a Spanish scheme where it is not specified if the red coded rings are fitted to the left or right leg.

Merlin

The corpse of a bird with falconer's jessies and a **violet** leg-ring with the owner's telephone number was found in the shelter on East Bank, Cley Marshes 19/8/21. It belonged to a falconer in Dereham (Norfolk) and had escaped on its second flight after being spooked by a Buzzard,

Red-legged Partridge

One very uninteresting old record.

Metal ring no. **3077029**.
Ringed 24/03/63 as a full-grown bird at Cley.
Recovered found dead 5/6/63 at Cley.

Grey Partridge

An individual with a Yellow ring on its left leg was present at Cley Marshes during May and June 2020. It is understood that these birds come from a local project where chicks are raised in captivity then released.

Pheasant

One very old uninteresting record.

Metal ring no. **28736**.
Ringed 7/09/29 as a first calendar year male at Kelling.
Recovered found dead 21/11/29 at Kelling.

Moorhen

One bird from Denmark found dead.

Metal ring no. **437127**(Copnhagen).
Ringed 16/09/67 as a first calendar year at Nakskov, (Storstrøm, Denmark 54 49N 11 10E)
Recovered found dead 18/1/69 at Blakeney Point (killed by a domestic animal).
Distance: 700km WSW.

Coot

One colour-ringed bird from Bedfordshire seen and one from France that doesn't come from a normal scheme.

Left leg: ***white*** ring with code **B76**.
Right leg: metal ring no. GR51329
A male.
Ringed as an adult at Blunham Lake (Beds) 17/12/12.
Movements Cley Marshes 21/3/13 to 21/5/13. Seen on a nest but presumed that the nesting attempt failed and that the bird then left the area.
Distance 128km NE.

Left leg: **violet** ring with yellow code **F *09* 100 008 *AVF* A528** where the **09** and **AVF** are both vertically rotated 90 degrees and read from bottom to top.
The ring was fitted upside down.
F is for France, **09** is the year the ring was supplied, **100 008** is the number of the bird, **AVF** is Aviornis France, **A528** is the reference number of the association member who purchased the ring.
Different ring colours are used in different years. **Violet** was used again in 2015.
Right leg: no rings.
Ringing details the ring will have sold by Aviornis France in 2009 to one of its members for ringing birds bred in captivity but it is not known where and when the ring was used and whether the bird was wild or captive.
Movements Salthouse duck pond 28/1/16-25/3/16.
Leg colour and eye colour suggest that the bird was not a full adult and therefore not ringed in 2009 (Kane Brides WWT).

Oystercatcher

The metal ring was read in the field on six birds and another seven were recovered from corpses. All birds but one had been ringed in or close to the Wash. The other one had been ringed in Scotland, in Dumfries and Galloway. A 32 year-old bird ringed as a juvenile and three ringed as adults and at least 26-29 years old were found recently dead on the tideline. A 27-year-old was seen at Cley Marshes with its mate. A bird ringed 27/7/53 on Blakeney Point was recovered in Hampshire on 30/1/57.

Metal ring no. **FA 10730**.
Ringed 4/1/87 at Snettisham as an adult (in at least its third calendar year).
Recovered 22/5/14 at Far Point, Blakeney Point (freshly dead killed by a fox).
An unfortunate end for a bird at the very least 28 years old.
Distance: 37km ENE.

Metal ring no. **FA33000**.
Ringed 18/4/92 as an unsexed adult at Heacham (Norfolk).
Recovered 15/5/16 at Blakeney Point (found dead not fresh).
Distance: 33km E.

Metal ring no. **FA 33216**.
Ringed 24/11/91 as an adult at least 3 years old at Terrington Bund (The Wash, Norfolk).
Recovered found dead 2/4/15 at Cley Marshes on the shingle bank between Arnold's Marsh and Sea Pool.
Distance: 55km ENE.

Metal ring London, no. **FA33303**.
Recovered Blakeney Quay 20/5/20 (found freshly dead).
Ringed as a bird in at least its third calendar year 18/4/92 at Heacham (Norfolk).
Distance: 37km E.

Right leg: Metal ring London, no. **FA33328**.
A male with an unringed mate.
Dates at Cley Marshes: 26/3/18, 3+9/4/18, 2/3/20.
Ringed as a 2cy 4/7/92 at Heacham (Norfolk).
Distance: 40km E.

Right leg: metal ring no. **FA 69485**.
Dates at Cley Marshes: many dates in March and April 2004, code finally read fully on 12/4/04.
Ringed 15/12/96 at Snettisham as an adult.

Right leg: metal ring no. **FA 89254**.
Dates at Cley Marshes: 14+22/4/06 (a female seen mating).
Ringed 10/8/98 as an adult (age 6) at Holbeach.

Metal ring no. **FA 97498**.
Dates at Cley Marshes: 21/7/13 (seen at nest).
The three chicks hatched the following day but none fledged. Thought to be the female of the pair.

Ringed 1/8/01 as an adult (age 6) at Holbeach St Matthew (Lincs).
Distance: 38km E.

Right tarsus: metal ring no. **FJ 01551** fitted upside down.
Dates at Cley Marshes: 29/2/20-16/3/20.
Present for about a week before coming close enough for the ring to be read. With a mate and the female of the pair.
Ringed 28/10/18 as an adult at Snettisham (Norfolk) 28/10/18.
Distance: 41km E.

Metal ring no. **FP49104**.
Ringed 3/7/01 as an unsexed chick at Holme (Norfolk).
Recovered 2/7/16 at Blakeney Point (found dead not fresh).
Distance: 27km E.

Metal ring no. **FP54839**.
Ringed 13/9/08 as an adult at Waterfoot, Annan, Dumfries.
Recovered 10/4/13 at Blakeney Point (freshly dead).
Distance: 357km SE.

Left leg: Metal ring no. **FP62287**.
Dates at Salthouse: 27/2/16 to 19/3/16 by the duck pond, ring number read fully on 6/3. Seen mating and to be a male. A ringed individual seen 1+3/4/16 in a field (Sa13) to the west was probably the same individual. A ringed bird (partial read FP62) seen with an unringed mate 2/3/17 by the duck pond was probably the same individual returning. Full code read again on a bird with an unringed mate by the duck pond 21/3/18 and a partial read on 27/3/18. Photographed at the duck pond on 3/3/19 (all but the first letter seen) and partial read there (FP6) on 26/3/19 with an unringed mate. Present again with a mate and a partial read (FP62) 10/3/21.
Ringed as a 2cy 23/7/05 at Heacham (Norfolk).
Distance: 44km E.

Metal ring no. **FV43665**.
Ringed 14/8/77 as a juvenile at Terrington.
Recovered 21/11/09 at Blakeney Point (freshly dead).
Distance: 51km NE.

Standard metal ring
Ringed 27/7/53 on Blakeney Point.
Recovered 30/1/57 at Southampton (presumably found dead).

Partial reads of metal rings

Right leg: Metal ring London, no. **FH1????**
Photographed: Morston Quay 26/2/21.

Right leg: Metal ring London, no. **??31448**.
Seen: Cley Marshes (Watling Water) 9/3/19.

Avocet

At least 46 different colour-ringed birds have been seen but it has only been possible to trace 33 of them. Six were ringed in Norfolk, six in Cambridgeshire, five in Suffolk, seven in NE England, four in Germany, four in France and one in Spain. Four of the birds traced including the Spanish one have bred in the Square.

Left leg: **black** ring on tibia (or tarsus see below).
Right leg: **red** above metal ring on tibia.
Ringed at Trimley Marshes (Suffolk) as a pullus in 1999. One of 23 ringed with the same combination.
Dates at Cley Marshes: 27/6/05 to 10/7/05 and 30/7/08 to 4/8/08. Also an Avocet seen on 8+14+22/7/02 with this colour combination but with the black ring on the left tarsus and damaged was almost certainly another of these 23 birds.

Left leg: **black** ring over **green flag** on tibia.
Right leg: **black** over **red** (badly faded and appearing pink or even yellow) over **black** rings on tibia and metal no. FS88767 on tarsus.
Ringed as a pullus 30/7/15 at Sene, France (47 37N 02 43W).
Movements Banco de Strado, Muzillac (France 47 30N 02 27W) 21/1/16, Guerande (France 47 18N 02 28W) 12+16/5/16, Banc des Brillantes, Corcept (France 47 17N 02 03W) 4/10/16, Sene 12/3/17, Pegwell Bay (Kent) 21/3/17, Mistley (Essex) 20/3/17, Gibraltar Point (Lincs) 18/4/17, Frampton Marsh (Lincs) 28/4/17, Cley Marshes irregularly14-31/5/17, Orfordness (Suffolk) 10/6/17 and Minsmere (Suffolk) 11/6/17+16/7/17.

Left leg: **black** over **red** rings on tibia.
Right leg: **yellow** above metal ring on tibia.
Ringed 5/7/1993 as a chick at Holme, Norfolk. One of a brood ringed with the same colour combination.
Brood given ring nos ES43671 - .
Dates at Cley Marshes: 27/5/95, 10/7/09, 1/7/11, 20/7/12, 3/8/16 and 19/7/18.
Probable sightings elsewhere
It or one of its siblings seen at the Tamar Estuary (Cornwall/Devon) 24/11/93+13/3/94, Hickling (Norfolk) 17/4/94, Havergate 4/9/94, Titchwell (Norfolk) 30/5/99+24/4/00, 23/3/03 and 10/4/05, Orfordness (Suffolk) 2/7/11, Titchwell 18/4/12 and Brancaster 23/3/15.

Left leg: **green** ring over **orange flag** on tibia.
Right leg: **black** over ***white*** (lightly discoloured yellow) over **black** rings on tibia and metal no. FS96203 on tarsus.
Ringed as a pullus 25/7/13 at Marais de Tasdon, La Rochelle, France (46 09N 01 08W).
Movements Cley Marshes 26/5/17-8/6/17 nested but failed, Titchwell (Norfolk) 20/6/17.

Left leg: **lime** over **dark blue** on tibia.
Right leg: **lime** over **lime** on tibia and metal on tarsus.
Ringed as a chick 19/6/10 at Washington WWT (Tyne & Wear).
Movements Cley Marshes 27/7/10 when seen together with the following sibling.
According to the WWT magazine one of the two was later seen in Cadiz, S Spain 7/10/10.

Left leg: **lime** over **dark blue** on tibia.
Right leg: **lime** over **orange** on tibia and metal on tarsus.

A juvenile seen with the preceding sibling.
Ringed as a chick 19/6/10 at Washington WWT (Tyne & Wear).
Movements Cley Marshes 27/7/10 when seen together with another colour-ringed sibling. According to the WWT magazine one of the two was later seen in Cadiz, S Spain 7/10/10.

Left leg: **lime** over **blue** rings on tibia.
Right leg: **orange** over **orange** rings on tibia metal ring no. EW28898 on tarsus.
Ringed as a chick 28/6/16 at Nosterfield (N of Ripon, N Yorks).
Movements Coalhouse Fort (E Tilbury, Essex) April 2017, Snettisham July 2017, Titchwell August 2017, Cley Marshes 26/5/18-18/9/18.
The bird's two siblings were also colour-ringed and spent their first winter in Lincolnshire. One then went W to Southport (Lancs) and the other N to Teesside.

Left leg: metal ring on tarsus.
Right leg: **red** over **orange** rings on tarsus.
Ringed at Welney WWT
Dates at Cley Marshes: 1+5/4/06, 14/3/07 and 8/4/07.

Left leg: metal ring no.5358087 over **black** over **red** rings on tibia.
Right leg: **green** over **black** over **red** rings on tibia.
Ringed 23/6/16 as an unfledged chick Beltringharder Koog, NW Germany (54 33N 08 54E).
Movements: Harlingen (Netherlands) 15/4/18 and Cley Marshes 3/9/18.

Left leg: metal over **yellow** over **red** over rings on tibia.
Right leg: **red** over **yellow** over **green** rings on tibia.
Ringed 23/6/16 as an unfledged chick Hauke-Haien-Koog, Schleswig-Holstein, Germany (54 41N 08 45E) .
Movements: Cley Marshes then River Glaven Saltmarshes 12/5/17, Den Helger (Balgzandpolder, Noord-Holland, Netherlands 52 55N 04 48E) 20/5/17.

Left leg: **orange** over **blue** rings on tibia.
Right leg: ***white*** over **lime** rings on tibia and metal no. EW43345 on tarsus.
Ringed as a chick at Orfordness (Suffolk) 29/6/14.
Movements Cley Marshes 26/6/15.

Left leg: **red** ring with code **D2** on tibia
Right leg: **red** ring with code **D2** on tibia, metal ring no. EL81887 on tarsus.
A female.
Ringed 10/06/09 as a chick at Dunkirk, Little Downham, 5 miles NNW of Ely (Cambs) on a private scrape.
Movements Cley Marshes 13/4/13-17/7/13 when she nested on an island in Pat's Pool producing at least one chick which was probably taken by a Marsh Harrier on 14/6/13. Returned with her mate to Pat's Pool 19/3/14-26/4/14 and again 25-26/3/17. Then seen Rutland Water 2/4/17 and Grantham (Lincs) 3/4/17.

Left leg: **red** ring with code **D3** on tibia
Right leg: **red** ring with code **D3** on tibia, metal ring no. EL81886 on tarsus.
A male.
Ringed 6/06/09 as a chick at Dunkirk, Little Downham, 5 miles NNW of Ely (Cambs) on a private scrape.

Movements Cley Marshes 7-25/7/09 (with a parent and a sibling), Guerande (Brittany, France) 16/3/10-26/5/10, Cley Marshes 17-27/6/12, Guerande again 24/4/15, 3/3/16, 7/4/16 and 23/12/16, Cley Marshes 12/6/17 and Guerande again 11/1/18, 22/3/18, 7/6/20 and 2/6/21.

Left leg: **red** ring with code **D5** on tibia
Right leg: **red** ring with code **D5** on tibia, metal ring no. EL81884 on tarsus.
Ringed 6/6/09 as a chick at Dunkirk, Little Downham, 5 miles NNW of Ely (Cambs) on a private scrape.
Movements Cley Marshes 7-16/7/09 (with a parent and a sibling). They must have arrived 6/7/09 as a bird with a coded red ring was seen briefly then. Subsequently seen at the Reserve Naturelle de Lilleau des Niges (Les Portes en Ré, France, 46 14N 01 31W) 18/2/10, Dunkirk 1/4/12-9/5/12, Frampton Marshes (S Lincs) 9/5/13, Alkborough Flats (N Lincs) 1/10/13 and Frampton Marshes 8/3/14-31/7/14.

Left leg: **red** ring with code **H4** on tibia.
Right leg: **red** ring with code **H4** on tibia, metal ring no. EL93867 on tarsus.
A female.
Ringed in 2013 as a chick at Dunkirk, Little Downham, 5 miles NNW of Ely (Cambs) on a private scrape.
Movements Cley Marshes 30-31/3/14 and 16/4/14, Orfordness (Suffolk) 4/5/14-14/6/14 when seen with two chicks that were thought to have probably failed to fledge, Welney WWT 27/5/15 and Titchfield Haven NNR (Hants) 6/6/15-21/7/15.

Left leg: **red** ring on tibia with code **H8**.
Right leg: **red** ring on tibia with code **H8**.
Ringed 13/6/10 as a chick at Dunkirk, Little Downham, 5 miles NNW of Ely (Cambs) on a private scrape.
Movements Cley Marshes 1-3/9/10 and 2/4/11 then seen with other Avocets on a breeding island at Orfordness (Suffolk) 17/4/11. Seen at Cley Marshes again 11/7/11.

Left leg: **red** ring on tibia with code **M8**.
Right leg: **red** ring on tibia with code **M8**, metal ring nr.EL93874 on tarsus.
Ringed 30/6/13 as a chick at Dunkirk, Little Downham, 5 miles NNW of Ely (Cambs) on a private scrape. An individual that had been adopted and was then raised successfully by a pair of Oystercatchers. Its two siblings were raised by their parents. The Oystercatchers had their own chicks as well as the adopted Avocet chick.
Movements. First seen to have been adopted 21/6/19 and remained at Dunkirk to 4/8/13. Snettisham (Norfolk) 22/9/13-21/10/13 usually roosting with Oystercatchers, Dunkirk 23/6/14-29/6/14 in the Avocet flock, Snettisham 8/3/15 with Oystercatchers, Dunkirk 7-9/6/15, Snettisham 1/11/15+14/2/16 with Oystercatchers, Dunkirk 15/5/16, Snettisham 16/7/16 with Avocets + 21/8/16, Welney WWT 15/5/17-19/6/17 and seen mating with an unringed Avocet, Snettisham 24/8/17-24/12/17 with Oystercatchers, Dunkirk 9/4/18 apparently paired with an Avocet, Snettisham 8/9/18-10/11/18 with Oystercatchers and Cley Marshes 29/6/19.

Left leg: **red** over **black** rings on tibia.
Right leg: **yellow** above metal ring on tibia.
Ringed 18/6/1993 as a chick at Holme, Norfolk. One of a brood of 4 ringed with the same colour combination. A female.
Brood given ring nos ES43664-7.

Dates at Cley Marshes:
Presumably the same individual that was first seen at Cley Marshes 24/5/96 and then 25/2/98, 28/3/98, 3/3/99 and 11-14/7/02.
In 2003 first seen 2-14/3 then again on 24/5 when seen mating and subsequently seen once on a nest on Pat's Pool so presumed to have failed.
In 2004 seen from 21/3 to 5/7 when she nested on Pat's Pool raising at least one chick that failed to fledge.
In 2005 seen from12/3 to 2/5 when thought to have first attempted to nest on Pat's Pool but failed almost immediately and then might have attempted to nest again close to Cley Marshes but not on the reserve. Then seen again 1/7 to 19/7.
In 2006 returned 10-20/3 but did not attempt to nest on the reserve. Seen again on the reserve 18/6 and 12/7. Then on 13/7 seen at Sea Pool, Salthouse with a single chick that she sheltered while her mate flew up to attack a marauding adult pale phase Arctic Skua. She was, however, back on Pat's Pool 19-23/7 so must have lost her chick.
In 2007 returned again 5/3 and seen to 18/6. She nested by the Serpentine but the site was abandoned before eggs could have hatched.
In 2008 returned 18-19/3 when seen by the Serpentine with her mate. Not seen again until 13-17/5 when seen with her mate at the same location so presumed to have attempted to nest elsewhere and failed. Then went missing again so the pair presumed to have laid a second clutch elsewhere. Seen on the scrapes and lagoons again 21/7 to 1/8.
In 2009 returned for another summer 11-12/3 but then not reported again until 22/4 – 14/5 when she nested unsuccessfully on Pat's Pool.
In 2010 returned to Cley Marshes 5-27/3 also being seen at Salthouse Marshes 15-18/3. Then not seen again until 24/6-26/6.
In 2011 was first seen at Salthouse Marshes 18/3 then at Cley Marshes from 21/3 to 8/4. Presumed to have attempted to breed somewhere in the Cley-Salthouse area but not on the NWT reserve as not seen again until 17/6-25/7.
In 2012 first seen at Cley Marshes on Pat's Pool 1/3-24/4 but thought to have nested elsewhere with her first clutch failing. Not seen again at Cley until 7/6. She laid a replacement clutch on the shingle bank at the east end of Blakeney Point with 3 chicks hatching. She took the chicks to Eye Pool on Cley NWT Reserve 7-19/7. The chicks were predated, one by a Marsh Harrier and another probably by a Black-headed Gull. Last seen on the Serpentine 22/7.
In 2013 returned to Cley Marshes 15/3-17/7 and was also seen at Salthouse 30/3. Her first nest site not found but must have failed as she laid a replacement clutch of four eggs at the east end of Blakeney Point 25/5-20/6 but must have failed again as she was seen at Arnold's Marsh 9/7/13 alone.
In 2014 seen at Cley Marshes 24/3-21/4 on the main scrapes then presumed to have nested off the reserve but failed as she was next seen on10-11/6 at Eye Pool without any chicks.
In 2015 first seen on Pat's Pool 1/3-2/4, moved to Wattling Water the new scrape at Pope's Marsh on 5/4 then seen at Salthouse Marshes 20/4. Next and last sighting of the year was back at Pat's Pool on 27/6 without any youngsters. Subsequently seen at Titchwell on 30/7/15+1/8/15.
In 2016 first seen on Pat's Pool 16/2 her earliest arrival date. Remained there to at least 19/3 then seen at Salthouse Marshes 29/3, Kelling 3/4 to 12/5 also visiting Salthouse Marshes 9/5. She nested on an island in the NOA field at Kelling Quags but the nest was trampled by cows and abandoned on 12/5. Next seen Salthouse Marshes 17/6 so she could have made a second breeding attempt in that area. Seen back at Cley Marshes 4-26/7 without any youngsters.
Probable sightings elsewhere

It or one of its siblings seen at Funton, Kent 14/11/93, Snettisham (Norfolk) 21/4/07+6/4/08, Titchwell (Norfolk) 28/8/14, 30/7/15 and 1/8/15.

Left leg: **red** over **dark blue** rings on tibia.
Right leg: **green** over **black** rings on tibia.
Metal ring no. EY04575.
Ringed as a pullus at the Saline Lagoon, Teesmouth 14/6/12.
Movements: Cley Marshes 3/9/13.

Left leg: **red** over **dark blue** rings on tibia.
Right leg: **black** over **green** rings on tibia.
Metal ring no. EY04638.
Ringed as an individual pullus, the last of the season, at Brinefield 4, Seal Sands (Cleveland) 9/7/14.
Movements: Brownsea Island (Poole Harbour, Hants) 27/3/15, Cley Marshes 19-22/3/16.

Left leg: **red** over **green** rings on tibia.
Right leg: **yellow** above metal ring on tibia.
Ringed 14/7/1991 as a chick at Holme, Norfolk. One of two birds ringed with the same colour combination. They had metal rings beginning ER4394.
Movements: Halvergate (Norfolk) 17/9/91, Minsmere (Suffolk) 23/5/94 and 10/6/94, Hickling (Norfolk) 19/6/94, Minsmere 26/6/94 and 4/8/94, Thornham (Norfolk) 21/8/94, Elmley (Kent) 7/10/94, Amsteldiep (Netherlands) 31/8/97 and 4/9/97, Titchwell (Norfolk) 5/5/98+20/6/98, 5/5/99+4/6/99, 24/4/00-20/5/00, 23/3/03, 27/3/04+26/6/04, 31/3/05, 24/4/06, 10/5/08 and 28/3/09, Cley Marshes: 2/7/09. It is believed that all sightings relate to one individual.

Left leg: **red** over **lime** rings on tibia.
Right leg: **yellow** above metal ring no. ES43676 on tibia.
Ringed 15/7/94 as a chick at Holme (N Norfolk).
Two pulli from the same nest were ringed with this combo. It is presumed that all the following sightings will probably relate to a sole surviving bird with the metal ring no. given above.
Movements: Cley Marshes 4/95, Titchwell (Norfolk) 23/3/03, 5/4/06, 2/6/06 and 2/4/07, Cley Marshes 10/7/09 and 1/7/11, Orfordness (Suffolk) 2/7/11, Cley Marshes 20/7/12, Titchwell 13/3/13 when the metal ring no. was read from photos, 13/4/13 and 5+11/3/15, Cley Marshes 3/8/16 and 20/7/18.

Left leg: ***high white ring*** (stained dull yellow) on tibia with black code **76M**.
Right leg: metal ring no. ICONA 5-013908 on tibia.
Ringed 18/6/96 as an unfledged chick at Veta La Palma, Donana, S Spain. A male.
Movements: seen at Veta La Palma 1/7/96 then no further sightings before being seen at Cley Marshes 22/4/03 and probably again on 18/7/03 (code couldn't be read). Returned to Cley Marshes on 22/4/04, nested on Pat's Pool raising 3 chicks but not known how many fledged. Last seen that year 17/6/04. Returned again to Cley Marshes 31/3/05 to 20/7/05 (nested on Pat's Pool but virtually all chicks and eggs in this breeding colony wiped out by a Grey Heron). Did not return in Spring 2006.

Left leg: ***white*** (stained pale yellow) over **blue** rings on tibia.
Right leg: **blue** over yellow rings on tibia.

Metal ring no. EY98229
Ringed 15/6/16 as a chick at Greenabella Marsh, Seal Sands, Cleveland.
Movements: Fareham (Hants) 22/5/17, Farlington Marshes (Hants) 16+18/4/18, Frampton Marsh (Lincs) 31/5/18, Cley Marshes 27/5/19-1/6/19 and 19/8/19.

Left leg: ***white*** (stained pale yellow) over **blue** rings on tibia.
Right leg: **green** (stained black) over **black** rings on tibia, metal ring no. EY98075 on tarsus.
A male.
Ringed 10/6/15 as a chick at Long Drag, Seal Sands, Cleveland.
Movements: Alkborough Flats (N Lincs) 22/6/17, Cley Marshes 6/7/18-29/8/18, O Burgo Estuary (Culleredo, La Coruna, Spain) 20/10/18 and Cley Marshes 18/4/19-1/6/19 (nested but egg taken by a Coot, then suffered injury to left leg).

Left leg: ***white*** over **orange flag** on tibia
Right leg: **orange** over **green** over ***white*** on tibia.
Metal ring no. FS96055.
Ringed 29/6/12 at Les Moines, Ars-en-re, France (46 13N 01 30W).
Movements: Reserve Naturelle de Sene (France 47 37N 02 44W) 29/8/12, Brown Sea Island (Poole, Dorset) 25/9/12, Titchfield Haven (Hants) 22+24/6/13, Cley Marshes 24/3/14 Titchfield Haven 13/4/14-23/6/14, Brown Sea Island (Dorset) 9/7/14, Titchfield Haven 25/5/15, 26/3/16-11/6/16 and Ars-en-re 9/5/17.

Left leg: **yellow** ring (sometimes stained orange) on tibia.
Right leg: **red** above metal rings on tibia.
Ringed at Trimley Marshes (Suffolk) as a pullus in 1997. One of 16 ringed with the same combination.
Dates at Cley Marshes:
Almost certainly the same individual was first seen 24/4/04 to 9/6/04 (nested on Pat's Pool raising 1 chick that failed to fledge).
Seen again 16/4/05 to 17/8/05 (nested on Pat's Pool but virtually all chicks and eggs in its breeding colony predated by a Grey Heron).
Returned to Cley Marshes 10/3/06 – 1/4/06 but did not attempt to nest on the reserve.
In the following three years it was only seen at Cley 17/6/07-7/7/07 and 26/6/09-21/7/09 presumably after it had attempted to breed elsewhere.
Seen again at Cley 26/4/10 to 4/5/10 then 23/6/10 to 9/7/10 when found to be sitting on eggs on an island in Simmond's Scrape (presumably a second clutch after failing with its first). The eggs appeared to have been taken by a stoat on 11/7/10. Seen to 27/7/10.

Left leg: tall **yellow** ring with two horizontal **black bands** on tibia.
Right leg: **yellow** over **black** over ***white*** (lightly stained yellow) rings on tibia.
French Code Y11/YNW
Metal ring no. FS88593 on right tarsus.
Ringed 3/6/14 at Saline Neuve, Batz-sur-Mer, France (47 17N 02 29W) as a pullus.
Movements: Saline Neuve 18/6/14, Sene (France 47 37N 02 43W) 9/7/14, Sarzeu (France 47 32N 02 44W) 26/8/14+10/9/14, Muzillac (France 47 30N 02 27W) 15/9/14, Sarzeu 19/10/14, Tour-du-Parc (France 47 32N 02 38W) 5/2/15, Sene 18/3/15, Tour-du-Parc 9/1/16+11/2/16, Minsmere (Suffolk) 28/3/16, 15+18/5/16, Southwold (Suffolk) 9/6/16, Cley Marshes 14/6/16, probably Titchwell 16/6/16 (recorded as Y11/YNY), Cley Marshes 26-30/7/16, Cantizac (Sene, France 47 38N 02 45W) 28/2/17 and Cley Marshes 22/3/17.

Left leg: **yellow** over **green** over **black** rings on tibia.
Right leg: **black** over **red** above metal ring no. 5220350 on tibia.
Ringed as an adult 4/9/96 at Fahretofter, Westerkoog, Germany.
Movements: Pancas, Tejo (Portugal) 13/2/97 and Cley Marshes 22/4/03.

Left leg: **yellow** over metal rings on tibia.
Right leg: **yellow** above **green** ring on tibia.
Ringed 24/6/00 as a chick in NW Norfolk.
Movements: Cley Marshes 5/8/00, Two Tree Island (Essex) 23/4/02 when thought to have nested and Cley Marshes 18/7/03.

Left leg: **yellow** over **red** over **yellow** rings on tibia.
Right leg: **yellow** over **dark blue** above metal rings on tibia.
Ringed 25/6/97 as a pullus at Friederichskoog, near Marne, Dithmarschen, Schleswig-Holstein (Germany).
Dates at Cley Marshes: 29/7/99.

Left leg: **yellow** ring over ***white*** ring stained yellow and brown with black code **X** on tibia.
Right leg: **yellow** ring over **blue** ring stained black on tibia.
Ringed as a pullus 9/6/17 at la Saline Neuve, Mesquer, France (47.4N 02.4W).
Movements: nearby at La Coyee (Asserac) 16/6/17 then Moeze-Oleron Reserve (France 45.9N 01.1W) 11+29/11/17, Guerande (France) 11/5/18, Sene (France 47.6N 02.7W) 20/3/19+3/4/19+16/4/19, Rochefort (France 45.9N 01.0W) 16/7/19 and Cley Marshes 27-30/7/21.

Left leg: **yellow flag** with black code **BZ** on tibia.
Right leg: **yellow** ring on tibia.
Metal ring no. EW43447.
Ringed as a chick at Orfordness (Suffolk) 11/6/17.
Movements: Orfordness 25/6/17, Hollesley Marshes (Suffolk) 29/3/18, Orfordness 23/6/18, Minsmere (Suffolk) 14+28/4/18 and 10/8/18, Orfordness 14+28/4/19, Cley Marshes 15-20/7/19, Minsmere 27/7/19, Halvergate Island (Suffolk) 18/8/19+1/9/19 and Huntspill (Somerset) 30/1/20.

Left leg: **yellow flag** with black code **CF** on tibia, metal ring no. EW43474on tarsus.
Right leg: **yellow** ring on tibia.
Ringed as a chick at Orfordness (Suffolk) 3/6/18.
Movements: Remained at Orfordness to 16/6/18 then Cley Marshes 6-25/7/18 and Titchwell 26/7/18.

Colour-ringed bird (combination not given)
Ringed May 1991 as an adult female in Schleswig-Holstein (N Germany).
Movements: Denmark August 1991, Cley Marshes February 1992, Schleswig-Holstein March-April 1992 and Denmark December 1992.

Untraced birds

Left leg: **dark blue** ring on tarsus.
Right leg: no rings, tarsus fractured just below the joint.
Dates at Cley Marshes: 19-24/12/04 and 3-6/1/05.

Left leg: **dark green** ring on tarsus.
Right leg: **orange** above metal ring on tibia.
Dates at Cley Marshes: 28/2/03 and 16/4/03

Left leg: metal ring on tarsus.
Right leg: tight **black ring** on tarsus.
Dates at Cley Marshes 1/7/06

Left leg: metal ring on tarsus.
Right leg: **red** ring on tarsus.
Dates at Cley Marshes: 5/4/04, 21-22/6/05, 30/6/05 and 18/7/05.

Left leg: **orange** ring on tibia.
Right leg: metal ring on tibia, very tall **dark black-grey** ring on tarsus.
Dates at Cley Marshes: 5/4/04.
Could be the same as the next two birds listed.

Left leg: **orange** over **black** rings on tibia.
Right leg: ***white*** (stained flesh coloured) ring on tibia.
Dates at Cley Marshes: 14/3/04.

Left leg: **orange** over unknown ring stained black on tibia.
Right leg: **red** over **black** rings on tibia rings on tibia, metal ring on tarsus.
Seen Cley Marshes 28-30/6/18.
Can't be OB-RN as this combo had been allocated but not used then.

Left leg: **red** ring (appeared orange-red) on tibia
Right leg: metal ring on tibia.
Dates at Cley Marshes: 6/7/09.
Might have been the next bird listed (with the tarsus ring under water).

Left leg: **red** ring on tibia.
Right leg: metal ring on tibia, very tall **black** ring on tarsus.
Dates at Cley Marshes: 13/7/09.

Left leg: ***white*** over **blue** rings on tibia.
Right leg: **green** over ***white*** over **blue** on tibia.
Ringed Does not match any scheme listed in the IWSG database
Movements: Cley Marshes 19/3/17.

Left leg: **yellow** over **green** rings on tibia.
Right leg: **lime** over **green** rings on tibia.
Metal ring no. on right tarsus.
A male (breeding behaviour).
Ringed Does not match any scheme listed in the IWSG database (would have matched a French scheme if there had been an O engraved on the lower left tibia ring but there certainly wasn't one).

Seen: Cley Marshes 8/5/16-3/6/16. The bird was seen sitting on eggs on an island in Pat's Pool 11/5 but it is presumed that the chicks were predated by the resident Marsh Harriers as were all others on the scrape at that time.

Left leg: **yellow** over **red** rings on tibia.
Right leg: **yellow** over **green** rings on tibia.
Ringed Does not match any scheme listed in the IWSG database .
Seen: Cley Marshes 2/7/16.

Left leg: **yellow flag** with black code that could not be read on tibia.
Right leg: **yellow** ring on tibia.
Seen: Cley Marshes 10+13/7/20.

Little Ringed Plover

Just one colour-ringed bird that came from Gloucestershire.

Left leg: **yellow ring** on tibia **orange ring** (looked red) on tarsus
Right leg: **yellow ring** on tibia **yellow ring** on tarsus
Ringed 31/8/04 as a first calendar year at Cotswold Water Park (Gloucs SU031961).
Movements: Cley Marshes 20/9/04 and Stiffkey Fen 17/10/04.

Ringed Plover

Seven colour-ringed birds have been seen where the full combination was read and the birds traced. All came from a study at Snettisham that is giving a fascinating insight into Ringed Plovers' breeding success and mate fidelity (or rather lack of it in one case at least!). Three of these birds have attempted to breed at The Marrams along Blakeney Point. A further three birds that couldn't be traced (probably because not all rings were seen) also may have come from this scheme. Four flagged birds ringed in Norway have been seen on autumn migration. The code could not be read on the flag for one of these birds.

Left leg: **black** over metal rings on tarsus
Right leg: **red** on tibia and **black** over ***white*** rings on tarsus.
Ringed 29/7/06 as a chick at Snettisham.
Movements: Cley Marshes 26/4/07.

Left leg: **black** over metal rings on tarsus
Right leg: **yellow** (faded) ring on tibia and **blue** (faded) over **red** rings on tarsus.
Metal ring no. NV94369.
Ringed 28/6/99 as a chick at Snettisham. A female.
Movements: Seen on breeding territory at the Marrams, Blakeney Point 21/4/03-6/7/03 and thought from behaviour to have had chicks. Seen at the same breeding area 16/5/04, 29/5/05 and 5/5/06 each time paired with a displaying male. Seen on the beach with two other Ringed Plovers 1km west of Cley Coastguards 12/3/07. Seen on Pat's Pool, Cley Marshes 3/9/08. Seen on the beach just under 1km W of Cley beach car park with its mate 8/4/11; in a similar spot again 4/5/12, 4/8/12+13/8/12(behaving as if it had young); then again 7/6/13-17/7/13 (seen sitting on eggs) and 1/4/14 (paired).
Birds seen on Blakeney Point 17/4/01 and at Cley Marshes 26/7/06 (tibia ring not seen) with the blue ring reported as being **pale blue** might well have also been this individual.

Left leg: **green** over metal rings on tarsus
Right leg: **red** on tibia and **green** over **yellow** rings on tarsus.
A male.
Ringed 27/6/08 as a chick at Snettisham.
Movements: Orfordness (Suffolk) 21/8/08 and Cley Marshes 20/3/09-12/6/09 (nested near Eye Pool 3-7/5 but failed).

Left leg: **lime** over **green** rings on tarsus
Right leg: **red** on tibia and **blue** over metal rings on tarsus.
Ringed 30/7/04 as an adult breeding female at Snettisham.
Movements: Trapped on the nest when paired with a colour-ringed male. They hatched 3 chicks that probably didn't fledge. They were last seen on 8/8/04. Interestingly this was the male's second breeding attempt of the year – it had raised 4 chicks with a different colour-ringed female in June. Our female was then seen at Arnold's Marsh, Cley Marshes on several dates from 20/3/05 to 3/7/05. There was no evidence of her breeding at Cley Marshes and she did not return to Snettisham. Her mate of 2005 returned to Snettisham breeding with yet another colour-ringed female. Our female returned to Arnold's Marsh again 19/3/06 and was regularly seen until 28/4/06 (possibly paired) before appearing back at Snettisham 15/5/06.

Left leg: **tall red** ring on tibia and metal ring no. Stavanger **8A56134** on tarsus.
Right leg: **yellow flag** with black code **AEV** on tibia.
Ringed 16/8/10 as a first calendar year Makkevika, Giske, Moere & Romsdal, (Norway 62 30N 06 02E).
Movements: Cley Marshes 10+13/9/10 and probably 20/9/10 (code couldn't be read).
Distance: 1101km SSW.
The breeding birds in Southern Norway are said to lie within the zone of intergradation between the nominate and the *tundrae* races. It was, however, ringed in an area where few Ringed Plovers breed and in August when migrants from further north would be passing through. The recorded weight of 48.2g and wing length of 113mm when ringed appear to be very low for this species (possibly suggesting *tundrae*) but it was a bird of the year.

Left leg: **red** ring on tibia and metal ring no. Stavanger **8A56437** on tarsus.
Right leg: **yellow flag** with black code **HUY** on tibia (second letter had mud on it but this is the only letter that fits what was seen and the bird's age).
Ringed 15/8/13 as a first calendar year Makkevika, Giske, Moere & Romsdal, (Norway 62 30N 06 02E).
Movements: Cley Marshes 1/9/13.
Distance: 1101km SSW.

Left leg: **red** ring on tibia and metal ring no. **8A56711** Stavanger on tarsus.
Right leg: **yellow flag** with black code **JCX** on tibia.
Ringed 24/8/13 as a first calendar year Makkevika, Giske, Moere & Romsdal, (Norway 62 30N 06 02E).
Movements: Cley Marshes 1+11/9/13.
Distance: 1101km SSW.

Left leg: **red** ring on tibia and metal ring on tarsus.
Right leg: **yellow flag** with black code that could not be read on tibia.

Ringed at Makkevika, Giske, Moere & Romsdal, (Norway 62 30N 06 02E).
Movements: Cley Marshes 13+21/4/14 and 6/6/19(probably race *tundrae*).
Distance: 1101km SSW.
Most of these birds are caught in mist nets at night on low tide and are youngsters. They have recoveries in the breeding season from N-Norway, N-Sweden and N-Finland and in winter from Senegal (3), Sierra Leone (1) and Ghana (2).

Left leg: ***white*** over metal rings on tarsus
Right leg: **yellow** on tibia and **lime** over **red** rings on tarsus.
Ringed 22/6/00 as a chick at Snettisham/Heacham.
Movements: Salthouse 30/4/07 paired with a male. This appears to be the only sighting since being ringed. Never seen back in its natal area.

Left leg: **yellow** over metal rings on tarsus
Right leg: **yellow** on tibia and **lime** over **blue** rings on tarsus.
Ringed 19/7/99 as a pullus at Snettisham. A male.
Movements: Seen on breeding territory at the Marrams, Blakeney Point 11/4/03-6/7/03 and raised at least one chick. Returned to the same breeding area 8/3/04-16/5/04, 10/4/05 – 30/5/05, 23/4/06-5/5/06, 23/2/08 and 23/7/08. It was paired each year, appeared to have nested in 2004 and its female was seen on a nest in 2005. In 2008 it was first seen paired up and taking part in a group display "lek" with three other pairs. Three pairs nested but failed to produce any young at this site. On the second occasion it was paired and behaving as if thinking about nesting again. Returned again to the Point being seen paired with a female on the shingle beach at the Hood 27/2/09.

Left leg: **yellow** over **blue** rings on tarsus
Right leg: **red** on tibia and **blue** over metal rings on tarsus.
Ringed 6/7/04 as a pullus at Snettisham. A female.
Movements: Seen paired on breeding territory at the Marrams, Blakeney Point 25/4/05.

Metal ring no. 80539064 (DDH).
Ringed as an adult male 24/5/80 at Greifswald, Mecklenburg–Vorpommern, (Germany 54 06N 13 24E).
Recovered found sick at Salthouse Heath 17/2/86.
Distance: 824km W.

Untraced birds

Left leg: **black** over metal rings on tarsus
Right leg: **pale blue** over **red** rings on tarsus.
Seen*:* Cley Marshes 26/7/06
A small dark individual possibly of the race *tundrae*. The tarsi rings are consistent with the scheme used at Snettisham but if it had been ringed there then it would also have had a tibia ring fitted.

Left leg: **red** over ***white*** rings on tarsus
Right leg: ***white*** over metal rings on tarsus.
Dates at Cley Marshes: 11+13/3/05.

No tibia rings could be detected in the field or on photos. A bird ringed at Snettisham with the above combination plus a red ring on the right tarsus was seen back at Snettisham in 2005. It may well have been this bird with the tibia ring continually hidden from view.

Left leg: no rings
Right leg: ***white*** ring (that appeared to be stuck just below the joint) above metal ring on tarsus.
Seen Cley Marshes 9/3/11.

Golden Plover

A bird seen at Cley Marshes in the winter of 2011-12 had been trapped on its nest in northern Sweden and fitted with a combination of colour-rings, a flag and a light-logger. It was retrapped on its breeding grounds in 2012 but unfortunately the logger had failed. It was then seen at Cley Marshes again in 2014. There is a very old record from 1929 of a chick ringed on Iceland then found two and a half months later at Salthouse.

Left leg: **yellow flag** on tibia, ***white*** over **blue** rings on tarsus
Right leg: ***white*** ring on tibia with black light-logger attached, metal ring on tarsus.
Ringed 23/6/11 as a breeding adult male in at least its third calendar year at Ammarnäs, South Lapland, Sweden (65 deg 59min N, 15 deg 58 min E).
Movements: He was incubating a clutch of four eggs. The nest was predated on 27/6/11 by an unknown predator. Then seen at Cley Marshes 18/11/11-19/1/12. He was re-trapped on his breeding grounds in 2012 but unfortunately the logger had failed and was removed. He was seen again on his breeding grounds in 2013 and was thought to have bred. He was next seen at Cley Marshes again 4/11/14 + 16/12/14.

Metal ring no. A5378 (DKV).
Ringed as a chick 5/7/29 at Sandur, Adaldaelahr, Husavik (Suður-Þingeyjarsýsla, Iceland 66 03N 17 16W).
Recovered at Salthouse 21/9/29.
Distance: 1778km SE.

Lapwing

One colour-ringed bird that came from the Hebridean island Islay. In this scheme for ringing chicks the upper left ring gives the field, the lower left the brood and the upper right the individual. Five birds fitted with colour-rings and a flag came from another British scheme run by the RSPB monitoring the breeding success of waders in the Broads. Another with a coded lime flag will also have come from the Broads. Several other colour-ringed individuals have been seen but it has not been possible to trace them usually because the full combination of rings or the flag code was not read. One of these birds will have been ringed in the Netherlands. There is one record of a metal-ringed bird from Southern Sweden found dead at Cley in 1970.

Left leg: **Blue** ring on tibia, ***White*** over **Black** rings on tarsus.
Right leg: **Lime flag** on tibia, **yellow** over metal ring no. DE83537 on tarsus.
Ringed 6/6/13 as a nearly fledged chick at Hashims near Berney Marshes RSPB (Norfolk Broads).

Movements: Cley Marshes 4/8/15 and 13/7/17.

Left leg: **Lime** ring on tibia, **Blue** over **Black** rings on tarsus.
Right leg: **Lime flag** (missing from 4/9/19) on tibia, **yellow** ring (first noted as missing 12/7/18) over metal ring on tarsus.
Ringed as a chick in 2014 at Berney Marshes RSPB Reserve (Norfolk).
A male.
Movements: Cley Marshes 2/9/17, 26/1/18-13/2/18 and 5/4/18-9/5/18 when seen to be a male displaying and nest scraping. Next seen with his mate and three chicks 8+13/6/18. Seen again but alone on 9+12/7/18. A male with a lime flag on the right tibia, blue left tarsus ring and no right tarsus colour-ring seen distantly at Cley Marshes in the same nesting area on 21-22/5/19 (possibly with chicks) and then later on brooding two chicks on 10/7/19 is thought to have probably been this bird returning. Seen in a flock on Pat's Pool at Cley Marshes 4/9/19 and again 25/2/20. Next seen with his mate and four chicks by the Serpentine at Cley Marshes 21/5/20 but the chicks were all lost by 28/5/20, seen to 17/7/20. Present at Cley Marshes again 6/5/21- 28/7/21 being seen with a nearly full-grown youngster 28/7/21.

Left leg: **Orange** ring on tibia and metal ring no. 1588600 on tarsus.
Right leg: ***White flag*** on tibia with black code **FV.**
Code read in the field read as PV (by both observers totally independently) but this code has not been used and the scheme coordinator established that FV is the only likely misread.
Ringed as an adult breeding female 8/4/20 at Westeinde Nature Reserve. Leidschendam-Voorburg, (NE of Den Haag, The Netherlands 52 07N 04 28E).
Movements: Westeinde 15/5/20, Cley Marshes 25+30/10/21.
c300 adults and chicks have been ringed in this project since 2014 and the scheme coordinator said that he had not yet had a confirmed sighting outside the Netherlands with the code on the flag read.
Left leg: **Red** ring on tibia, **Red** over **Black** rings on tarsus.
Right leg: **Orange flag** on tibia, **Orange** over metal rings on tarsus.
Ringed as a chick 4/5/17 at Berney Marshes RSPB Reserve (Norfolk) and a sibling of the following bird.
Movements: Cley Marshes 25/1/18.

Left leg: **Red** ring on tibia, ***White*** over **Black** rings on tarsus.
Right leg: **Orange flag** on tibia, **Orange** over metal rings on tarsus.
Ringed as a chick 4/5/17 at Berney Marshes RSPB Reserve (Norfolk) and a sibling of the previous bird.
Movements: Cley Marshes 19/9/17.

Left leg: ***White*** ring on tibia, **Yellow** over **Black** rings on tarsus.
Right leg: **Orange flag** on tibia, **Orange** over metal rings on tarsus.
Ringed 4/5/17 as a newly hatched chick at Berney Marshes RSPB Reserve (Norfolk).
Movements: Cley Marshes 22/2/18.

Left leg: **yellow** over **yellow** rings on tarsus
Right leg: **red** over metal rings on tarsus.
A female.
Ringed 24/5/97 as a fledgling at Loch Gruinart, Islay, W Hebrides.
Movements: returned to Loch Gruinart in 1998 and bred successfully raising a single chick. Then seen at Cley Marshes 3/3/99.

Metal ring no. 6033108 (Stokholm).
Ringed as a chick 25/5/62 at Vellinge, (Skåne, Sweden 55 28N 13 01E).
Recovered found dead at Cley 15/9/70.
Distance: 827km WSW.

Code/combination incomplete

Left leg: **Lime** ring over **Red** ring on tibia, **Green** ring on tarsus.
Right leg: **Lime flag** on tibia, metal ring on tarsus.
Seen Cley Marshes 10/7/19 (brooding 2 chicks)
Ringed probably as a chick at Berney Marshes RSPB Reserve (Norfolk).
A male.

Left leg: **lime flag** on tibia with black code that couldn't be read.
Right leg: **yellow** ring on tibia.
Ringed in the Norfolk Broads.
Seen: Cley Marshes 26/6/09.

Left leg: **Orange** ring on tibia and metal ring on tarsus.
Right leg: ***White flag*** on tibia with black code read as **PV** on both dates by independent observers but this code has not been used and was probably either **EV** or more likely **FV**.
Seen Cley Marshes 25/10(DPW).
Ringed in Zuid-Holland, The Netherlands.
c300 adults and chicks have been ringed in this project since 2014 and the scheme coordinator said that he had not yet had a confirmed sighting outside the Netherlands with the code on the flag read.
Movements: Cley Marshes 25+30/10/21.

Left leg: **Pale blue** ring on tibia and ***White*** ring on tarsus.
Right leg: **Orange** on tibia and **Lime** ring on tarsus.
Seen Cley Marshes 16/10/13.
Couldn't be traced.

Left leg: **Royal Blue** over metal rings on tibia.
Right leg: **Lime flag** on tibia.
Tarsi in the water.
Seen: Cley Marshes 7-8/10/14.

Left leg: ***White*** over **dark Blue** rings on tarsus.
Right leg: **Orange** ring on tarsus.
Seen: Cley Marshes 7/10/14.

Left leg: ***white flag*** on tibia with black code that couldn't be read.
Right leg: **red** ring on tibia.
Seen: Cley Marshes 6/10/14.

Left leg: **Yellow** ring on tibia, metal ring on tarsus.
Right leg: ***White*** ring on tibia, no ring on tarsus .
Seen: Cley Marshes 3/2/17.

Left leg: **yellow** ring on tibia, **?** over **black** rings on tarsus.
Right leg: **lime flag** on tibia, **?** ring on tarsus .
Tarsi covered in mud.
Ringed in the Norfolk Broads.
Seen: Cley Marshes 21/7/16.

Knot

Two birds fitted with a combination of colour-rings and a flag that were ringed in the Netherlands have been seen. Another individual that had a coded flag and a colour-ring was ringed in N Scotland

Left leg: **Red** over **Yellow** rings over **Lime flag** on tarsus.
Right leg: metal on tibia and **Yellow** over **Red** rings on tarsus.
Ringed 11/8/10 at De Richel (Netherlands 53 17N 05 08E).
Movements: Griend (Netherlands 53 15N 05 16E) 27/8/10 + 9/10/10, De Richel 9/8/11, Griend 17/9/11, 24/9/11+6/3/13, Cley Marshes 10/7/13.

Left leg: **Blue** (faded grey) over **Yellow Flag** over **Yellow** on tarsus.
Right leg: metal on tibia and **Yellow** over **Red** on tarsus.
Ringed 24/7/01 De Richel (N Netherlands 53 17N 5 08E).
Movements: De Richel 26/7/01 and 29/8/02, Engelsmanplaant (N Netherlands 53 27N 6 03E) 16/8/05 and Cley Marshes 6/5/07.

Code/combination incomplete

Left leg: **Orange** flag with code that could not be read over **Yellow** ring on tarsus.
Right leg: metal ring on tarsus.
Seen Cley Marshes 23/6/21.
The scheme coordinator said that individuals with yellow rings below the coded flag have been ringed by the Highland ringing group in Scotland and that the flag has a 3-letter code starting J. He also seems to say that at the time this bird was seen only one set of catches had been made and that these were on 11/2/21 at Nigg (Easter Ross). An individual from these catches JPP was seen at Frampton Marshes (Lincs) on 21/6/21.

Left leg: possibly **Yellow** over metal over ***White*** on tarsus.
Right leg: **Red** over **Yellow** on tarsus.
Tibia not seen (hidden).
Seen Cley Marshes 23-24/1/13.

Sanderling

Two colour-ringed and flagged birds that were ringed in Ghana have been seen on Blakeney Point. There was another similar individual seen at Salthouse that will have been ringed in Greenland but one of the rings could not be seen. Two metal-ringed birds from the Wash have been found dead on the Point.

Left leg: **Green** over **Red flag** over **Red ring** on tarsus.
Right leg: metal ring no. B03892 on tibia and ***White*** over **Red** on tarsus.

Ringed 24/10/09 near Asenko (Ghana 04 55N 02 19W).
Movements: Amansure river mouth (Ghana 04 56N 02 23W) 9+20/11/09 and Blakeney Point 10/8/10.

Left leg: **?** over **Red ring** on tarsus.
Right leg: **Red ring** over **Blue flag** over ***White ring*** on tarsus.
Ringed in Greenland.
Movements: Salthouse 24/8/20.

Left leg: **Yellow** over **Green** on tarsus.
Right leg: metal ring no. B03703 on tibia and ***White*** over **Red flag** over **Yellow** on tarsus.
Ringed 23/1/09 at Asenko (Ghana 04 56N 02 21W).
Movements: Stayed in the Esiama to Asenko area to 26/3/09, W of Holme 27/5/09, Blakeney Point 24/7/10 and 1/8/10.

Birds with metal ring only

Metal ring no. **NT 88718**
Ringed Heacham (Norfolk) 10/9/10 as an adult.
Recovered found dead (probably predated, only the legs left) 31/10/13 on the beach at Blakeney Point.
Distance: 34km E.

Metal ring no. **BT 51411**
Ringed at Snettisham (Norfolk) 5/10/13 as a first calendar year.
Recovered found dead (appeared starved) 31/10/13 on the beach at Blakeney Point.
Distance: 36km ENE.

Little Stint

A bird ringed in Norway in 1990 was found dead at Cley Marshes 26 days later and another colour-ringed at the same location was seen also seen at Cley in 2013.

Colour ring combination incomplete
Left leg: **Red** over metal rings on tarsus.
Right leg: **Yellow** ring on tarsus that will have had a 3-letter code that couldn't be seen.
Aged as a juvenile.
Ringed Makkevika, Giske, Moere & Romsdal, (Norway 62 30N 06 02E).
Seen Cley Marshes 30/8/13.

Birds with metal ring only

Standard metal ring.
Ringed at Makkevika (Norway) 29/8/90.
Found dead: Cley Marshes 24/9/90.

Curlew Sandpiper

Colour ring combination incomplete

Left leg: **red** ring on tibia.
Right leg: **yellow flag** with black code that could not be read on tibia.
Ringed probably at Makkevika, Giske, Moere & Romsdal, (Norway 62 30N 06 02E) but birds are also now ringed at three other Norwegian ringing stations under this scheme.
Seen: Cley Marshes 6/10/17.
Distance: 1101km SSW.

Left leg: metal ring on tarsus.
Right leg: **yellow flag** on tibia, no code noticed.
Ringed possibly at Makkevika, Giske, Moere & Romsdal, (Norway 62 30N 06 02E) but all these birds should also have a Red ring on the left tibia and a 3-letter code on the flag.
Seen: Cley Marshes 9/9/14.

Dunlin

A bird fitted with a coded white colour-ring in Poland was seen at Cley Marshes. Another fitted with a combination of colour-rings in Spain was seen just a week after ringing also at Cley Marshes.

Left leg: metal ring no. T085750 ESI on tibia.
Right leg: **lime** ring on tibia, ***white*** over **lime** over **yellow** rings on tasus.
Ringed 3/05/13 as a second calendar year at Rouxique, Sanxenxo (Pontevedra), NW Spain (42 27N 08 51W)
The right tibia ring was not seen but only two combos were possible this bird and one with a red ring on the right tibia that was ringed at the same location 11/3/11 as a second calendar year and then seen overwintering in NW Spain 3/12/11-14/1/12 and 24/11/12-10/1/13. The ringer thought that a bird overwintering in Spain should not be on migration in Norfolk in May but that a bird wintering in Africa was likely to break a northwards journey in Spain then Norfolk in May.
Movements: Cley Marshes 10/5/13.
Distance: 1382km NNE.

Left leg: metal ring
Right leg: ***White*** ring with code **1SR**.
Ringed as a first calendar year 26/8/16 at Vistula Mouth, Ujscie Wisly, Gdansk-Swibno, Pomorskie, Poland (54 22N 18 57E).
Movements: Blakeney Point 8/9/16.
Distance: 1186km W.

Left leg: metal ring no JT32721 Gdansk.
Right leg: ***White*** ring with code **2TO**.
Ringed 8/9/11 as a bird in at least its second calendar year at UjscieWisly, Gdansk Swibno, Pomorskie, Poland (54 22N 18 57E).
Movements: Cley Marshes 2/2/12.
Distance: 1190km W.

Ruff

Twelve Dutch-ringed individuals have been seen. Birds in this scheme are fitted with a flag that can be fitted on either tibia or either tarsi and two colour-rings on each tarsus. The exact position of the flag (relative to the colour-rings if on a tarsus) is an important part of the combination. Very few Ruff breed in the Netherlands now and most of these birds breed much further north. One of the individuals seen in the Square has been seen on its breeding grounds in Arctic Norway. One of the most extraordinary things revealed by this project is the existence of small cryptically plumaged males that imitate females. This is a sneaky way to try to get a mate that is fraught with danger. One such colour-ringed individual was photographed being mated by a male! The project manager had to double-check the blood sample DNA to confirm that it was a male and not a female.
A Scottish-ringed bird with a coded flag has also been seen but the code couldn't be read.
An adult ringed at Cley in 1959 was trapped and killed the following year in Russia.

Left leg: **Blue Flag** on tibia, **Red** over ***White*** (can be stained yellow or brown) ring on tarsus.
Right leg: metal ring on tibia, **Blue** over **Red** rings on tarsus.
Plumage adult male with remnants of black breeding plumage on breast and wings when first seen, bill 15-20% orange, small moustache and yellow legs.
Ringed as an adult male 14/4/08 Molkwerum, Schuilenburgster-en Noorderpolder (N Netherlands 52 55N 05 25E).
Movements: Wintered at Cley Marshes 4/9/08-29/3/09 also visiting Salthouse Marshes on 19/11/08 and Kelling Water Meadow 3/2/09. Seen to have a bad limp with its right leg from 23/2/09.
Wintered again at Cley Marshes 10/8/09-20/3/10. It was still limping at first but then got progressively better until 9/11/09 when seen limping badly again. Had fully recovered again by 18/1/10. Also visited Salthouse Marshes on 10-11/2/10 and Blakeney Freshes on 25/2/10. Then seen on passage in the Workum/ Gaast area (N Netherlands 53 00N 05 25E) 25-26/3/10.

Left leg: **Blue Flag** on tibia, **Blue** over ***White*** (stained yellow) rings on tarsus.
Right leg: metal ring no 1522192 on tibia, **Yellow** over **Blue** rings on tarsus.
Plumage adult male with black and white breeding plumage.
Ringed 14/3/08 as an adult male 14/3/08 at Workum, Netherlands (52 59N 05 24E).
Movements: Thornham (Norfolk) 22/2/09, Stavoren (Netherlands 52 54N 05 23E) 25/3/09 -/and 11/3/10-15/4/10, Titchwell (Norfolk) 7-14/7/10, Hindeloopen-Stavoren 19/3/11-15/4/11, Titchwell 7/2/12, Hindeloopen-Stavoren 29/3/12-13/4/12 and Cley Marshes 8/7/12.

Left leg: **Blue** over **Yellow Flag** over **Red** on tarsus.
Right leg: metal no. 1518403 on tibia and **Red** over **Yellow** on tarsus.
Plumage Male with remnants of black on crown and breast.
Ringed 31/3/05 NE of the Ijsselmeer (N Netherlands 52 58N 05 26E) as an adult male.
Movements: Cley Marshes 10/7/05 to 10/8/05 and 17/9/05.

Left leg: **Red** over **Red** rings on tarsus.
Right leg: metal ring no. 1484646 over **Red flag** on tibia, **Blue** over **Blue** rings on tarsus.
Plumage adult satellite male, yellow legs. In winter plumage when first seen then with white ruff containing a limited amount of dark feathers.
Ringed as an adult male 7/5/05 at Weakens, Oosterlittens, (N Netherlands 52 55N 05 25E).
Movements: Stavoren (N Netherlands 52 53N 05 23E) 28/3/06 and 5/4/06, Oudega (N Netherlands 52 55N 05 30E) 17/4/06, Koudum (N Netherlands 52 53N 05 23E) 17/4/07 and

Cley Marshes 7/3/09, 19/4/09 and possibly 22/4/10 when a satellite male with a red flag on the right tibia was seen distantly.

Left leg: **Red Flag** on tibia and ***White*** (can be stained red) over **Yellow** (can be stained red) on tarsus.
Right leg: metal ring no. 1485521 on tibia and **Blue** over **Red** on tarsus.
Ringed 29/4/05 NE of the Ijsselmeer (N Netherlands 53 07N 05 39E) as an adult male.
Movements: Vadsoe (N Norway 70 05N 30 05E) 22/6/05, Cley Marshes 15/7/05 to 1/8/05 at least (probably in fact from 10/7/05 to 14/8/05), Vadsoe again 12-13/6/06, Cley Marshes 30/6/06 to 3/8/06, Stiffkey Fen 11+15/8/06, Cley Marshes 16-17/8/06, Blacktoft Sands (Yorks) 22/8/06, Cley Marshes 8/8/07-20/9/07, Wommels (N Netherlands 53 07N 05 36E) 25/4/08 and finally a sighting at Ume River Delta (Gulf of Bothnia, E Sweden 63 45N 20 20E).

Left leg: ***White*** (badly stained brown) over **Blue** on tarsus.
Right leg: metal ring no. 1512544 on tibia, **Blue flag** over **Red** over **Yellow** (badly stained black) on tarsus.
Plumage moulting adult male with dark cap, prominent moustache and very pale white and oatmeal (grey) feathers.
Ringed 18/4/09 Polder Gaast-Ferwoude, Gaast (Netherlands 53 01N 05 26E).
Movements: Haanmeerpolder, Koudum (Netherlands 52 56N 05 26E) 21/4/10, Lower Derwent Valley NNR (E Yorks) 23/10/10 and Cley Marshes 6/7/11-22/8/11.

Left leg: ***White*** over **Yellow** rings on tarsus.
Right leg: **Red** over **Red Flag** over ***White*** ring on tarsus.
Metal ring no. 1484646.
Plumage winter subadult male with all-black bill, no moustache and very dull pale yellowish legs.
Ringed 13/4/07 Grote Wiskepolder, Hindeloopen (N Netherlands 52 56N 05 26E).
Movements: Cley Marshes 14/12/07 to 26/3/08 also being seen at Salthouse on 28/12/06 and in a field of winter wheat just E of Saxlingham (5km SSW of Cley) on 7/1/08.

Left leg: **Yellow Flag** with black code that couldn't be read on tibia.
Right leg: **Red** ring on tibia, metal on tarsus.
An adult female.
Ringed in the Ythan Estuary area, Aberdeenshire in 2015 or 2016.
Seen: Cley Marshes 24/05/17.

Left leg: **Yellow Flag** on tibia and **Blue** over **Blue** on tarsus.
Right leg: metal ring no. 1461603 on tibia, ***White*** over **Blue** on tarsus.
Plumage Male with rufous-brown feathers emerging on the ear-coverts and breast.
Ringed as a second calendar-year male 27/3/04 NE of the Ijsselmeer (N Netherlands 53 08N 05 38E).
Movements: NE of the Ijsselmeer 10/5/04 (52 58N 05 24E) and 9/4/05 (53 01N 05 26E), Cley Marshes 16-22/3/06 then NE of the Ijsselmeer again 30/3/06 to 27/4/06 and 21/3/08 to 25/4/08 (52 58N 05 24E to 53 07N 05 36E).

Left leg: **Yellow** over **Red** on tarsus.
Right leg: metal ring no. 1485570 over **Red** flag on tibia, **Blue** over **Blue** on tarsus.
Ringed 6/5/05 NE of the Ijsselmeer (N Netherlands 53 07N 05 39E).

Movements: Cley Marshes 6/8/05 (when whole combination read but probably present from 4/8/05 to 1/9/05), Oost on the Island of Texel (Netherlands 53 05N 04 54E) 3/2/06 to 12/3/06, De Waal on Texel (Netherlands 53 05N 04 49E) 2/4/06, Wommels (N Netherlands 53 07N 05 36E) 14/4/06, Workum (N Netherlands 52 59N 05 24E) 12/7/06, Bourgoyen (Gent, Belgium 51 04N 03 40E) 30/1/07 to 15/2/07, Ringvaart (Evergem, Belgium 51 06N 03 41E) 17/2/07, Bourgoyen 18/2/07, Workum 20/4/07, Ferwoude (N Netherlands 53 00N 05 27E) 2/7/07, Workum 8+20/7/07, Bourgoyen 6/1/08, Workum 17/4/08 and Gaast (N Netherlands 53 01N 05 26E) 18/4/08.

Left leg: **Yellow** over **Red** on tarsus.
Right leg: **Yellow Flag** on tibia and **Blue** over **Yellow** on tarsus.
Metal ring no. 1461612
Plumage Male with black ruff.
Ringed 3/4/04 at Weakens, Oosterlittens (N Netherlands 53 08N 05 38E)..
Movements: Iens, Wommels (N Netherlands 53 07N 05 36E).8/4/04, Dijksvaart, Workum (N Netherlands 52 59N 05 26E) 19/4/08, Noordermeerpolder, Starvoren (N Netherlands 52 54N 05 23E) 27/4/08, Podder Kooihuizen, Gaast (N Netherlands 53 02N 05 25E) 29/4/05 and Cley Marshes 30/6/08.

Left leg: **Yellow** over **Yellow** over **Blue flag** on tarsus.
Right leg: metal ring no 1543848 on tibia, **Red** over ***White*** (stained yellow) on tarsus.
Plumage adult male with small moustache.
Seen Cley Marshes 25-26/3 (DPW)
Ringed as a second-calendar male at Zuidermeerpolder, Stavoren, S Friesland, Netherlands (52 52N 05 23E) 4/4/11.
Movements: Skruk, Wommels (Netherlands) 15/4/11, Cley Marshes 25-26/3/12 and Workum (Netherlands) 3-21/4/12.

Left leg: **Yellow** over **Yellow** on tarsus.
Right leg: metal ring no. 1501816 on tibia, ***White*** (stained yellow) over **Yellow** (stained orange) over **Red** flag on tarsus.
Ringed 14/4/07 Laaksum, Mokkebank (Netherlands 52 51N 05 25E).
Movements: Cley Marshes 30/8/07 and probably also 2/9/07.

Untraced birds

Left leg: **Orange** over stained ring on tarsus.
Right leg: **Red** ring on tibia, **Yellow** over metal rings on tarsus.
Plumage winter plumage adult male.
Seen Cley Marshes 25/8/11-3/10/11.

Left leg: **Red** over **Red** rings on tarsus.
Right leg: **Yellow** over **Yellow** rings on tarsus.
Plumage Dark male.
Ringed in N Netherlands if it originally also had a flag which it has subsequently lost.
Seen: Cley Marshes 28/7/06.

Left leg: **Yellow** on tarsus.
Right leg: **Green** over **Orange** on tibia.
Seen: Cley Marshes 30/7/07.

Birds with metal ring only

Metal ring no. **R51949**
Ringed as a full grown male at Cley 30/8/59.
Recovered trapped and killed 3/6/60 in Russia (67 37N 53 00E).
Distance: 3242km ENE.

Woodcock

Three birds ringed in Finland, Denmark and Germany were shot in the Square.

Metal ring no. **5275858** (DFH)
Ringed as a full grown bird at Helgoland-Dune (Germany 54 10N 07 55E) 21/11/91.
Recovered shot at Bayfield Hall 16/1/93.
Distance: 476km WSW.

Metal ring no. **B76605** (Helsinki)
Ringed as a 1cy at Joensuu (Kuopio, Finland 62 34N 29 49E) 17/6/54.
Recovered shot at Kelling 25/1/77.
Distance: 2001km WSW.

Metal ring no. **640685** (Copenhagen)
Ringed as an adult at Tved, Nors (Viborg, Denmark 57 03N 08 39E) 20/12/63.
Recovered shot at Morston 21/12/64.
Distance: 668km SW.

Snipe

Two birds ringed at Cley and Salthouse were subsequently shot in Rusia and the Netherlands. Birds ringed in Sweden and Germany were found dead in the Square.

Metal ring no.**CJ42321**
Ringed as an adult at Salthouse 19/8/72.
Recovered shot 30/8/74 at Vichuga (Ivanovo Oblast, Russia 57 12N 41 30E) .
Distance: 2612km E.

Metal ring no.**R51956**
Ringed as a full grown bird at Cley 11/9/59.
Recovered shot 6/10/62 at Ijsselmeerpolders (The Netherlands 52°30'N 5°45'E).
Distance: 321km E.

Metal ring no.**5085971**
Ringed 6/9/73 as a full grown bird at Skanor (Skåne, Sweden 55 25N 12 49E).
Recovered killed by a cat 7/1/74 at Blakeney.
Distance: 816km WSW.

Metal ring no.**7374322** (DFH)

Ringed 3/10/64 as a full grown bird at Rantum, Becken (Insel, Sylt, Germany 54 49N 08 18E)
Recovered found dead 25/2/65 at Cley.
Distance: 518km WSW.

Black-tailed Godwit: nominate form *limosa*

At least 15 colour-ringed individuals of this form have been seen.

One was ringed as a chick in the Netherlands and then seen at Cley Marshes as a juvenile in 2015, in its first summer in 2016 and as an adult in 2017 and 2018.

Eight of the others were ringed as chicks by the RSPB at UK breeding sites between 2001 and 2003. The scheme identifier for these birds (which have 2 colour rings on each tibia) is a **dark blue** ring as the lower ring on the right tibia. The initial objectives of this project had been achieved so no more chicks were ringed in the years 2004-2014. There appears to be no interchange between the small UK population and the main population of nominates breeding on the continent. There is only one observation of one of these UK-reared individuals on continental breeding grounds (one seen in Holland in March 2008 so possibly just displaced on its northerly migration). The UK population of this form is recovering but still only numbers about 50 pairs so sightings of these marked individuals are still valuable. The rings of most have unfortunately become badly stained (it is thought this possibly happens on their African wintering grounds) and it then becomes very difficult to identify the individual concerned. A careful examination of the rims of the rings is required – good quality photographs can be very helpful. It is assumed that the same individuals visit Cley Marshes some years on their autumn migration sometimes remaining several days to complete their moult. It could be that more individuals are involved but it is now impossible to separate similar ring colour combinations because of the staining problem.

In 2015 the RSPB decided to restart colour-ringing chicks and also adults as the UK population was not increasing as had been hoped for. The new scheme again has four tibia rings but the lower right scheme identifier is now a **lime** ring with a **black E** engraved on it. Anyone seeing one of these birds is asked to report the sighting to
Jennifer.Smart@rspb.org.uk
and she will reply with details of the bird ASAP.
Unfortunately the 2015 breeding season was a poor one. Some adults were successfully ringed but only four chicks were and it is feared that none of these chicks survived.
From 2017 birds were "headed-started" by RSPB/WWT. Eggs were taken from the nests of Black-tailed Godwits at Nene Washes (Cambs) then hatched at Welney with the resulting youngsters being released. These released birds all had a dark **Green** ring as the upper right tibia ring in 2017 and a total of 26 were released at Welney. See Graham Appleton's Wadertales https://wadertales.wordpress.com/ . In 2018 the upper right ring for the "head-started" birds was ***White*** and a total of 38 birds were released, 23 at Welney and 15 at Nene Washes. In 2019 the upper right ring for the "head-started" birds was **Black** and a total of 48 birds were released. No birds were head-started in 2020 due to the coronavirus lockdown. In 2021 the upper right ring for the "head-started" birds was **Yellow** and a total of 43 birds were released.
Two birds an adult and a "headed-started" juvenile were seen at Cley Marshes in 2017. This juvenile was in fact the first "headed-started" one to be seen away from the Fens. The same

adult returned in 2018 and a "headed-started" juvenile was seen. In 2019 two adults were seen, two of the birds head-started in 2017 and one juvenile that had been head-started that year. In 2020 one of the birds head-started in 2017, named Anouk, that had staged at Cley in the summers of 2017 and 2019 returned once again.

Left leg: **dark blue** over **red** on tibia.
Right leg: **orange** over **dark blue** on tibia.
All rings low in height.
Ringed as a chick 25/5/01 at Nene Washes (Cambs).
Said to be a male from observations on its breeding grounds.
Movements: Cley Marshes 26/8/01 to 13/9/01, then seen at Nene Washes on 17/5/03 and 9/6/03 (uncertain whether or not it was breeding), Cley Marshes 19/7/03 to 3/8/03 and then Salthouse 16/6/04 and Cley Marshes 19/6/04.

Left leg: **blue flag** with geolocator attached over **red** ring on tibia.
Right leg: ***white*** ring over **lime** ring with black **E** on tibia.
Ringed One of the birds "headed-started" by RSPB/WWT. Eggs were taken from the nests of Black-tailed Godwits at Nene Washes (Cambs) then hatched at Welney with this fledged youngster being released 27/6/18 at Nene Washes. Named Chopstick.
Movements: Titchwell 13/7/18 and Cley Marshes 28/7/18.

Left leg: **dark blue flag** over **red** over **yellow** on tibia.
Right leg: **lime** over **lime** (both stained brown) on tibia.
Flag low in height.
Metal ring no. 2504963.
A female.
Ringed as a chick 14/5/15 at Tsjerkemar, Oudega (Netherlands 53.00N 05.55E).
Movements: seen nearby at Pikesyl 15+25/6/15, Cley Marshes 5-21/8/15, Samorra Correia (W Portugal 38.92N N 8.83W) 24+25/2/16, Stavoren (The Netherlands 52.88N 5.38E) 14/6/16, Workum (The Netherlands 52.98N 5.42E) 22/6/16, Cley Marshes 24/6/16-15/8/16, Kelling Water Meadow 17/8/16, De Pine (The Netherlands 52.98N 5.58E) 7/4/17, Sanfirden (The Netherlands 52.99N 5.51E) 3/6/17, Cley Marshes 4/7/17-8/8/17, Titchwell 16/8/17, Vila Franca de Xira (W Portugal 38.94N 8.97W) 9/2/18, Porto Alto (W Portugal 38.96N 8.92W) 16/2/18, Pikesyl 23/3/18 and 7/6/18 and Cley Marshes 19/7/18-25/8/18 but also visiting Titchwell 21/8/18. She was seen in the Netherlands in March 2019.

Left leg: **green** over **orange** on tibia.
Right leg: **red** over **dark blue** on tibia.
All rings low in height.
Ringed 22/6/02 as a chick Nene Washes (Cambs).
Said to be a male from observations on its breeding grounds.
Movements: Returned to Nene Washes 9/5/03 to 23/6/03 and seen to be a male. Then visited Welney 26/6/03 to 10/7/03. Returned again to Nene Washes in 2004 and presumed to have bred. Then seen at Welney 4/7/04 and at Titchwell 20+24/7/04 and 5/8/04. Returned to Nene Washes 19/4/05. Visited Cley Marshes 2-7/8/05, 9-26/6/07 and 7-10/6/11.

Left leg: **green** over ***white*** (stained yellow) on tibia.
Right leg: ***white*** (stained yellow) over **dark blue** (stained black) on tibia.
All rings low in height.
Ringed 3/6/01 as a chick at Nene Washes (Cambs).

Thought to probably be a male based on size, structure and plumage at Cley.
Movements: seen after fledging at Nene Washes. Cley Marshes 28/6/05 to 1/7/05 (with GY-WB), 1-7/6/09, 16-27/6/09, 24/6/10-17/7/10, 9/6/11-5/7/11, 16/3/12, 27/6/12-17/7/12 and 4-31/7/13. It is possible that some of these later sightings may in fact relate to the following bird GY-WB.

Left leg: **green** over **yellow** on tibia.
Right leg: ***white*** (stained pale yellow) over **dark blue** on tibia.
All rings low in height.
Ringed 3/06/01 as a chick Nene Washes (Cambs).
Movements: seen at Nene Washes after fledging in 2001 and returned there during the breeding season in 2003 and 2004. Seen at Cley Marshes 28/6/05 (with GW-WB) and then Kelling Quaggs 3/7/05. It is very possible that this bird has also been at Cley in later years but was assumed to be GW-WB.

Left leg: **dark green flag** with geolocator attached over **blue** on tibia.
Right leg: **orange** ring over **lime** ring with black **E** on tibia.
See information given under its original ringing combination
Left leg: **orange** over **green** on tibia.
Right leg: **orange** over **dark blue** on tibia.

Left leg: **orange** over **green** on tibia.
Right leg: **lime** over **dark blue** on tibia.
All rings low in height.
A male.
There are two possibilities for this bird
POSSIBILITY 1
Ringed as a chick 22/5/02 at Nene Washes (Cambs) with the above combination.
Initial movements: Seen after fledging at Nene Washes. No other sightings before being seen at Cley Marshes 29-30/4/03. The bird had surprisingly attained nearly full breeding plumage in its first summer and was judged to be a male. Seen at Nene Washes 13/6/03. Had lost most of its orangey breeding plumage feathers when seen again at Cley Marshes 20/7/03 to 3/8/03.
POSSIBILITY 2
Left leg: **yellow** (now stained **orange**) over **green** rings on tibia.
Right leg: **lime** over **dark blue** on tibia.
All rings low in height.
Ringed as a chick 20/5/02 at Nene Washes (Cambs).
Initial movements: Nene Washes 1/4/03.
LATER HISTORY
Further sightings in the Cley Square: Seen again at Cley Marshes between 14/6/04 and 19/8/04 also visiting Salthouse 16/6/04. The following year seen at Cley Marshes 15/6/05 and Salthouse 16/6/05. Then a long break before being seen at Cley Marshes again 11-16/7/10, 7-14/6/11 and 9-13/7/13. Cley Marshes 15-19/6/19.
Recent sightings in its breeding area: Nene Washes 13/4/16, 2/4/17-27/5/17 and 23/4/18-14/5/18. Present again at Nene Washes to circa 10/6/19 and seen guarding chicks.

Left leg: **orange** over **green** on tibia.
Right leg: **orange** over **dark blue** on tibia.
All rings low in height.
Ringed as a chick 13/6/01 at Nene Washes (Cambs).

A female.
Movements: Nene Washes 1/4/03, Ouse Washes 10/5/04, Nene Washes 1/4/06, Tagus Estuary (Portugal) 11/10/07, Porte-en-Re (France) 24/2/08, Cley Marshes 26/5/09, Titchwell (Norfolk) 15/6/14+27/7/16, Nene Washes 22/4/18+21/5/18, Titchwell 22/6/18-9/8/18, Ponte de Erva (Porto Alto, Portugal) 12/10/18, Tagus Estuary 5/2/19 and Ponte de Erva 11+16/2/19.
Recaptured at Nene Washes in the breeding season 2019 and fitted with the rings given below.
Left leg: **dark green flag** with geolocator attached over **blue** on tibia.
Right leg: **orange** ring over **lime** ring with black **E** on tibia.
Partner is male BB-OL[E].
Movements: Cley Marshes 16/6/19-17/7/19 also visiting Titchwell on 12/7/19, Ponte de Erva 12/10/19.

Left leg: **orange** over **red** rings on tibia.
Right leg: **yellow** ring over **lime** ring with black **E** on tibia.
Ringed One of the birds "headed-started" by RSPB/WWT in 2021, released at Welney 15/6/21. A female named Brakna.
Movements: Welney still 17/6/21 then seen at Titchwell 13/7/21, Cley Marshes 19/7/21 and Mistley (Stour Estuary, Suffolk) 13/8/21.

Left leg: **red** over ***white*** (lightly stained yellow) rings on tibia.
Right leg: **green** ring over **lime** ring with black **E** on tibia.
Ringed One of the birds "headed-started" by RSPB/WWT. Eggs were taken from the nests of Black-tailed Godwits at Nene Washes (Cambs) then hatched and reared at Welney. This individual is a male that was ringed 26/5/17 then released at Welney on 12/6/17.
Named Benwick.
Movements: Welney to 21/6/17, then Ouse Washes 22/6/17-23/7/17 but back at Welney on 30/6/17. Next seen at Dunkirk near Ely (Cambs) 3-8/4/19. Returned to Welney WWT 12/4/19 paired with WB-GL[E] named Daughter of Earith. His mate was the first offspring of a head-started bird to be raised in the wild. They nested but were unsuccessful. Last seen at Welney 23/6/19. Cley Marshes 27/6/19. Returned to Welney for 2020 breeding season.

Left leg: ***white*** over **lime** rings on tibia.
Right leg: **green** ring over **lime** ring with black **E** on tibia. A black radio tag was temporarily attached to the **green** ring with cotton in an attempt to follow its movements shortly after release.
Ringed One of the birds "headed-started" by RSPB/WWT. Eggs were taken from the nests of Black-tailed Godwits at Nene Washes (Cambs) then hatched and reared at Welney. This individual is a female that hatched on 11/5/17, was ringed 26/5/17 then released at Welney on 12/6/17. Named Anouk.
Movements: Welney to 19/6/17, then Ouse Washes 19-26/6/17, Cley Marshes 3-25/7/17 and was the first head-started bird to be seen outside the Fens. Next seen at Wieringermeer (Netherlands) 25+27/3/19. Then seen at Welney WWT 3/4/19-27/6/19 paired with another "headed-started" bird from 2017 (YW-GL[E] named Delph). Their first nest failed but their second nest hatched with one chick surviving into mid-June. Cley Marshes 1/7/19-20/8/19. In 2020 the pair successfully raised a youngster at Welney that was colour-ringed. She left the male and their youngster before it fledged as often happens with wild pairs. She staged at Cley Marshes 1/7/20-21/8/20. Recorded at Welney again 26/3/21-10/6/21when the pair produced chicks again. Seen Cley Marshes 25/6/21-16/8/21.

Left leg: ***white*** (stained pale yellow) over **yellow** (partly stained red) on tibia.
Right leg: ***white*** (stained pale yellow and red) over **dark blue** on tibia.
All rings low in height.
Ringed 5/5/99 as a chick at Nene Washes (Cambs).
Said to be a female from observations on its breeding grounds but plumage on arrival at Cley was usually more suggestive of a male.
Movements: Cley Marshes 27/7/01 and 1+9/8/01, Nene Washes 2002, Cley Marshes 22+23/7/02, Nene Washes in the breeding season 2003 (thought to have probably nested), Cley Marshes 4/7/03 to 10/7/03, Nene Washes in the breeding season 2004, Cley Marshes 27/6/04 to 26/7/04, 9/6/07-1/8/07, 27/5/09-7/7/09, 13/6/10, 28/5/11-19/7/11, 12-24/6/12 and 26+28/6/13, Titchwell (Norfolk) 1/7/13 and Cley Marshes 8/6/14.

Left leg: **yellow** over **dark blue** on tibia.
Right leg: **pale blue** over **dark blue** on tibia.
All rings low in height.
Ringed 11/5/03 as a chick at Nene Washes (Cambs).
Said to be a male from observations on its breeding grounds.
Movements: Seen at Welney WWT 1/5/04 paired with an unringed female. Seen at Cley Marshes on many dates in the period 11/7/04 to 12/8/04, then from 2/7/05 to 20/7/05 (when also seen at Salthouse 10/7/05), again at Cley 9/6/07-13/7/07, Tavira Saltpans (Portugal) 28/10/11, 24/2/12 and 24/10/12, then seen back at Nene Washes in the springs of 2013 and 2015.
Birds seen with stained rings or that were seen distantly and that could well have been this individual were seen at Cley Marshes on 19-21/3/04, 17/3/07, 14+19/7/10 and 7/7/13.

Left leg: **yellow** over **orange** rings on tibia, **green** ring on tarsus.
Right leg: **orange** ring over **lime** ring with black **E** on tibia, metal ring no.EZ61891 on tarsus.
This individual had first been fitted with the following combination of rings.
Left leg: **yellow** over **orange** rings on tibia. Black geolocator attached to **orange** ring.
Right leg: **orange** ring over **lime** ring with black **E** on tibia, metal ring no.EZ61891 on tarsus.
Bird had a peculiar gait often throwing its left leg high in the air.
Ringed as a nesting adult female 21/5/17 at Nene Washes (Cambs).
Movements: Two chicks hatched from her nest at Nene Washes but didn't fledge, she was then seen Titchwell (Norfolk) 17-25/6/17 and Cley Marshes 29/6/17-6/8/17. Staged in NW Portugal 8/8/17-12/9/17*, wintered in Senegal 14/9/17-12/2/18* and staged in S Spain 14/2/18-18/3/18*. Seen back at the Nene Washes from 22/3/18. Trapped again there 4/6/18, the geolocator removed and its data extracted (*). The left leg was fitted with the following new set of rings.
Left leg: **yellowflag** with geolocator attached over **orange** ring on tibia, **green** ring on tarsus.
The green ring was not part of the colour-ring combination but had a PIT tag attached (Passive Integrator Tag used to monitor a bird's activity at its nest).
She then walked normally.
Movements: Remained at Nene Washes to 12/6/18 and produced chicks again. Cley Marshes 23/6/18-21/8/18. Seen back at the Nene Washes from 16/4/19. Trapped again there 26/5/19 and the yellow flag was replaced with a standard yellow ring.
Movements: Nested again at Nene Washes with the chicks hatching at the end of May and her last recorded sighting 27/5/19. Cley Marshes 3/6/19-3/8/19, Nene Washes 4/5/20, Titchwell 20+22/5/20, Nene Washes 30/3/21-19/5/21. Her first clutch was taken for the

“head-starting” project and her replacement clutch failed. Then seen at Cley Marshes 3/6/21 and Minsmere (Suffolk) 26-28/6/21.

Left leg: **yellow** over **yellow** rings on tibia.
Right leg: **black** ring over **lime** ring with black **E** on tibia
Ringed One of the birds “headed-started” by RSPB/WWT. Eggs were taken from the nests of Black-tailed Godwits at Nene Washes (Cambs) then hatched at Welney WWT. This individual is a male that was ringed 11/6/19 then released at Welney on 26/6/19. Named Swampy.
Movements: Ouse Washes 6/7/19, Longstanton Pools (Cambs) 7+9/7/19, Ouse Washes 11/7/19, Welney 14/7/19 then Cley Marshes 17/7/19-12/8/19.

Individuals not specifically identified

Left leg: pale ring stained **yellow** or **orange** over dark ring possibly **blue** on tibia.
Right leg: pale ring stained **yellow** or **orange** over **dark blue** on tibia.
All rings low in height.
Ringed as a chick in the UK. Impossible to determine the individual/individuals concerned.
Seen Cley Marshes 19-21/3/04 (pale rings looked orange) and 17/3/07 (a male – rings looked yellow).

Left leg: pale ring stained **yellow** over dark ring possibly **blue** on tibia.
Right leg: pale ring stained **grey** over **dark blue** on tibia.
All rings low in height.
A large female.
Ringed as a chick in the UK. Impossible to determine the individual concerned.
Seen Cley Marshes 14/7/10.

Left leg: **yellow** over **dark blue** on tibia.
Right leg: pale ring possibly ***white*** over **dark blue** on tibia.
All rings low in height.
Ringed as a chick in the UK. Impossible to determine the individual concerned.
Seen Cley Marshes 7/7/13.

Black-tailed Godwit: form *islandica*

279 colour-ringed birds with unique colour combinations have been seen. 60 (22%) had been ringed in Iceland where they breed, one in Ireland, four in NE Scotland, 19 on the Humber Estuary, 130 (47%) in the Wash on autumn passage, three in the Breydon Water – Berney Marshes area on spring passage, 20 in Suffolk, 16 in SE England, four in SW England, one on spring staging grounds in the Netherlands, 12 on wintering grounds further south in France, two in Spain and seven in Portugal.

108 (39%) have been seen in Iceland, 16 in Scotland, 20 in Ireland, 25 in NW England, 26 in the Netherlands or Belgium, 62 (23%) on the Humber Estuary, 69 (25%) in Suffolk or Essex, 26 in Kent, 21 in Hampshire or Sussex, 14 in SW England, 31 in France, 20 in Portugal, five in Spain and one has ventured as far south as Morocco.

One particularly interesting adult female bird, ringed in Iceland 27/4/00 (orange over lime – orange over lime), was first seen at Cley during spring 2004 when well on the way to

attaining proper breeding plumage. In 2005 she turned up at Cley on the late date of 5/5/05 with only traces of breeding plumage. She did make it up to N Iceland, however, being seen there 16/6/05 but was still basically in winter plumage and therefore probably hadn't attempted to breed. In 2006 she was in a full all-grey winter type plumage. Examination of photos revealed that she had in fact undertaken a spring moult but had moulted in plain winter feathers instead of patterned breeding plumage ones! Did she make it up to Iceland again? Was she an old-age pensioner that has given up any attempt to breed or one with a long-term illness? The oldest bird seen was 16 years old. One unlucky individual was killed by a Sparrowhawk on Blakeney Point in its first winter.

There is a single record of a bird fitted with a metal ring in the Wash and found dead at Cley Marshes a few months later.

Left leg: nothing.
Right leg: **red** on tibia, ***white*** (can be stained yellow) on tarsus.
Ringed: 63 birds were ringed in the Wash in 8/93 and 9/93 with this same combination.
Dates at Cley Marshes: 1-6/4/02, 27-28/4/02, 17-19/9/02, 31/3/03 to 9/4/03, 19-23/4/04, 16+19/11/04 and 14/4/05.

Left leg: **black** over **blue** on tibia
Right leg: **orange flag** over metal on tibia.
Ringed 25/2/04 at the Moeze-Oleron Nature Reserve on the Atlantic coast of France (45 54N 01 02W).
Movements: controlled at Moeze-Oleron on 6/12/04 and then seen at Cley Marshes 31/3/05 to 2/4/05.

Left leg: **black flag** over ***white*** on tibia.
Right leg: **green** over **red** on tibia.
Ringed 10/12/18 at Welwick Saltmarsh (N Humber Estuary) as an adult.
Movements: Cley Marshes 22/6/19 (and probably 21/6 but only one leg seen), Titchwell 24/6/19.

Left leg: **blue** on tibia, **red** on tarsus.
Right leg: **blue** over **red** on tibia.
All rings low in height.
Ringed at Farlington Marshes, Langstone Harbour (Hants) 1/11/97 as an unsexed adult.
Movements: Langstone Harbour 12/97, 11/11/98-12/2/99 and 15/2/00, then Cley Marshes 26/7/01.

Left leg: **blue** over **black** over **yellow** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Metal ring no.EZ79091.
Ringed at Iken (River Alde, Suffolk) 14/10/17.
Movements: Minsmere RSPB (Suffolk) 23/10/18 and 17/7/19, Hazlewood Marshes (Suffolk) 23/11/18(?), Mistley Walls (Stour Estuary, Essex) 3/12/19-11/2/20 and Cley Marshes 23+27/8/21.

Left leg: **blue** over **blue** on tibia.
Right leg: **orange** on tibia, **blue** on tarsus.
All rings of normal height.

Ringed at Slunks, Montrose Basin (NE Scotland) 30/9/07 as a juvenile.
Movements: Montrose Basin 26/11/07, 24/2/07, 4/5/07 and 29/5/07, Cley Marshes 29/5/08, Orfordness (Suffolk) 17/8/08, Seaforth (Lancs) 18-20/8/09, Dee Estuary (Mersyside) 20/9/09-2/10/09 and Samoro Correia, N of Porto Alto, Portugal 22/2/10.

Left leg: **blue** over **blue** on tibia
Right leg: **red** over **green flag** on tibia.
Ringed 11/11/11 at Corroios Mill Pond, Tagus Estuary, Portugal as an adult male.
Movements: Tagus Estuary 12-23/2/12, Frampton Marsh (Lincs) 12/7/12, Tagus Estuary 4/11/12, 8+19/2/13, 13+16/2/14, Frampton Marsh (Lincs) 8/9/14, Tagus Estuary 15/10/14, Vogalækur (Mýrar, W Iceland) 20/4/15, Frampton Marsh (Lincs) 13/7/15-27/9/15, Tagus Estuary 22/2/16, Freiston Shore (Lincs) 2/11/16, Tagus Estuary 11/12/16+17/2/17, Snettisham (Norfolk) 23/7/17, Alresford Creek (Essex) 17/4/18, Snettisham (Norfolk) 13/7/18, Tagus Estuary 22/12/18+21/2/19, Frampton Marsh (Lincs) 5-17/7/19, Tagus Estuary 17-21/2/20, Wivenhoe (Essex) 21/3/20, West Mersea (Essex) 30/3/20, Frampton Marsh (Lincs) 17+17/8/20. Wells North Point (Norfolk) 4/7/21 and Cley Marshes 27/8/21-2/11/21.

Left leg: **blue** over **lime** over **blue** on tibia.
Right leg: **red** over **black** over **red** on tibia.
Metal ring no.DT45797.
Ringed 28/8/19 at Harty (The Swale, Kent) 28/8/19 as a male in at least its second calendar year.
Movements: Medway Estuary (Kent) 29/12/19, Swale Estuary 16/1/20, 25+27/3/21, Cley Marshes 26-30/7/21 and Snettisham (Norfolk) 13+22/8/21.

Left leg: **blue** over **yellow** over **lime** on tibia.
Right leg: **red** over **black** over **red** on tibia.
Metal ring no.EY97778.
Ringed 12/12/20 at Harty (Swale Estuary, Kent) as an adult female.
Movements: Oare Marshes (Kent) 13/12/20, Conyer (Swale) 28+30/12/20 and 2-31/3/21, Oare Marshes 11-22/4/21, Cley Marshes 27/8/21, Oare Marshes 10/9/21 and Cley Marshes 15-22/9/21, 11/10/21-1/12/21.

Left leg: **green** on tibia.
Right leg: **lime** over **red** on tibia, ***white*** (stained yellow) on tarsus.
Ringed at Terrington 31/7/00 as an unsexed second calendar year.
Movements: Ouse Washes 21/2/01, Humber 4+8/10/01, Cley Marshes 21/7/02, Humber 26/1/03, Cley Marshes 20/2/03 to 9/4/03, Breydon Water 20/7/03 and 23/8/03, Humber Estuary 14/1/04 and Cley Marshes 7/3/04 to 19/4/04 and 12/7/04.

Left leg: **green** on tibia.
Right leg: **lime** over ***white*** on tibia, ***white*** (stained yellow) on tarsus.
Ringed at Terrington 31/7/00 as an adult female.
Movements: Humber Estuary 10/00, Cley Marshes 26/7/01 and 31/10/01, Minsmere 10/4/02, Humber Estuary 15 + 25/10/02, Stour Estuary (Essex) 19/4/04, Cley Marshes 26-28/8/04, Holbeach (Wash) 12/8/06, Stour Estuary (Essex), 14/1/07 and 10/3/07, Cley Marshes 11-13/11/07 when also seen at Salthouse 12/11/07.

Left leg: **green** on tibia.
Right leg: **red** over **lime** on tibia, ***white***(stained very pale yellow) on tarsus.

Ringed at Terrington on 31/7/00 as an adult male.
Movements: Kilnsea (E.Yorks) 4/01, Cley Marshes 7/3/02 to 20/4/02, E. Iceland 2/5/02, Cley Marshes 20/3/03 to 6/4/03, E Iceland 26/4/03 to 5/5/03, Stour Estuary (Essex) 3/9/03, Cley Marshes 2/3/04 to 23/4/04,10-23/4/05, 10/3/06 and 28/3/06 to 21/4/06, Fen Drayton (Cambs) 12/3/07, Cley Marshes 22/2/08 and 14/3/08, Blakeney Harbour 3/4/08.

Left leg: **green** on tibia, **red** on tarsus.
Right leg: **blue** over **red** on tibia.
Metal ring no. EL69119.
Ringed 5/9/10 at Farlington Marshes, Hampshire as a male in at least its second calendar year.
Movements: Langstone Harbour (Hants) 13/12/10, Geirakot (Floi, Árnessýsla, S Iceland) 10/7/11, Funton (Medway Estuary, Kent) 27/9/11, Titchfield Haven NNR (Hants) 5/8/12, Farlington Marshes 13/8/12, Langstone Harbour 13/9/12+26/10/12, Apuldram (Chichester Harbour, Sussex) 6/12/12, Heybridge Basin (Blackwater Estuary, Essex) 6/4/13, 30/9/13, 3/10/13, 20/4/13-9/4/14, Kaldaðarnesi (near Selfoss, Iceland) 8/5/14, Stow Creek (River Crouch, Essex) 9/8/14, Heybridge Basin 7/3/15, Cley Marshes 10-11/8/15, Heybridge Basin 11/9/15+14/11/15, Clements Green Creek (River Crouch, Essex) 31/12/15 and Heybridge Basin 25/2/16.

Left leg: **green** on tibia, **red** on tarsus.
Right leg: **blue** over ***white*** on tibia.
All rings of normal height.
Ringed 5/9/10 at Farlington Marshes, Hampshire as an adult female.
Movements: Warsash (Hants) 16/1/11, Farlington Marshes 31/7/11, Chichester Harbour (W Sussex) 20/8/11-15/1/12 and Cley Marshes 16-24/7/12, 5/8/12.

Left leg: **green** on tibia, **red** on tarsus.
Right leg: **orange** over **lime** on tibia.
Ringed 14/9/05 at Farlington Marshes, Langstone Harbour, Hants as an adult male.
Movements: Langstone, Chichester and Pagham Harbours (Hants/W Sussex) 15/9/05-22/4/06, 21/7/06-17/4/07, 6/9/07-18/3/08, 24/8/08-21/10/08, 9/9/09-13/4/10, 5/9/10-16/3/11 and 23/11/11-13/4/12, Cley Marshes 2-3/7/12.

Left leg: **green** over **black** on tibia.
Right leg: **green** over **orange** on tibia.
Ringed Langhús, Fljót, N Iceland 26/6/05 as a breeding adult.
Movements: Holkham 28/8-1/9/05, Stiffkey Fen 20-25/9/05, Cley Marshes 27+29/9/05, Badajoz (Extremadura, Spain) 28/1/06, Cley Marshes 10/8/06, Fljót 3/6/09, Snettisham (Norfolk) 16/7/09, Dundalk Bay (Co. Louth, E Ireland) 11/3/11, Holme (Norfolk) 12/8/11, Cley Marshes 6-7/7/12 and Frampton Marsh (Lincs) 21/8/12.

Left leg: **green** over **black** on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed at Holbeach on 22/8/05 as an adult male.
Movements: Rangarvallasysla (S Iceland) 19/4/07, Cley Marshes 1-3/7/07, Humber Estuary (Lincs) 16/11/10 and Frampton Marsh (Lincs) 11/8/13.

Left leg: **green** over **black** over **green** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.

Metal ring no EY70169.
Ringed 19/10/15 at Iken, River Alde, Suffolk.
Movements: Leighton Moss (Lancs) 28-30/4/16, Frampton Marsh (Lincs) 17+22/8/16, Leighton Moss 1-9/4/17, Marshside (Lancs) 4/11/17, Newton Marsh (Ribble Estuary, Lancs) 10+12/3/18, Titchwell then Cley Marshes 14/7/18, Cley Marshes 5/9/18.

Left leg: **green** over **black** over **orange** on tibia.
Right leg: **red** over **black** over **red** on tibia.
Metal ring no EW64383.
Ringed as an adult female 11/10/15 at Harty, The Swale (Kent).
Movements: Oare Marshes (Kent) 13-17/10/15, Rahasane Turlough (Galway, Ireland) 25/10/15, Kilcoole (Co Wicklow, Ireland) 3/11/15, Oare Marshes 31/8/16-16/10/16, Belmullet Docks (Co Mayo, Ireland) 23/4/17, Oare Marshes 10/9/17 and Cley Marshes 19-20/7/18.

Left leg: **green** over **green** on tibia.
Right leg: **green** on tibia, ***white*** (stained yellow) on tarsus.
Ringed as an adult female 2/9/19 at Snettisham (the Wash).
Movements: Skegness (Lincs) 8/9/19, Gibraltar Point (Lincs) 15-18/9/19 and 24/8/20, Titchwell (Norfolk) 4/7/21 and Cley Marshes 21-23/7/21.

Left leg: **green** over **green** (stained black) on tibia.
Right leg: **green** over **yellow flag** (stained red) on tibia.
Ringed 23/6/13 as a chick at Kaldaðarnes, Árnessýsla, S Iceland.
Movements: Cley Marshes 14-19/3/15.

Left leg: **green** over **green** on tibia.
Right leg: **red** on tibia, ***white*** on tarsus.
Ringed at Snettisham (Norfolk) 2/9/19 as a 1cy.
Movements: Holme (Norfolk) 4-11/9/19, Cley Marshes 20+25/9/19 and 8-25/11/21.

Left leg: **green** over **green** on tibia.
Right leg: **yellow** over ***white*** on tibia.
Ringed at Holbeach (Lincs) 13/8/10.
Movements: Oare Marshes (Kent) 29/8/10, Exe Estuary (Devon) 23/10/10 and 2/8/11-27/11/11, Hvollsvöllur (Rangárvallasýsla, S Iceland) ?/5/12, Exe Estuary 31/1/13.and Cley Marshes 31/7/13.

Left leg: **green** over **lime** on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed at Terrington on 8/8/98 as an adult male.
Movements: Titchwell 9/9/98, Humber Estuary 7/10/98, 10/12/98 and 4/2/99, Cley Marshes 3/3/99, Welney 15/4/99, Cley Marshes 8/4/00, Ouse Washes 20/2/01, Breydon Water 24/2/01, Ouse Washes 9+21/4/01, Cley Marshes 3/3/02, Welney 4/4/02, E Iceland 30/4/02, Humber Estuary 25/10/02 and Cley Marshes 10/4/04.
Thought to be the bird with ring no. ES28205 on the BTO database with a sighting at Welney on 18/12/17.

Left leg: **green** over **lime** on tibia.
Right leg: **orange** over ***white*** on tibia.

Ringed at Holbeach on 9/9/02 as an adult male.
Movements: Seen Golfe du Morbihan (France) on 8 dates 10/10/02 to 25/11/02, N Iceland 10/6/03, Baie de l'Aiguillon (France) 9/9/03, Cley Marshes 31/3/04 and Breydon Water 31/3/04+1/4/04.

Left leg: **green** over **lime** on tibia.
Right leg: **orange** over **orange** ring with black code **Z** on tibia, metal ring no. 631246 on tarsus.
Ringed at Rangarvallasysla, S Iceland on 13/7/16 as an adult female.
Movements: Oare Marshes (Kent) 13/7/16-25/10/16, Wieringen (N Holland, Netherlands 52.91N 04.94E), Waddenzee (Friesland, Netherlands 53.16N 03.16E) 18/3/17, Oare Marshes 14/7/17-21/8/17, Guerande (NW France 47.29N 02.43W) 11/2/18, Cley Marshes 28/6/18 and Titchwell 30/6/18.

Left leg: **green** over **lime** on tibia.
Right leg: **red** over ***white*** (stained yellow) on tibia.
Ringed at Terrington on 8/8/98 as an adult female.
Movements: Cley Marshes 3/3/99 to 9/4/99, Nene Washes 24/4/00, Snettisham 3/9/00, Breydon Water 4/3/01, Ouse Washes 23-27/4/01, Nene Washes 30/4/01 and Ouse Washes 5/3/02. Reported in E Iceland on 29/4/2002 and at Nene Washes on 30/4/2002 - one of these two sightings likely to be a misread!!! Cley Marshes 14/7/02.

Left leg: **green** over **lime** on tibia.
Right leg: ***white*** on tibia, ***white*** (stained yellow) on tarsus.
Ringed at Holbeach 7/9/98 as a juvenile.
Movements: Cley Marshes 30/3/99 and 22/2/00, W Iceland 25/4/00, Cley Marshes 22/2/01, Holbeach 22/8/01, Breydon Water 27/10/01, Snettisham 14/4/02, Cley Marshes 21-29/3/03, 7-21/3/04, 12-13/2/05 and 19-31/3/05, Freiston (The Wash Lincs) 22/9/05 and Cley Marshes 4-30/3/06.

Left leg: **green** over **lime** on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed originally at Holbeach 18/9/93 as a juvenile female, retrapped at Holbeach 22/8/05 and fitted with the colour-rings.
Movements: Welney 5/3/06 and Cley Marshes 13-14/8/06.

Left leg: **green** over **orange** on tibia.
Right leg: **green** over **lime** on tibia.
Ringed near Reykjavik (SW Iceland) 24/4/00 as an adult female.
Movements: Rogerstown Estuary (Co Dublin) 29/8/00, River Ijssel (C Netherlands) 13/4/02, Altafjordur (E Iceland) 1+3/5/02, Killingholme (Humber Estuary) 11/10/06, Cley Marshes 2/1/07-2/2/07 and also seen nearby at Salthouse 10+11/1/07.

Left leg: **green** over **orange** on tibia.
Right leg: **lime** over ***white*** on tibia.
Ringed at Holbeach 9/9/02 as an adult male.
Movements: Cley Marshes from 24/3/03 to 22/4/03, E Iceland from 26/4/03 to 1/5/03, then back at Cley Marshes on 9-11/7/03, Snettisham 28/9/03, Cley Marshes again 4/3/04 to 24/4/04 then Snettisham 10/9/04, Cley Marshes 12/2/05, 20/3/05, 16-21/4/05, 6-19/8/05, 2/9/05 and 26/3-30/4/06 (also visiting Salthouse on 20/8/05), Egilsstadanes (E Iceland)

21/5/06, Cley Marshes 24/12/06 and 22/2/07-2/4/07 (also visiting Salthouse on 26-28/2/07), Humber Estuary 17/9/07-5/10/07, Cley Marshes 29/2/08, Altafjordur (E Iceland) 30/4/08, Cley Marshes 1-17/9/08, Humber Estuary 12/11/08 and 6/2/09, Cley Marshes 26/2/09-23/4/09 when also seen at Stiffkey Fen 20/4/09, Humber Estuary 2/7/09, Cley Marshes 9/7/09, Humber Estuary 19/9/09-12/12/09, Cley Marshes 3-25/9/10, Humber Estuary 19/10/10-1/2/11, Mersey Estuary 6/8/11, Cley Marshes 9/8/11-22/9/11 and 11/3/12-5/4/12, Altafjordur (E Iceland) 29/4/12, Cley Marshes 2-3/2/13, 11-28/4/13, on three dates 7/3/14 to 17/4/14, 21-26/7/14 and 19/2/15.

Left leg: **green** over **orange** on tibia.
Right leg: **lime** over ***white*** with code **X** on tibia.
Ringed at Alftafjordur (E Iceland) 3/5/03 as an adult probably female.
Movements: Seen in SE Iceland on the 2 days following ringing. No other sightings before being seen at Cley Marshes 28-30/7/03 then over-wintered being seen regularly between 7/11/03 and 25/4/04. Returned to Cley Marshes from breeding grounds 6/8/04 then seen regularly to 21/4/05. Also seen at Salthouse 18-19/9/04 and Kelling Water Meadow 20-21/9/04. Returned to Cley Marshes once again 18/8/05 and also seen at Stiffkey Fen 19-23/9/05. Last seen at Cley Marshes 10/10/05 and next recorded at Berney Marshes 1/12/05. Back at Cley Marshes again 20/2/06, 10-11/3/06 and 26/3-7/4/06. Returned to Cley Marshes for another winter 17/8/06, seen regularly to 11/4/07 and also visited Salthouse on 24/12/06, 15/2/07 and 26-28/2/07.

Left leg: **green** over **orange** on tibia.
Right leg: **orange** over **orange** ring with black code **Z** on tibia.
Metal ring no.631238.
Ringed 24/06/16 Kaldaðarnes, S-Iceland. An adult female caught on her nest.
Movements: Titchwell 19/7/16, Cley Marshes 6/8/16, Pin Mill (Orwell Estuary, Suffolk) 4/10/16 and Cley Marshes 10/7/17.

Left leg: **green** over **orange** on tibia.
Right leg: ***white*** on tibia and ***white*** on tarsus.
Ringed at Terrington 24/8/09.
Movements: Freiston and Frampton Marsh (Lincs) 12/9/09-11/09/10, Cley Marshes 7-8/12/10, Frampton Marsh 11/3/11, Snettisham (Norfolk) 21/4/11, Orwell Estuary (Suffolk) 4/4/12, Siglufjordur (Skagafjardarsysla, N Iceland) 24/5/12.

Left leg: **green** over **red** on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed at Holbeach 22/8/05 as an unsexed adult.
Movements: Welney 19/2/06 and Cley Marshes 14/7/06.

Left leg: **green** over **red** on tibia.
Right leg: ***white*** (stained pale yellow) on tibia, ***white*** (stained orange) on tarsus.
Ringed at Terrington 10/9/98 as an adult female.
Movements: Humber Estuary 10/98 and Cley Marshes 15+19/3/99.

Left leg: **green** over **red** on tibia.
Right leg: **yellow** over **orange** on tibia.
Ringed at Bakkar, S Iceland 20/6/02 as an adult breeding female.

Movements: Bakkar 1/7/02, Humber Estuary 24/1/03 and 8/2/03, Cley Marshes 20/3/03, Bakkar 16/6/03, Humber Estuary 14/1/04, Bakkar 23-24/5/04 and 14+23/5/05. Seen on its nest on 8/6/05 but the nest was empty (presumed predated) on 21/6/05. Then seen at Cley Marshes 25/6/05, Welney 5/3/06, Bakkar 8/6/06, Humber Estuary 8/8/06, Sado Estuary (Setubal, W Portugal) 2/2/07 and Fen Drayton (Cambs) 18/2/07-12/3/07.

Left leg: **green** over **red** on tibia.
Right leg: **yellow** over **red flag** on tibia.
Ringed 17/7/07 north of Langhus, Fljot (N Iceland) as a chick.
Movements: Blacktoft Sands (E Yorks) 9/9/07, Alkborough Flats (N Lincs) 22/9/07, Killinghome (Humber Estuary) 24/9/07, Cley Marshes 29/10/07 to 27/4/08 when it was also seen feeding on Blakeney Freshmarsh on 4 dates 1-27/2/08, Stiffkey Fen (Norfolk) 28/4/08-1/5/08, Cley Marshes 6/1/09-18/3/09 and Titchwell (Norfolk) 26/3/09.

Left leg: **green** over **red** over **orange** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Ringed at Iken, River Alde, Suffolk 10/8/07.
Movements: Summer Leys Reservoir (Northants) 8/8/09, Woodbridge (Suffolk) 22/1/11, Loch an Eilein (Tiree, Argyll) 25-26/4/11, River Butley (Suffolk) 11/2/12 and Cley Marshes 20/11/12.

Left leg: **green** over ***white*** on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed 21/7/97 at Terrington as a second calendar year female.
Movements: Deben Estuary (Suffolk) 23/2/98, Oare Marshes (Kent) 12/8/98-6/9/98, Fingringhoe Wick (Essex) 20/2/99, Cley Marshes 22/2/00, Stour Estuary (Suffolk) 4/11/00-15/4/01, Hofn (E Iceland) 30/4/02 and Stour Estuary 2-6/2/03.

Left leg: **green** over ***white*** on tibia.
Right leg: **lime** over ***white*** with code **X** on tibia.
Ringed 24/404 at Siglufjörður (N Iceland) as an adult male.
Movements: Fljót (N Iceland) 25/4/04, Lopik (Utrecht, The Netherlands) 13-14/3/06, Medway Estuary 14/10/06, Colne Estuary (Essex) 17/3/07-1/4/07 + 12/9/07, Medway Estuary 12/10/07, Pointe St Clément (Esnandes, W France) 24/10/07, Colne Estuary (Essex) 17/3/08-22/4/08, Siglufjörður 15/7/08, Colne Estuary 30-31/8/08 + 3/4/10, Medway Estuary 7/8/10-26/10/10, 5/3/11-16/4/11 and 25+27/8/11, Colne Estuary 13+26/9/11, 15/7/12, 16/8/12 and Cley Marshes 26/6/13.

Left leg: **green** over ***white*** on tibia.
Right leg: ***white*** on tibia, ***white*** on tarsus.
Ringed 1/8/96 at Terrington as an adult male.
Movements: Ribble Estuary(Lancs) 17/10/97 and 17/1/98, Preston 25/1/98, Snettisham 23+25/4/98, Ouse Washes 9+22/3/00, Welney 5/4/00, Nene Washes 11/4/00, Ouse Washes 20+26/2/01, Welney 24/2/02, Snettisham 7+8/8/03, 7/8/04 and 4+5/9/04, Cley Marshes 11/2/05 and Ouse Washes 20/2/05.

Left leg: **green** over ***white*** on tibia.
Right leg: **yellow** over ***white*** with black code **X** on tibia.
Ringed 18/4/03 at Vogalaekur, Myrar (W Iceland) as an adult male.

Movements: remained at Myrar to 28/4/03, Langstone Harbour (Hants) 29/9/03 to 3/10/03, Portsmouth Harbour 5/10/3, Baie du Mont St Michel (Manche, NW France) 7/12/03, Portsmouth Harbour 17/10/05, Tagus Estuary (W Portugal) 2/2/06, Colne Estuary (Essex) 10/8/06 to 20/9/06, Fobbing Marsh (Essex) 8/10/06, Baie du Mont St Michel 20/12/06, Avon Valley (Hants) 5/2/07, Medway Estuary (Kent) 30/7/07, Langstone Harbour 3-19/8/07, Portsmouth Harbour 3/9/07 to 30/10/07 and Cley Marshes 12/2/08.

Left leg: **green** over **yellow** on tibia.
Right leg: **lime** on tibia and ***white*** (stained pale yellow) on tarsus.
Ringed 7/9/98 at Holbeach as an adult male.
Movements: Nene Washes 12+17/04/00, Ouse Washes 19-26/2/00, Fen Drayton 12/3/01, Farmoor Reservoir (Oxfords) 6/7/03, Snettisham 2/7/04, Ouse Washes 20/2/05 and 6/3/05 and Cley Marshes 1/4/05 and 10-17/4/05, Frampton Marsh (Lincs) 11/8/13.

Left leg: **green** over **yellow** on tibia.
Right leg: **green** over ***white flag*** on tibia.
Ringed 19/6/12 at Syðribakka, Eyjafjörður, N Iceland as a chick.
Movements: Poole Harbour (Dorset) 12/10/12, 19/11/12 & 24/3/13, Cley Marshes 16/6/13 (flag pale but was stained dark such that the colour could not be determined but aged as 2cy and this is the only individual of the correct age), Poole Harbour 8/8/13.

Left leg: **green** over **yellow** on tibia.
Right leg: **orange** over ***white*** on tibia.
Ringed 31/8/04 at Terrington as an adult female.
Movements: Snettisham 2/9/04 and Cley Marshes 14-21/3/05.

Left leg: **lime** on tibia.
Right leg: **green** over **black** on tibia, ***white*** on tarsus (stained yellow)
Ringed 9/9/02 at Holbeach as an adult male.
Movements: Breydon Water 17/3/04 and 23/7/04 and Cley Marshes 10-16/4/05.

Left leg: **lime** on tibia.
Right leg: **green** over **lime** on tibia, ***white*** on tarsus (stained yellow or orange)
Ringed at Terrington 8/9/02 as a juvenile probably male.
Movements: Cley Marshes 25/10/02 to 20/11/02 then found dead at Blakeney Point the following February having been eaten by a Sparrowhawk – a short life!!.

Left leg: **lime** on tibia.
Right leg: **orange** over **black** on tibia, ***white*** on tarsus (stained red).
Ringed at Holbeach 12/8/06 as an adult female.
Movements: Fen Drayton (Cambs) 20/2/07, 12+14/3/07, Welney 6/4/07, Cley Marshes 29/7/08, Blakeney Harbour 30/7/08 and 3/8/08.

Left leg: **lime** on tibia.
Right leg: **orange** over **green** on tibia, ***white*** on tarsus.
Ringed at Holbeach 12/8/06 as an adult.
Movements: Cley Marshes 9/7/07

Left leg: **lime** on tibia.
Right leg: **red** over **yellow** on tibia, ***white*** on tarsus.

Ringed at Holbeach 9/9/02 as an adult male.
Movements: Breydon Water 12/7/03 and Stour Estuary (Essex) 27/9/04 & 18/11/04, Cley Marshes 26-27/6/04.

Left leg: **lime** on tibia.
Right leg: ***white*** over **lime** on tibia, ***white*** (sometimes stained yellow) on tarsus.
Ringed at Holbeach 9/9/02 as a juvenile.
Movements: Burnham Norton 1/6/03, Cley Marshes 6/7/2003, Titchwell 13/7/2003 and Cley Marshes 16-21/3/04, Berney Marshes (Norfolk) 29/4/04, Cley Marshes 1/9/04 Ouse Washes (Cambs) 13/3/05, Stour Estuary (Essex) 22+26/4/06 and Cley Marshes 21/7/09.

Left leg: **lime** on tibia.
Right leg: ***white*** over **yellow** on tibia, ***white*** on tarsus.
Ringed at Holbeach 9/9/02 as a juvemile.
Movements: Cley Marshes 2/5/03.

Left leg: **lime** on tibia.
Right leg: **yellow** over **black** on tibia, ***white*** on tarsus (often stained yellow or orange or even red)
Ringed at Holbeach 9/9/02 as an adult female.
Movements: Cley Marshes 6-23/3/2003, 16-28/3/04, 18/3/05, 19/4/05, 28/4/05, Titchwell 13/8/05, Ballymacoda (Co Cork) 16/12/05 to 31/1/06, Cley Marshes 10/3/06-30/4/06, Salthouse 1+2/5/06, Cley Marshes 4/3/07-28/4/07 and irregularly 6/3/08-5/5/08. Its breeding site discovered at Langhus, Fljot (N Iceland) 15/7/08. Frodsham Marsh (Cheshire) 27/2/09, Cley Marshes 1/3/09-26/4/09, Haganesvik, Fljot (N Iceland) 4+5/6/09, Freiston (The Wash) 3/10/09, Cley Marshes17/3/10-27/4/10, 11-18/3/11 and 8/3/12, Stiffkey Fen (Norfolk) 24/3/12, Frampton Marsh (Lincs) 20/8/12, Cley Marshes 15-26/4/13 and 7/8/13, Frampton Marsh (Lincs) 11/7/14-8/9/14, Cley Marshes 23+29/3/15, 6/4/16-1/5/16, 2/7/16-2/8/16, 12/4/17, 4/5/17 and 19-29/4/19.

Left leg: **lime** on tibia.
Right leg: **yellow** over **green** on tibia, ***white*** on tarsus (stained red-brown)
Ringed at Holbeach 9/9/02 as a juvenile female.
Movements: Cley Marshes 4-14/5/03, Titchwell 19/5/03 then Cley Marshes again 18/7 to 3/8/03 and 19/8/03, Humber Estuary 12/10/03, Cley Marshes 7-17/3/04, Stiffkey 11/4/04 and Cley Marshes 19/4/04 to 2/5/04.

Left leg: **lime** on tibia.
Right leg: yellow over **lime** on tibia, ***white*** on tarsus.
Ringed at Holbeach 9/9/02 as a juvenile.
Movements: Humber Estuary 7/10/02, 22/10/02, 24/1/03, 8/2/02 and 6/3/02, Snettisham 21/5/03, Burnham Norton 1/6/03, Titchwell 13/7/03, Cley Marshes 3/5/03 and 3/6/03.

Left leg: **lime** on tibia.
Right leg: **yellow** over **red** on tibia, ***white*** on tarsus.
Ringed at Holbeach 9/9/02 as an adult male.
Movements: Colne Estuary (Essex) 19/3/03, Cley Marshes 22-24/3/03 and 11-17/2/05.

Left leg: **lime** on tibia.
Right leg: **yellow** over ***white*** on tibia, ***white*** on tarsus

Ringed at Holbeach 9/9/02 as an adult male.
Movements: Cley Marshes 20-24/3/03, Isle of Tiree 25/4/04 and Colne Estuary (Essex) 21/3/05.

Left leg: **lime** over **black** over **yellow** on tibia.
Right leg: **orange** over **lime** over **orange** on tibia.
Ringed 18/8/08 at Levington Lagoon (Suffolk) as a juvenile and probably a male.
Movements: Alton Water (Suffolk) 1/9/09, Loire (France) 14/2/10, the Netherlands 16/3/10 and Cley Marshes 10/5/10.

Left leg: **lime** over **green** on tibia.
Right leg: **yellow** on tibia, ***white*** on tarsus (stained yellow and red).
Ringed at Terrington 8/9/98 as a juvenile male.
Movements: Lower Derwent Valley (N Yorks) 24/4/00, River IJssel (Netherlands) 3+10/4/01,
E Iceland 25/4/01, Exe Estuary 7/1/02 and 7/2/02, Cley Marshes 16/3/03 to 12/4/03, Titchwell 18/7/03, Exe Estuary (Devon) 27+29/10/03 and Cley Marshes 25/3/05 to 20/4/05.

Left leg: **lime** over **green** over **black** on tibia.
Right leg: **orange** over **lime** over **orange** on tibia.
Metal ring no. EW71024
The bird was in a tight flock and the whole bird was never seen clearly. The OLO rings were seen clearly (but actually thought to have been on the left tibia). Only the green ring was seen clearly on the other tibia. This is the only combination used at that time that fits what was seen (the rings are very low in height and a black ring could easily be missed against the joint).
Ringed 29/9/08 at Levington Lagoon (Suffolk) as an adult male.
Movements: Cley Marshes 9/12/08.

Left leg: **lime** over **green** over **orange** on tibia.
Right leg: **orange** over **lime** over **orange** on tibia.
Metal ring no. EW71054
Ringed at Levington Lagoon (Suffolk) 14/10/08 as a juvenile female.
Movements: Trimley Marshes (Suffolk) 17/10/08 and Cley Marshes 8-14/11/08.

Left leg: **lime** over **lime** on tibia.
Right leg: **green** over **red** on tibia.
Ringed at Langhus, Fljot, N Iceland 4/7/04 as a chick.
Movements: Dee Estuary (Cheshire) 4/5/05, Leighton Moss (Lancs) 2+4/4/06, Holbeach (Wash) 12/8/06, Leighton Moss 22/12/06, Hodbarrow (Cumbria) 28/12/06, Leighton Moss 20+21/3/07, Ribble Estuary (Lancs) 24+25/1/08, Leighton Moss 15/3/08-22/4/08, Dee Estuary 31/1/09-6/3/09, Leighton Moss 20/3/09-25/4/09 and Cley Marshes 28/3/10

Left leg: **lime** over **lime** on tibia.
Right leg: **orange** on tibia, **dark blue** on tarsus.
All rings of normal height.
Ringed 29/10/07 at Slunks, Montrose Basin (NE Scotland) as a first calendar year.
Movements: Montrose Basin 20/11/07, Humber Estuary/Blacktoft Sands 23/6/08-29/7/08, Montrose Basin 4/8/08, Humber Estuary 15/10/08, 29/6/09 and 6/11/09-12/12/09 and Cley Marshes 19/7/10.

Left leg: **lime** over **lime** on tibia.
Right leg: **yellow** on tibia, **dark blue** on tarsus.
Metal ring no.EY48108.
All rings of normal height.
Ringed 28/9/15 at Montrose Basin (NE Scotland) as a first calendar year.
Movements: Montrose Basin 2/10/15, River Colne (Essex) 25/2/16, Cley Marshes 9/8/17-21/9/17.

Left leg: **lime** over **lime** on tibia.
Right leg: **yellow** over ***white*** on tibia.
Ringed at Holbeach (Lincs) 13/8/10.
Movements: Ouse Washes (Cambs) 11/4/12, Porto Alto (Setubal, W Portugal) 5/2/12, Frampton Marsh (Lincs) 7/7/14-28/8/14 and Cley Marshes 25+27/7/16.

Left leg: **lime** over **orange** on tibia.
Right leg: **orange** over **red** on tibia.
Ringed at Dalvik, N Iceland as a pullus 14/7/04.
Movements: Wexford Slobs (S Ireland) 8/10/05-22/1/06, Skrok NR (Wommels, Friesland, N Netherlands) 6-7/4/06, Ribble Estuary (Lancs) 24/1/08, Skrok 24/3/08, Ribble Estuary 14/12/08, Titchwell 10+13/6/10, Cley Marshes 30/7/10-11/8/10 and Stiffkey Fen 22/8/10+3/9/10 and Ribble Estuary 31/10/11.

Left leg: **lime** over **orange** on tibia.
Right leg: **red** on tibia, ***white*** (stained yellow) on tarsus.
Ringed at Holbeach 22/08/05 as a juvenile female.
Movements: Cley Marshes 1/9/05, Burnham Overy 3/9/05, Cley Marshes again 5/9/05, Titchwell 19/11/05, Cley Marshes 9/12/05 and 9/3/06, Titchwell 13/10/06 and Cley Marshes 4/12/06 so apparently spent its first 2 winters along the North Norfolk coast.

Left leg: **lime** over **orange** over **black** on tibia.
Right leg: **yellow** over **red** over **yellow** on tibia, metal ring no. EX68014 on tarsus.
Ringed 5/3/11 at Seaton LNR, Axe Estuary, Devon as an adult female.
Movements: Retrapped Seaton Marshes 10/11/13 and seen there and nearby at Black Hole Marsh to 14/4/14, Frampton Marsh (Lincs) 7-28/8/14, Black Hole Marsh 9/11/14, Seaton 15/2/15, Exminster Marshes (Devon) 14+22/11/15, Cley Marshes 17/4/16 and probably also 8/4/16 (only right leg seen), Bowling Green Marsh (Devon) 24/9/16-19/10/16, Black Hole Marsh 8+18/3/17, Fen Drayton the Berry Fen (Cambs) 22/4/17.

Left leg: **lime** over **red** on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed at Terrington 12/8/98 as an adult female.
Movements: Ouse Washes 22/3/99, Nene Washes 17/4/00, Ouse Washes 12-25/4/01, Snettisham 7/10/01 and 21/4/02, Stour Estuary (Essex) 6/2/03, Ouse Washes 9/4/04 and Cley Marshes 20-25/4/04.

Left leg: **lime** over **red** on tibia, metal on tarsus.
Right leg: **red** over **yellow flag** on tibia.
Ringed 6/7/12 as a chick at Holt (Onundarfjordur, NW Iceland).
Movements: Cork Harbour (S Ireland) 5/5/13 to 28/7/13 and Kelling Water Meadow 10/7/14.

Left leg: **lime** over **red** on tibia.
Right leg: ***white*** over **orange** on tibia.
Ringed at Fljot (N Iceland) on 15/6/04 as a breeding adult.
Movements: Cley Marshes 18-31/8/04, Snettisham 4+6/9/04, Fljot 12/7/05, Cley Marshes 4/8/05 and Welney 28/12/05 and 19/2/06.

Left leg: **lime** over **red** over **dark blue** on tibia.
Right leg: **orange** over **lime** over **orange** on tibia.
Metal ring no. EW71058
Ringed at Levington Lagoon (Suffolk) 28/10/08 as a rst calendar year female.
Movements: Walton-on-the-Naze (Essex) 22/11/08, Cley Marshes 15-25/6/09, 8-9/7/09 and 21/9/09.

Left leg: **lime** over **red** over **green** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Ringed 26/8/11 at Hazlewood Marshes NR, River Alde, Suffolk as an adult.
Movements: Minsmere (Suffolk) 17/9/11 and Cley Marshes 27/2/12.

Left leg: **lime** over **red** over **orange** on tibia.
Right leg: **orange** over **lime** over **orange** on tibia.
Metal ring no. ES38980
Ringed at Levington Lagoon (Suffolk) 14/10/08 as an adult female.
Movements: Cley Marshes 16/6/09

Left leg: **lime** over **red** over **yellow** on tibia.
Right leg: **orange** over **lime** over **orange** on tibia.
Metal ring no. EW71022
Ringed at Levington Lagoon (Suffolk) 29/9/08 as a juvenile male.
Movements: Cley Marshes 22-29/10/08, Holland Haven (Essex) 11-16/1/09 and Cley Marshes 21/6/09.

Left leg: **lime** over ***white*** on tibia.
Right leg: **lime** over **orange** on tibia.
Ringed 10/7/11 at Árnessýsla, S Iceland as an adult male.
Movements: Sado Estuary (W Portugal) 9/2/12, Marskepolder, Wieringen (W Netherlands) 9/2/12, Low Hauxley (Northumberland) 26/4/12, Árnessýsla 6-24/6/12, Cley Marshes 26/4/13, Árnessýsla 4/6/13-7/7/13, Cresswell Pond (Northumberland) 18//8/13 and Tichwell (Norfolk) 29/8/13.

Left leg: **lime** over ***white*** on tibia.
Right leg: **lime** over ***white*** on tibia.
Ringed 7/9/98 at Holbeach as an adult male.
Movements: Cley Marshes 4/3/00.

Left leg: **lime** over ***white*** on tibia.
Right leg: **orange** over **lime** on tibia.
Metal ring no. 631782
Ringed 18/6/10 at Bakkar, Arnessyla, S Iceland as an adult breeding male.

Movements: Cley Marshes 14-18/1/11 and 2-6/2/11, Stiffkey Fen 20/7/11, Cley Marshes 21-26/7/11, 22-23/1/12, 27/2/12 and 7-25/3/13, Town Marshes (Cley) 28/3/13, Cley Marshes 15-17/4/13, 11-31/7/13, 4-5/9/13, 9/3/14, 25/3/15, 20/4/15, Freiston Shore (The Wash, Lincs) 20/9/15, Cley Marshes 27/1/16-2/3/16, 8-12/4/16 and 7/7/16-2/8/16, Freiston Shore 2/11/16, Cley Marshes 4+18/3/17 and 1-2/4/17, Frampton Marsh (Lincs) 26/8/17, Cley Marshes 6/7/18, probably 25/3/19 (upper left ring not seen clearly), 4-19/7/19 and 11/3/20.

Left leg: **lime** over ***white*** on tibia.
Right leg: **red** over **lime** on tibia.
Ringed as an adult breeding male at Anessyla, S Iceland 15/6/10.
Movements: Conwy RSPB 8/8/10 and Blakeney Point 21/4/12.

Left leg: **lime** over ***white*** on tibia.
Right leg: **yellow** over ***white*** on tibia.
Ringed 7/9/98 at Holbeach.
Movements: Ouse Washes (Cambs) 27/2/00, Nene Washes (Cambs) 12/4/00, Eyrarbakki (Árnessýsla, S Iceland) 22-23/4/00, Swavesey (Cambs) 21-224/01, Ouse Washes 9/4/04, Forsæti (Þjorsa, S Iceland) 25/5/04, Snettisham (Norfolk) 2/9/04, Ouse Washes 20/2/05 and 6/3/05, Castro Marim (Algarve, S Portugal) 8/9/05, Snettisham 12/8/06, Swavesey 7/3/07, Paxton Pits (Cambs) 10/3/07, Castro Marim (Algarve, S Portugal) 10/7/07, 4/9/07, 9/7/08 and 15/9/08, Swavesey 27/2/09, Fen Drayton (Cambs) 2/3/09, Veta la Palma (Donana, S Spain) 27/1/11 and Cley Marshes 13/4/11.

Left leg: **lime** over **yellow** on tibia.
Right leg: **red** over **green** on tibia.
Ringed in Golfe du Morbihan (S Brittany), France 26/10/01.
Movements: S France 30/10/01 to 4/4/02, 21/9/02 to 7/4/03, 31/10/03 to 3/2/04 and 27/11/04 to 26/1/05, Cley Marshes 9/4/05.

Left leg: **lime** over **yellow** on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed at Holbeach 22/8/05 as an adult male.
Movements: Welney 5/3/06, Nene Washes (Cambs) 14/1/07, Colne Estuary (Essex) 17/3/07, Cley Marshes 9/4/07, Ouse Washes (Cambs) 21/2/09, Freiston (Wash, Lincs) 23/9/09, Ouse Washes 19/2/12-11/4/12, Freiston 21/9/12, Titchwell (Norfolk) 29/6/13, Frampton Marsh (Lincs) 11/8/13+8/9/13, Welney 1+27/3/14, Frampton Marsh 13/8/14, Welney 25/12/14-11/1/15, Ouse Washes 12/2/15, Frampton Marsh 13+19/7/15, Welney 30/12/15, Snettisham (Norfolk) 5-23/8/16.

Left leg: **lime** over **yellow** on tibia.
Right leg: **yellow** on tibia, ***white*** (not seen) on tarsus.
Ringed at Holbeach 7/9/98 as an unsexed adult.
Movements: Agadir (Morocco) 10/98 and11/98, Schleswig-Holstein (Germany) 3/99, Agadir (Morocco) 10/99, Southport 10/2001 and Cley Marshes 4/4/02. One of the few ringed *islandica* to be recorded in N Africa.

Left leg: **lime** over **yellow** over **red** on tibia.
Right leg: **orange** over **lime** over **orange** on tibia.
Metal ring no. EW71018
Ringed at Levington Lagoon (Suffolk) 28/10/08 as an adult female.

Movements: N Killingholme (Humber Estuary, Lincs) 15/10/08, Luzan Reserve (France 46 59N 02 13W) 27/1/09-26/2/09, Fen Drayton (Lincs) 4/5/09, Orwell Estuary (Suffolk) 5/9/09, Overcote (Gt Ouse, Cambs) 2/1/10, Luzan Reserve 10+12/2/10, Frieston (Wash, Lincs) 16/7/10, Cley Marshes 24/3/11, Blacktoft (Yorks) 27-28/7/11, Orwell Estuary 14/8/11-5/10/11, Welney (Norfolk) 3/11/11 and Cley Marshes 25/11/11.

Left leg: **lime flag** over **lime** over **dark blue** on tibia.
Right leg: **dark blue** over **red** on tibia, metal ring no. 3645804 on tarsus.
Ringed 22/3/07 at the Polder de Zeevang (Kwadijk, Netherlands 52 32N 05 00E).
Movements: Samora Correia ricefields (Portugal 38 57N 08 53W) 27/1/09 to 21/2/10, Noord-en Zuidpolderte (Eemnes, Netherlands 52 16N 05 19E) 18/3/10 and Cley Marshes 1/8/10.

Left leg: **orange** on tibia.
Right leg: **green** over **green** on tibia, ***white*** on tarsus.
Ringed 2/9/19 at Snettisham (the Wash) as a juvenile male.
Movements: Holme (Norfolk) 10/9/19, Boatmere (Lincs, The Wash) 24+27/9/19, Gibraltar Point (Lincs) 30/11/19-1/12/19, Burnham Norton (Norfolk) 9/3/20, Poole Harbour (Dorset) 13/6/20, Cley Marshes 15/6/20, Titchwell (Norfolk) 29/6/20 and Cley Marshes 10/7/20.

Left leg: **orange** on tibia.
Right leg: **green** over **lime** on tibia, ***white*** on tarsus
Ringed 18/11/17 as a juvenile at Terrington (The Wash).
Movements: Cley Marshes 2+19/5/18.

Left leg: **orange** on tibia.
Right leg: **green** over **orange** on tibia, ***white*** on tarsus
Ringed 1/9/19 as an adult at Snettisham (the Wash).
Movements: Freiston Shore (Lincs) 16/11/19 and Cley Marshes 6+8/2/20, 6+9/3/20 and 2-3/7/20, Frampton Marsh (Lincs) 13/9/20, Cley Marshes 26/2/21, Stiffkey (Norfolk) 1+8+22/3/21 and Cley Marshes 31/3/21+18-25/11/21.

Left leg: **orange** on tibia.
Right leg: **green** over **red** on tibia, ***white*** on tarsus (stained yellow)
Ringed 18/11/17 as a juvenile at Terrington (The Wash).
Movements: Cley Marshes 16+19/5/18.

Left leg: **orange** on tibia.
Right leg: **green** over ***white*** on tibia, ***white*** on tarsus.
Ringed 1/9/19 as an adult female at Snettisham (the Wash).
Movements: Snettisham 1+6/3/20, Aldcliffe (Lune Estuary, Lancs) 28/3/20, Titchwell 1+24/9/20, Cockerham Sands (Lune Estuary, Lancs), Newton Marsh (Preston, Lancs) 24/12/20, Aldcliffe 15/2/21+6/3/21 The Snab (Lune Estuary, Lancs) 9+12/3/21, Conder Green (Lune Estuary, Lancs) 13+14/3/21, Leighton Moss (Lancs) 21/4/21 and Cley Marshes 26-27/8/21.

Left leg: **orange** on tibia.
Right leg: **lime** over **lime** on tibia, ***white*** on tarsus
Ringed 2/9/19 at Snettisham (the Wash).
Movements: Snettisham 19/9/19, Burnham Overy Staithe (Norfolk) 20/1/20+19/2/20, Titchwell (Norfolk) 13/3/20 and Cley Marshes 17/3/20.

Left leg: **orange** on tibia.
Right leg: **orange** over **lime** on tibia, ***white*** on tarsus
Ringed 19/11/17 as a juvenile at Terrington (The Wash).
Movements: Cley Marshes 4-19/12/17, Kelling Water Meadow 12/12/17.

Left leg: **orange** on tibia.
Right leg: **orange** over **red** on tibia, ***white*** on tarsus (stained yellow to orange).
Ringed 18/11/17 as a first calendar year at Terrington (The Wash).
Movements: Frampton Marsh (Lincs) 24/2/18, Cley Marshes 6+16-19/5/18 and 21/8/17.

Left leg: **orange** on tibia.
Right leg: **red** over **red** on tibia, ***white*** (stained pale yellow) on tarsus.
Ringed 2/9/19 at Snettisham (the Wash).
Movements: Snettisham 19/9/19, Burnham Overy Staithe (Norfolk) 19/2/20, Cley Marshes 11-17+26/3/20.

Left leg: **orange** on tibia.
Right leg: ***white*** over **lime** on tibia, ***white*** on tarsus (stained yellow)
Ringed 19/11/17 as a first calendar year at Terrington (The Wash).
Movements: Cley Marshes 16/12/17-19/5/18 also being seen at Kelling Water Meadow 20/12/17, 9+25/1/18, 5+26/2/18, 7/3/18.

Left leg: **orange** on tibia.
Right leg: **yellow** over **red** on tibia, ***white*** (can be stained orange-brown) on tarsus.
Ringed 18/11/17 as an adult male at Terrington (The Wash).
Movements: Cley Marshes 10/8/18, 24/4/19, 1-24/8/19 and 12/3/20, Snettisham (Norfolk) 11/3/20, Stiffkey (Norfolk) 20/3/20, Cley Marshes 19/8/20-11/9/20 and 31/7/21-31/8/21.

Left leg: **orange** on tibia.
Right leg: **yellow** over **yellow** on tibia, ***white*** (stained yellow) on tarsus.
Ringed 2/9/19 as a juvenile male at Snettisham (the Wash).
Movements: Frampton Marsh (Lincs) 21+26/9/19, 17/12/19, 5/1/20, 7/2/20 and 22+25/5/20, Titchwell (Norfolk) 10/6/20, Burnham Overy Staithe 13/6/20 and Cley Marshes 3+28/7/20.

Left leg: **orange** on tibia, **red** on tarsus.
Right leg: **red** over **blue** on tibia.
All rings of normal height.
Ringed 5/9/10 at Farlington Marshes, Langstone Harbour, Hampshire as an adult male.
Movements: Clonakilty (Co Cork, Ireland) 16/10/10, Timoleague (Co Cork) 10/8/11-28/9/11, Rosscarbery (Co Cork) 7+13/10/11 and Cley Marshes 22-25/7/12.

Left leg: **orange** over **black** on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed at Holbeach 9/9/02 as an adult female.
Movements: Cley Marshes 19-28/3/04, Ribble Estuary (Lancs) 25/11/04, Colne Estuary (Essex) 24/4/05, Cley Marshes 29/5/05 to 22/6/05, Ribble Estuary 30/10/05 and Dee Estuary 23/11/05.

Left leg: **orange** over **black** on tibia.

Right leg: **green** over ***white flag*** on tibia.
Ringed 28/6/11 at Austurey, Árnessýsla, S Iceland as a day old chick.
Movements: Cley Marshes 19/6/12-12/7/12, Frampton Marsh (Lincs) 21/8/12, Heacham (Norfolk) 17+19/9/12, Cley Marshes 19-26/4/13 and 14/7/13, Frampton Marsh (Lincs) 8/9/13, Snettisham (Norfolk) 29/3/14+5/4/15, Freiston Shore (Lincs) 20/9/15 and Nene Washes, (Cambs) 25/3/16.

Left leg: **orange** over **black** on tibia.
Right leg: **lime** over ***white*** on tibia.
Ringed 9/9/02 at Holbeach as an adult female.
Movements: Snettisham 2/8/03, Breydon Water on 7 dates 12/12/03 to 23/3/04, on 4 dates 24/10/04 to 3/12/04 and 16/10/05, then Berney Marshes 27/11/05 and Cley Marshes 2/8/06.

Left leg: **orange** over **black** on tibia.
Right leg: **orange flag** over **red** on tibia.
Ringed 11/11/15 at Les Portes-en-Re (France 46 14N 01 30W) as an adult male.
Movements: Les Portes-en-Re 9/1/16, Cley Marshes 28/7/16-6/8/16 and probably 17+19/8/16.

Left leg: **orange** over **black** on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed initially at Easington (Humber Estuary) 24/1/11, then caught again and fitted with colour-rings at Terrington (the Wash) 2/9/11.
Movements: Terrington 14/1/12 (recaught), Snettisham (Norfolk) 17/9/12 and Cley Marshes 12/4/13.

Left leg: **orange** over **black** on tibia.
Right leg: **yellow** over ***white*** on tibia.
Ringed at Holbeach 9/9/02 as an unsexed adult.
Movements: Cley Marshes 21/3/03, Breydon Water 23/3/03 and Cley Marshes 12/2/05.

Left leg: **orange** over **green** on tibia.
Right leg: **green** over **lime** on tibia.
Ringed 27/4/00 at Amessysla (S Iceland) as an adult male.
Movements: Stour Estuary 24+25/2/01, E Iceland 29/4/02, Dee Estuary (Cheshire) 11/1/04, Ouse Washes 9/4/04, Stubbom Sand (Wash, Norfolk) 7/8/04, Snettisham 4+5/9/04, Cley Marshes 11-21/4/05, Dee Estuary 22/11/05-28/1/06, Ouse Washes 14/4/06, Eyjafjordur (N Iceland) 15/7/06, Dee Estuary 1/11/06-20/12/06, Fen Drayton (Cambs) 18/2/07-13/3/07 and Welney 6/4/07.

Left leg: **orange** over **green** on tibia.
Right leg: **lime** over ***white*** (stained yellow) on tibia.
Ringed 9/9/02 at Holbeach as an adult female.
Movements: Cley Marshes 19/4/05.

Left leg: **orange** over **green** on tibia.
Right leg: **orange** over **green flag** (can be stained black) on tibia.
Ringed 19/2/07 at the Tagus Estuary (Setubal, W Portugal) as an adult male.
Movements: Tagus Estuary 19/2/07-15/3/07, Welney 9/4/07, Cley Marshes 16/7/07 and 9/8/07-17/10/07, Tagus Estuary again 3/11/07 to 3/3/08, Earith (Cambs) 24/3/08, Altafjordur

(Hofn, E Iceland) 30/4/08 to 1/5/08, Cley Marshes 3/8/08, Kelling Water Meadow 5-6/8/08, Blakeney Harbour 14/8/08, Cley Marshes 29/8/08-9/9/08, Tagus Estuary 12/11/08-4/1/09, Cley Marshes 11-15/3/09, 28/6/09-28/7/09, Tagus Estuary 25/10/09-15/3/10, Oronsay (Colonsay, Argyll) 19/4/10, Cley Marshes 19/7/10, Freiston (Lincs) 12/9/10, Tagus Estuary 8/12/10-25/2/11, Shannon (Co Clare, Ireland) 24/4/11, Cley Marshes 7/8/11-5/10/11, Tagus Estuary 11/11/11, Sado Estuary (Setubal) 11/2/12, Ouse Washes (Cambs) 11/4/12, Cley Marshes 28/6/12-1/9/12, Tagus Estuary 20/2/13, Stalhille (Jabbeke, Brugge, W Belgium) 12/3/13, Fen Drayton (Cambs) 27/3/13, Ouse Washes (Cambs) 17/4/13, Loch Gilp (Argyll) 21/4/13, Lingham Lake (Nosterfield Reserve, Yorks) 23/6/13, Cley Marshes 24/6/13-31/7/13, Tagus Estuary 13-18/2/14, Berry Fen (Earith, Cambs) 14/4/14, Cley Marshes 27/6/14-16/7/14, Stiffkey Fen (Norfolk) 3/8/14, Frampton Marsh (Lincs) 20+22/9/14 and Freiston Shore (Lincs) 29/9/14.

Left leg: **orange** over **green** on tibia.
Right leg: ***white*** over **green** on tibia.
Ringed at Golfe du Moribhan (S Brittany, France) 26/10/01.
Movements: River Tamar, Plymouth 23+27/12/02 and Cley Marshes 17/7/03.

Left leg: **orange** over **green** on tibia.
Right leg: **yellow** over ***white*** on tibia.
Ringed at Holbeach 9/9/02 as an unsexed adult.
Movements: Cley Marshes 21+30/3/03.

Left leg: **orange** over **green** over **orange** on tibia.
Right leg: **orange** over **lime** over **orange** on tibia.
Metal ring no EW71385.
Ringed at Levington (Orwell Estuary, Suffolk) as a first calendar year female 17/11/17.
Movements: Titchwell (Norfolk) 3/5/18, Gibraltar Point (Lincs) 4/5/18 and Cley Marshes 5-16/5/18.

Left leg: **orange** over **lime** on tibia (both discoloured).
Right leg: **blue** on tibia, **blue** over metal ring no. EL97297 on tarsus.
All rings of lower height.
Ringed 26/9/11 at Slunks, Montrose Basin (NE Scotland) as a first calendar year.
Movements: seen regularly at Montrose Basin to 13/4/12, Blyth Estuary (Northumberland) 18/5/12, Cley Marshes 27/8/12-8/9/12, Minsmere (Suffolk) 9/7/13, Altafjordur (E Iceland) 2/5/15, Freiston Shore (Lincs) 20+27/9/15 and Cley Marshes 12-20/8/19.

Left leg: **orange** over **lime** on tibia.
Right leg: **green** on tibia, ***white*** (can be stained yellow to red) on tarsus.
Ringed 13-3-05 at Berney Marshes as an adult female.
Movements: Cley Marshes 24/3/05 to 14/4/05, Breydon Water 29/8/05, Cley Marshes 15-19/10/05, 1+3/11/05, Breydon Water 15+24/4/06, Cley Marshes 12/7/06 to 7/12/06 (also being seen nearby in the Square at Salthouse 17+19/9/06, Kelling Water Meadow 21+24/9/06, Salthouse 17-18/10/06, 23/11/06 and 29/11/06 to 1/12/06), Cley Marshes 12-24/4/07 and 8/9/07, Kelling Water Meadow 13+14/9/07, Cley Marshes 5/10/07-5/11/07.

Left leg: **orange** over **lime** on tibia, no rings on tarsus.
Right leg: **green** on tibia, large metal on tarsus.
Colour-rings of low height.

Bird appeared to be an adult male.
Movements: Cley Marshes 12/4/13 and 4-5/8/14.
The bird appears to be the following bird now minus the red lower right tibia ring.

Left leg: **orange** over **lime** on tibia.
Right leg: **green** over **red** on tibia.
Ringed 20/7/99 as a chick at Ekra in East Iceland.
The chick had been knocked down by an Arctic Skua and had then run under a small birch bush. The ringer, Pete Potts, scared off the skua then rescued and ringed the chick. The skua in the meantime knocked a juvenile Redshank out of the sky in a puff of feathers and ate that one instead!
Movements: Eden Estuary (Fife) 5/11/99, Quoile Pondage (Co. Down, Ireland) 4/5/00, Seaton Carew 27/5/00 to 2/6/00, Humber Estuary 12/8/00, Höfn, A-Skaftafellssýsla (E Iceland) 3/5/01, Humber Estuary 9/8/01, Snettisham 7/10/01, Cley Marshes 16/2/02 and 21-23/3/03, seen at its breeding-site at Búðavatn, Hérað (E Iceland) 22/5/03, Höfn 1/5/08, Isle of Skye 6/7/10, Réserve Naturelle C4, Les Portes-en-Ré (Charente Maritime, W France) 20/8/10 and Medway Estuary (Kent) 27/11/10.

Left leg: **orange** over **lime** on tibia.
Right leg: **lime** over ***white*** on tibia.
Ringed at Holbeach (Wash) on 9/9/02.
Movements: Wieringen (N Holland, W Netherlands) 25/1/03, Breydon Water (Norfolk) 11-31/8/03, Wieringen 25/1/04, Breydon Water 3+29/8/04, Brjánsstaðir (Árnessýsla, S Iceland) 26/4/05, Breydon Water 9/9/05-16/10/05, Wieringen 11-12/06, Minsmere (Suffolk) 24/7/07, Breydon Water 16/12/07 and 7/3/09, Hippolytushoef, (Normerven-East, N Holland, W Netherlands) 7/4/09, Cley Marshes 8/12/10, Hippolytushoef 15-16/4/11, Skrins (Wommels, Freisland, N Netherlands) 11/3/12, Wieringen 31/3/12 and Hippolytushoef 9/4/12.

Left leg: **orange** over **lime** on tibia.
Right leg: **lime** on tibia, ***white*** (stained orange-brown) on tarsus.
Ringed at Breydon Water on 13/3/05 as an adult female
Movements: Breydon Water 17/4/05, Deben Estuary (Suffolk) 24/9/05, Berney Marshes 27/11/05 and 8/2/06, Breydon Water 4/3/06 and 15/4/06, Cley Marshes 11+16/7/06 and 11-30/10/06. Also seen at Salthouse 27/10/06.

Left leg: **orange** over **lime** on tibia.
Right leg: **orange** over **lime** on tibia.
Ringed in Amessysla (S Iceland) on 27/4/00 as an adult female.
Movements: Amessysla 28/4/00, Snettisham 27/8/00, Ouse Washes 9-27/4/01, Nene Washes 29/4/01, Welney 24/2/02 and 2/3/03, Thames Estuary (Essex + Kent shores) 19/8/03 to 2/9/03. First seen at Cley Marshes 12+13/4/04 when well on the way to attaining full breeding plumage. The following spring seen at Ouse Washes 6/3/05 and Cley Marshes again 5-7/5/05 when she only had traces of breeding plumage. Next seen in Eyjafjordur (N Iceland) 14-15/6/05 still predominantly in winter plumage so presumably not attempting to breed. Then returned to England being seen in the Thames Estuary 26/6/05, Colne Estuary (Essex) 7+22/7/05 and Welney 9/2/06. Visited Cley Marshes again 3-6/6/06 when in full grey winter-type plumage so she had failed to attain breeding plumage in 2 consecutive years. Then seen at Trimley Marshes (Suffolk) 20/6/06 and 4/7/06, Colne Estuary (Essex) 8+10/8/06, Holbeach 12/8/06, Tegus Estuary (Setubal, W Portugal) 27/1/07 and Oare Marshes (Kent) 16/3/07.

Left leg: **orange** over **lime** on tibia.
Right leg: **red** over ***white*** on tibia.
Ringed 9/9/02 at Holbeach as an adult male.
Movements: Cley Marshes 20-23/3/03.

Left leg: **orange** over **orange** on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed 2/9/11 at Terrington.
Movements: Cley Marshes 27/6/12-25/7/12 and 23/8/12.

Left leg: **orange** over **red** on tibia.
Right leg: **green** ring over **orange** ring with black code **Z** on tibia.
Ringed 25/5/17 at Stora Hof, Eystri Ranga, S Iceland (63.79N 20.20W) as an adult male.
Movements: Clonakilty Bay (Cork, S Ireland) 2/8/17, Heybridge (Blackwater Estuary, Essex) 12+16/9/17, Thurrock Thameside (Essex) 2+3/10/17, Cliffe Pools (Kent) 3/11/17, Thurrock Thameside 30/12/17-19/1/18 + 7-28/10/18 + 12/1/19-12/4/19, Altafjordur (E Iceland) 18/4/19, Titchwell (Norfolk) 16+27/7/19, Thurrock Thameside 11/9/19-13/12/19 and Cley Marshes 13/7/20.

Left leg: **orange** over **red** on tibia.
Right leg: **red** on tibia, ***white*** on tarsus.
Ringed 13/3/05 at Breydon Water as an unsexed adult.
Movements: Cley Marshes 11-22/4/05 and 1/4/06 then Breydon Water 24/4/06.

Left leg: **orange** over **red** on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed 13/8/10 at Holbeach.
Movements: Welney 23/2/11, Ouse Washes (Cambs) 19/2/12, Snettisham 23/8/12, Fen Drayton (Cambs) 20+24/2/13, Nene Washes (Cambs) 1/4/13, Loch Gilp (Argyll) 21/4/13, Paxton Pits (Cambs) 18-19/2/13, Leighton Moss (Lancs) 12/4/14, Snettisham 10/8/14, Frampton Marsh (Lincs) 25/8/14+8/9/14, Welney 20-21/11/14, Álftafjörður (E Iceland) 1/5/15 and Cley Marshes 2/8/15.

Left leg: **orange** over **red** on tibia.
Right leg: **yellow** over **red flag** on tibia.
Ringed 16/7/08 as a chick at Knappsstadir, Fljot, SW of Siglufjordur, N Iceland (65 58N 18 58W).
Movements: Cley Marshes 6-7/11/09.

Left leg: **orange** over ***white*** on tibia.
Right leg: **green** on tibia, ***white*** on tarsus.
Ringed 22/8/05 at Holbeach as an adult female.
Movements: Cley Marshes 19/2/06-6/3/06.

Left leg: **orange** over ***white*** on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed 2/8/03 at Terrington as a juvenile.
Movements: Burnham Overy 16/6/04, Kirton Marsh (Lincs) 19/11/04 and Cley Marshes 12+14/4/05.

Left leg: **orange** over ***white*** (can be stained yellow) on tibia.
Right leg: **lime** on tibia, ***white*** (can be stained red) on tarsus.
Ringed 22/8/05 at Holbeach.
Movements: Nene Washes (Cambs) 14/1/7, Fen Drayton (Cambs) 21/2/07, Paxton Pits (Cambs) 10/3/07, Welney 19/12/07, Brjánsstaðir (Árnessýsla, S Iceland) 25/4/08, Freiston (Lincs) 17/9/08, Fen Drayton 24/2/09, Swavesey (Cambs) 27/2/09, Freiston 2/10/09, Welney 28/3/10, Gravesend (Kent) 8/1/11, Welney 20/3/11, Cley Marshes 8+12/4/11 and 10/8/11-21/9/11.

Left leg: **orange** over ***white*** (has been stained pale yellow) on tibia.
Right leg: **red** on tibia, ***white*** (has been stained orange-red) on tarsus.
Ringed 22/8/05 at Holbeach as a juvenile and probably a male.
Movements: Cley Marshes 11/4/06, Burnham Norton 16/4/06, Cley Marshes 17/4-1/5/06, 1-10/6/06, 17/9/06 to 29/1/07 also visiting Salthouse 3/11/06, Cley Marshes again 20-28/12/07 and 29/6/08.

Left leg: **orange** over ***white*** on tibia.
Right leg: **red** over ***white*** on tibia.
Ringed 31/8/03 at Terrington as a juvenile.
Movements: Cley Marshes 29/9/03, Oare Marshes (Kent) 11+16/06/04 and Pyefleet Channel (Essex) 25/10/04.

Left leg: **orange** over **yellow** on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed 9/9/02 at Holbeach as a juvenile female.
Movements: Cley Marshes 30/4/03.

Left leg: **orange** over **yellow** on tibia.
Right leg: **lime** over ***white*** on tibia.
Ringed 9/9/02 at Holbeach as an adult female.
Movements: Stour Estuary (Essex) 21 to 24/10/02, Holland Haven (Essex)13/1/03, Stour Estuary 6/2/03 and Cley Marshes 15-21/4/03.

Left leg: **orange** over **yellow** on tibia.
Right leg: **red** over **green flag** on tibia.
Ringed 25/11/07 on the Tagus Estuary, Setubal, W Portugal as an adult male. It had a radio-tag attached to its mantle feathers which will have been lost during its spring moult.
Movements: Tagus Estuary to 11/3/08, Kalkense Meersen Nature Reserve (Oost Vlaanderen, C Belgium) 14/3/08, Jisp (Noord-Holland, N Netherlands) 22/4/08 and Cley Marshes 21/7/08.

Left leg: **orange** over **yellow** on tibia.
Right leg: **red** over **lime** on tibia.
Ringed in South Iceland 27/4/00 as an adult female.
Movements: South Iceland 3/7/00, Cley Marshes 8+25+30/7/00, Titchwell 10/9/00, Snettisham 22/9/00, Ouse Washes 23/4/01, Cley Marshes 26/7/01-21/9/01, 29/3/02-6/4/02, 25/8/02 and 3/9/02, Humber Estuary 18/12/02, Cley Marshes 28/2/03 to 25/4/03 and 13-18/7/03, Humber Estuary 24/8/03 and 4/9/03, Dublin Bay (E Ireland) 30/1/05, Saint-Brevin-Les-Oins (Loire Estuary, France) 19/9/09.

Left leg: **orange** over **yellow** on tibia.
Right leg: ***white*** on tibia, ***white*** on tarsus.
Ringed at Holbeach 22/8/05 as an adult male.
Movements: Tagus Estuary (W Portugal) 16+18/2/07, 8/1/03 and 11/3/08, Cley Marshes 22/8/08.

Left leg: **orange** over **yellow** on tibia.
Right leg: **yellow** over ***white*** on tibia.
Ringed at Holbeach 9/9/02 as a juvenile.
Movements: Cley Marshes 20+30/4/03, Baie de l'Aigullon (France) 2+7/10/03, Stour Estuary(Essex) 23/3/04 to 19/4/04, Santona, Cantabria (Spain) 8+27/11/04 and Stour Estuary 25/3-19/4/05.

Left leg: **orange flag** over ***white*** on tibia.
Right leg: **green** over **black** on tibia.
Metal ring no. F575061.
Ringed 13/2/09 as a second calendar year at the Moeze Nature Reserve on the Atlantic coast of France (45 53N 01 05W).
Movements: Moeze area to 13/3/09, Saint-Denis-du-Payre (France 46 24N 01 14W) 8-17/4/09, Guerande (France 47 11N 02 16W) 10/2/10, Bouin (France 46 57N 02 00W) 7/3/10, Moeze area 28/7/10-17/12/10, Noirmoutier-en-l'Ile (France 46 59N 02 14W) 31/3/11, Ouderkerk-sur-L'Amstel (Netherlands 52 17N 04 55E) 6/4/11, Asbyrgi (Iceland 66 01N 16 30W) 24/5/11, Moeze area 12/10/11, Esnandes (France 46 15N 01 08W) 12/2/12, Noirmoutier-en-l'Ile 15/3/13 and Cley Marshes 24-25/7/13.

Left leg: **orange flag** over **yellow** on tibia.
Right leg: **green** over **dark blue** on tibia.
Metal ring no. F567932.
Ringed 8/11/07 as a first calendar year male at the Moeze Nature Reserve on the Atlantic coast of France (45 53N 01 05W).
Movements: Charron (France 46 17N 01 07W) 8-9/04/08, Saint-Denis-du-Payre (France 46 24N 01 14W) 19/4/08, Moeze area 4/8/08-11/1/09, Ile-d'Olonne (France 46 33N 01 47W) 7-16/4/09, Moeze area 25/8/09+28/9/09, Ars-en-Re (France 46 12N 01 30W) 24/11/09, Moeze area 23/12/09+13/2/10, Ile-d'Olonne 22-30/3/10, Moeze area 5-6/9/10, Ile-d'Olonne 29-30/3/11, Arnessysla (Iceland 68 37N 20 14W) 21/4/11, Moeze area 22/7/11-19/2/12, Ile-d'Olonne 2-3/4/12, Moeze area 9/7/12-7/2/13 and Cley Marshes 25/7/13.

Left leg: **orange flag** over **yellow** on tibia.
Right leg: **yellow** over **black** on tibia.
Metal ring no. F568014.
Ringed 11/11/07 at the Moeze Nature Reserve on the Atlantic coast of France (45 53N 01 05W) as a female in at least its second calendar year.
Movements: Moeze area to 28/11/07 and 26-28/2/08, Ouderkerk-sur-L'Amstel (Netherlands 52 17N 04 55E) 4+6/4/08, Snettisham (Norfolk) 16/8/08, Loix (France 46 13N 01 26W) 2/12/08, Moeze area 4/12/08-27/2/09, Zevenhoven (Netherlands 52 10N 04 46E) 16/6/09, Moeze area 13/2/10, Saint-Denis-du-Payre (France 46 24N 01 14W) 31/3/10, Wormer (Netherlands 52 50N 04 52E) 2+9/4/11, Ile-d'Olonne (France 46 33N 01 47W) 14/4/11, Ars-en-Re (France 46 12N 01 30W) 18/9/11, Moeze area 10/10/11-7/3/12, Hippolytushoef

(Netherlands 52 53N 04 56E) 24/3/12, Moeze area 6/12/12-5/2/13, Werkendam (Netherlands 51 47N 04 47E)18/3/13, Hippolytushoef 10/4/13 and Cley Marshes 31/7/13.

Left leg: **red** on tibia.
Right leg: **green** over **lime** on tibia, ***white*** (stained pale yellow) on tarsus.
Ringed 31/7/00 at Terrington as an adult male.
Movements: Ouse Washes 26/2/01, 19/3/01, 23/3/01, 11/4/01 and 23/4/01, E Iceland 2+3/5/01, Snettisham 27/4/02, E Iceland 3+4/5/02 and 29/4/03 to 5/5/03, Ouse Washes 9/4/04 and Cley Marshes 15-16/12/04.

Left leg: **red** on tibia.
Right leg: **red** over **orange** on tibia, ***white*** (stained pale yellow) on tarsus.
Ringed at Holbeach (Lincs) 12/8/06.
Movements: Welney 31/3/07+6/4/07, Nene Washes (Cambs) 9/3/08, Thames Estuary 10+12/7/08, Welney 28/3/10, Freiston (Lincs) 1/8/10, Humber Estuary 6/12/10, Welney 12/2/11-20/3/11, Blakeney Freshes 15-16/2/12, Cley Marshes 19/2/12 and 5-6/7/12.

Left leg: **red** on tibia.
Right leg: **yellow** over **orange** on tibia, ***white*** on tarsus.
Ringed 12/8/06 at Holbeach (Wash).
Movements: Blackwater Estuary (Essex) 1/3/07, Colne Estuary (Essex) 7/3/07-1/4/07, Halakot (Flói, Árnessýsla, S Iceland) 24/5/08-16/6/08 and 11/5/09, Freiston (Lincs) 12/09/10, Wallasea (Essex) 6/11/10, Brockholes Reserve (Preston, Lancs) 17/4/12 and Cley Marshes 24/8/12.

Left leg: **red** on tibia.
Right leg: **yellow** over ***white*** on tibia, ***white*** on tarsus.
Ringed 2/8/96 at Terrington as an unsexed adult.
Movements: Holbeach (Wash) 29/8/96, 18/9/97 and 20/9/97, Cley Marshes 3-9/4/98, Ouse Washes 9/3/00, 29/3/01, 8/4/02 and 23/1/03, Welney 2/3/03, Humber Estuary 2/8/04, Ouse Washes 6/3/05, Blackwater Estuary (Essex) 23/4/05 and Cley Marshes 16-17/7/05.

Left leg: **red** on tibia, **red** on tarsus.
Right leg: **orange** over **black** on tibia.
Ringed 5/9/10 at Farlington Marshes LNR, Langstone Harbour, (Hants).
Movements: Langstone Harbour 8/12/10, Titchfield Haven NNR (Hants) 26/2/11+5/3/11, Medway Estuary (Kent) 27+31/3/11, Langstone Harbour 11/8/11-1/9/11, Portsmouth Harbour (Hants) 27/11/11-12/2/12, Medway Estuary 25/3/12-30/3/12 and 13/7/12-7/8/12, Pagham Harbour (Sussex) 17/12/12, Loch Bhasapol (Tiree, Argyll) 29/4/13, Cley Marshes 14-17/7/13 and Langstone Harbour 22/8/13.

Left leg: **red** over **black** on tibia.
Right leg: **red** over **lime** on tibia.
Ringed 24/4/00 near Reykjavik (SW Iceland) as an adult male.
Movements: Reykjavik 25-26/4/00, Fljot (N Iceland) 17/7/01, Snettisham 7+19/10/01, Cley Marshes 31/10/01, Fljot 9/7/02, Wexford Slobs (S Ireland) 27+31/12/02 and Exe Estuary (Devon) 1/3/03 and Killingholme (Humber Estuary) 7/9/06.

Left leg: **red** over **black** on tibia.
Right leg: **yellow** over **orange** on tibia.

Ringed 20/6/05 at Friðland, Árnessýsla, S Iceland as an adult.
Movements: Árnessýsla 4/8/05 and 24/6/06, Two Tree Island (Essex) 12/9/06, Árnessýsla 8+14/5/07, Two Tree Island 18/7/08, Thames Estuary 21/3/09 + 18/1/10, Bondre du Briolet La-Turballe, (Loire-Atlantique, W France) 15/3/10, Two Tree Island 4/9/10 + 29/8/11, Cley Marshes 28/6/13 and Oare Marshes (Kent) 5/7/13.

Left leg: **red** over **black** over **green** on tibia.
Right leg: **yellow** over **red** over **yellow** on tibia.
Metal ring no. EX68102.
Ringed 18/1/15 at the Axe Estuary, Seaton (Devon) as an adult female.
Movements: Axe Estuary 12/3/15, Titchfield Haven NNR (Hants) 20/4/15-112/5/15, Oare Marshes (Kent) 23/6/15-18/10/15, Swale Estuary (Kent) 15/11/15, Oare Marshes 5/12/15-26/12/15, East Tilbury (Thames Estuary) 31/12/15, Oare Marshes 21/2/16-24/4/16, Álftafjörður (Starmýri, E Icelad) 3/5/16, Buckenham Marshes (Norfolk) 8/7/16 and Cley Marshes 13/7/16.

Left leg: **red** over **black flag** on tibia.
Right leg: **black** over **lime** on tibia.
Ringed 6/11/18 at Welwick Saltmarsh (N Humber Estuary) as an adult.
Movements: Pyewipe (Grimsby) 21/11/18, Cley Marshes 20/7/19, Snettisham (Norfolk) 16/2/20, Holkham Freshmarsh (Norfolk) 5/3/20 and Cley Marshes 23/3/20.

Left leg: **red** over **black flag** on tibia.
Right leg: **black** over ***white*** on tibia.
Ringed 25/10/18 at Welwick Saltmarsh (N Humber Estuary) as a 1cy female.
Movements: Cley Marshes irregularly 2-10/6/19 and 1-15/7/19.

Left leg: **red** over **black flag** on tibia.
Right leg: **black** over **yellow** on tibia.
Ringed 25/10/18 at Welwick Saltmarsh (N Humber Estuary) as a 1cy male.
Movements: Cley Marshes 22/5/19, Breydon Water (Norfolk) 26/5/19 and Cley Marshes 10/6/19.

Left leg: **red** over **black flag** on tibia.
Right leg: **blue** over **black** on tibia.
Ringed at Welwick Saltmarsh (N Humber Estuary) 6/11/18 as an adult female.
Movements: Leighton Moss (Lancs) 11/7/19 and Cley Marshes 27-28/7/20.

Left leg: **red** over **black flag** on tibia.
Right leg: **orange** over **black** on tibia.
Ringed at Welwick Saltmarsh (N Humber Estuary) 6/11/18 as a 1cy.
Movements: Welney WWT 22/2/19 and Cley Marshes irregularly 21/6/19-22/7/19.

Left leg: **red** over **black flag** on tibia.
Right leg: **orange** over ***white*** on tibia.
Ringed at Welwick Saltmarsh (N Humber Estuary) 3/2/18 as a first winter.
Movements: Kilnsea (E Yorks) 17/3/18+3/4/18, Alkborough Flats (Lincs) 4/4/18, Blacktoft Sands (E Yorks) 2/8/18, Oare Marshes then Leysdown-on-Sea (Kent) 20/7/19 and Cley Marshes 6+8+12/2/20 and 7/12/20.

Left leg: **red** over **black flag** on tibia.
Right leg: **orange** over **yellow** on tibia.
Ringed at Welwick Saltmarsh (N Humber Estuary) 10/12/18 as a 1cy male.
Movements: Kilnsea Wetlands (N Humber Estuary) 4/2/19, Blacktoft Sands RSPB (SW Humber Estuary) 16/5/19, Cley Marshes irregularly 18/6/19-22/7/19, Brancaster (Norfolk) 19/2/20 and 8+17/3/20, Frampton Marsh (Lincs) 27+30/8/20, North Killingholme Pits (S Humber Estuary) 23/9/20, Breydon Water 17/11/20, Cley Marshes 19/12/20, Pyewipe (N Lincs) 11/4/21, Cley Marshes 8-13/8/21 and 17-25/11/21.

Left leg: **red** over **black flag** on tibia.
Right leg: **red** over **orange** on tibia.
Ringed 25/10/18 at Welwick Saltmarsh (N Humber Estuary) as a 1cy.
Movements: Holderness Drain (Hull) 20/11/18, Saltend (N Humber Estuary) 4/12/18, Cley Marshes 2/6/19 and Minsmere 26/6/19.

Left leg: **red** over **black flag** on tibia.
Right leg: **red** over **red** on tibia, metal ring no. EL 69511 on tarsus
It couldn't be seen that there definitely were two not one colour-ring on the right tibia but the total height was similar to that of the ring plus flag on the left.
Ringed Welwick Saltmarsh Ponds (Humber Estuary) 31/10/15 as an adult.
Movements: Paull Holme Strays (Humber) 17/1/16+4/3/16, Cley Marshes irregularly 8-30/4/16, Stiffkey Fen 1/5/16.

Left leg: **red** over **black flag** on tibia.
Right leg: **red** over **yellow** on tibia.
Aged as a 2cy when seen at Cley but the above individual was
Ringed at Welwick Saltmarsh (N Humber Estuary) 6/11/18 as an adult.
Movements: Cley Marshes 28/5/19+17/6/19.

Left leg: **red** over **black flag** on tibia.
Right leg: ***white*** over **black** on tibia.
Ringed 6/11/18 at Welwick Saltmarsh (N Humber Estuary) as an unsexed adult.
Movements: Welney WWT 22/2/19, Cley Marshes 20/4/19-9/5/19.

Left leg: **red** over **black flag** on tibia.
Right leg: ***white*** over **lime** on tibia.
Ringed at Welwick Saltmarsh (N Humber Estuary) 6/11/18 as a 1cy.
Movements: Cley Marshes 8/6/19, Minsmere 26/6/19.

Left leg: **red** over **black flag** on tibia.
Right leg: ***white*** over **orange** on tibia.
Ringed 25/10/18 at Welwick Saltmarsh (N Humber Estuary) as an unsexed adult.
Movements: Cley Marshes irregularly 1-24/4/19+20/5/19.

Left leg: **red** over **black flag** on tibia.
Right leg: ***white*** over **yellow** on tibia..
Ringed at Welwick Saltmarsh (N Humber Estuary) 10/12/18 as a 1cy.
Movements: Kilnsea Wetlands (N Humber Estuary) 29/12/18, Pyewipe (Grimsby) 30/1/19, Blacktoft Sands RSPB (S Humber Estuary) 16/5/19, Burgh Castle (Breydon Water, Norfolk)

25+26/5/19, Cley Marshes irregularly 31/5/19-1/7/19, Blakeney Point 9/7/19, Titchwell 17/7/19 then caught by the Wash Ringing Group at Snettisham 3/8/19.

Left leg: **red** over **blue** over **lime** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Ringed 25/9/15 at Iken, River Alde, Suffolk as an adult male.
Movements: Cley Marshes 29/4/16.

Left leg: **red** over **green** on tibia.
Right leg: **black** on tibia, ***white*** on tarsus.
Ringed at Holbeach 12/9/95 as an adult female.
Movements: Holbeach 20/9/97, Cley Marshes 31/3/98 to 23/4/98, Humber 24/8/98 to 14/10/98, Ouse Washes 22/3/99, Rutland Water 27/6/99, Humber 5/9/99, 12/8/00 to 25/10/00, Neeedingworth (Cambs) 12/2/01, Ouse Washes 9+24/4/01 and Nene Washes 26/4/01, Humber Estuary 31/8/01- 28/10/01, Cley Marshes 27+29/4/02.

Left leg: **red** over **green** on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed at Holbeach 30/8/96 as an adult male.
Movements: Snettisham 6/7/97, Dee Estuary 16/2/98, Pilling Marsh (Lancs) 27-28/2/99, Dee Estuary 12/4/99, Minsmere 15/7/99, Ribble Estuary 5/1/00 and 31/3/00, Jersey 29/7/00, Holbeach 31/8/00, Ribble Estuary 5+19/12/00 and Cley Marshes 3/3/02.

Left leg: **red** over **green** on tibia.
Right leg: **green** over **yellow flag** (stained red) on tibia.
Ringed 26/6/12 at Kaldaðarnes, Árnessýsla, S Iceland as a chick.
Movements: Humber Estuary 21+29/8/12, Cley Marshes 17/5/13-27/6/13 also being seen at Salthouse Marshes 26/5/13 and Frampton Marsh (Lincs) 11/8/13.

Left leg: **red** over **green** on tibia.
Right leg: **lime** on tibia, ***white*** (can be stained yellow) on tarsus.
Ringed at Holbeach 7/9/98 as a juvenile male.
Movements: Breydon Water 24/2/01, North Iceland 1/5/01 and 18/7/01, Cley Marshes 4 dates 7/3 to 6/4/02, Snettisham 14/4/02, North Iceland 24/4/03 and 7/5/03, Humber Estuary 15/8/03, Cley Marshes 19-24/3/04, 18-22/4/04, 21/3/05 to 20/4/05 and 23/7/05, the Humber Estuary 30/7/05, Cley Marshes 22+26/2/06 and 29/3-22/4/06, Humber Estuary 10/8/06 and 3/9/06 then Cley Marshes again 22-23/2/07 and 21+26/3/07.

Left leg: **red** over **green** on tibia.
Right leg: **red** over ***white flag*** (can be stained **yellow**) on tibia.
Ringed 24/6/10 at Bakkar, Armyssysla (S Iceland) as a pullus .
Movements: East Halton Skitter (N Lincs) 25/8/10, Cley Marshes 13/9/10, 2/10/10-19/11/10, Hayle Estuary (Cornwall) 22/11/10+3/12/10, Amble Marshes (Cornwall) 13/2/11 and Cley Marshes 8/4/11-25/6/11.

Left leg: **red** over **green** (with black stains) on tibia.
Right leg: ***white*** (stained yellow) on tibia, ***white*** (stained orange) on tarsus.
Ringed at Terrington 15/8/95 as an adult female.
Movements: Dollard (Germany) 28/2/98, Weiringen (Netherlands) 12+18/4/98 and 17+23/4/99, Cley Marshes 29/5/99, Snettisham 30/7/99, Weiringen (Netherlands)

12+20/3/00, 3+24/4/00, Snettisham 27/8/00, Breydon Water 2/9/00, 14/10/00 and 16/8/01, Titchwell 14/9/02, Snettisham 24/9/02, W Iceland 27+28/4/03, Snettisham 2/8/03, Breydon Water 22+30/9/03 and 27/10/03, Snettisham 7/8/04, Cley Marshes 1/10/04, 5-7/10/04, Ouderkerk (N Netherlands) 19/3/05 and Cley Marshes 12-13/8/05.

Left leg: **red** over **green** (with black stains) on tibia.
Right leg: **yellow** on tibia, ***white*** on tarsus.
Ringed at Holbeach 12/9/95 as an adult female.
Movements: Borrisokane (Tipperary, Ireland) 2/97, Breydon Water 8+9/00, Weiringen (Netherlands) 12/4/01 and Cley Marshes the following day 13/4/01.

Left leg: **red** over **green** over **lime** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Metal ring no.EW90516.
Ringed 18/9/09 at Hazelwood Marshes NR, River Alde, Suffolk.
Movements: Orfordness (Suffolk) 19/12/09, Hagi (Aðaldalur, Suður Þingeyjarsýsla, N Iceland) 28/6/10+14/7/10, Blyth Links (Northumberland) 30/7/13, Fen Draton (Cambs) 24/2/14, Nene Washes (Cambs) 4/4/16, Hazelwood Marshes 3/8/16-11/9/16, Lady Fen (Norfolk) 19/1/17, Welney WWT 23/11/17-28/3/18+26/1/19+21/3/19, Blythburgh (Suffolk) 28/7/19, Aldeburgh (Suffolk) 19/8/19, Boyton (Suffolk) 30/9/19, Welney WWT 18+19/10/19 and Cley Marshes 16/11/19.

Left leg: **red** over **lime** on tibia.
Right leg: **green** over **green flag** on tibia.
Ringed at Samouco, Tagus Estuary, Setubal, W Portugal 10/8/10 as an adult male.
Movements: Tagus Estuary 10/8/10-22/2/11, Stora Hildisey (Landeyjar, Rangarvallasysla, S Iceland) 20/4/11, Tagus Estuary19-25/2/12, Schaalsmeerpolder (Wormer, N Holland, W Netherlands) 29/3/12, Grafarvogur (Reykjavik, SW Iceland) 25-26/4/12 and Cley Marshes 6/7/12.

Left leg: **red** over **lime** on tibia.
Right leg: **red** over **yellow flag** on tibia.
Ringed as an adult female 19/6/14 Kaldaðarnes (Árnessýsla, S Iceland).
Movements: Cley Marshes 3/8/14-10/10/14 also visiting Kelling Water Meadow on 9/8/14.

Left leg: **red** over **lime** on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed at Holbeach 22/8/05 as an adult female.
Movements: Cley Marshes 4/7/06, Breydon Water 18/7/06, Snettisham 29/7/06, Santo Estevão (Sétubal, W Portugal) 24/1/07, Fen Drayton (Cambs) 12/3/07, Salthouse Marshes 4/7/07, Tagus Estuary (W Portugal) 8/1/08+20/2/08, Vogalækur (Mýrar, W Iceland) 20/4/09, Tagus Estuary 23/9/10, Melasveit (Borgarfjarðarsýsla, W Iceland) 22/4/11 and Cley Marshes 3/7/12.

Left leg: **red** over **lime** on tibia.
Right leg: **yellow** over ***white*** with code **X** on tibia.
Ringed in W Iceland 20/4/03 as an adult male.
Movements: W Iceland 19+23/4/04, Cley Marshes 8/7/04.

Left leg: **red** over **orange** on tibia.

Right leg: **green** over **lime** on tibia.
Ringed 24/4/00 near Rejkjavik (SW Icaeland) as an adult.
Movements: Rejkjavik 25/4/00, Shannon Estuary (Co Clare, W Ireland) 21/9/01, Golfe du Morbihan (Brittany, NW France) 30/10/01, Shannon Estuary 6/9/02, Langhus (Fljot, N Iceland) 23/4/03 and Cley Marshes 9/7/07.

Left leg: **red** over **orange** on tibia.
Right leg: **lime** on tibia, ***white*** (stained orange-yellow) on tarsus.
Ringed 22/8/05 at Holbeach as a juvenile female.
Movements: Nene Washes (Cambs) 14/1/07, Cley Marshes 26-28/7/07, Welney 8/2/08, Greonterp (Friesland, N Netherlands) 31/3/08, Cley Marshes 20/2/09-15/3/09, Welney 20/2/11, Cley Marshes 17/7/11-1/8/11 and Landeyjar (Rangarvallasysla, S Iceland) 15/4/12.

Left leg: **red** over **orange** on tibia.
Right leg: **lime** over **orange** on tibia.
Ringed in Eyjafjordur (N Iceland) 1/6/03 as a breeding female.
Movements: Cley Marshes 17-22/3/04, Leidschendam (South Holland) 26/3/04, Cley Marshes 3/4/04 and 21-30/4/04, Titchwell 26/6/04, Humber Estuary 7/7/04, Cley Marshes 17/11/04 and 14-15/4/05, Eyjafjordur 11/6/05, Berney Marshes 8/2/06, Breydon Water 2/3/06, Soulaire-et-Bourg (Maine-et-Loire, France) 3/3/06, Wieringen-Normerven (N Holland, W Netherlands) 26/4/06, Eyjafjordur 11/7/06 and Ardevon (Normandy, N France) 14/9/06.

Left leg: **red** over **orange** on tibia.
Right leg: **lime** over **red flag** on tibia.
Ringed at Stadur, Reykholar (NW Iceland) 7/7/07 as a chick.
Movements: Alkborough Flats (N Lincs) 28/11/07 and 4/12/07, Burnham Overy 17/5/08 and Cley Marshes 9/6/08 to 16/8/08.

Left leg: **red** over **orange** on tibia.
Right leg: **red** on tibia, ***white*** on tarsus.
Ringed at Holbeach (Lincs) 22/8/05 as a juvenile male.
Movements: Baie de l'Aiguillon (W France) 15/12/06, Cley Marshes 10/7/07, Baie de l'Aiguillon 3/10/07, Thames Estuary (Kent) 10+12/7/08, Two Tree Island (Essex) 18/7/08, Medway Estuary (Kent) 12/9/08, Port du Collet (Bouin, W France) 16/10/09, Gunnarsholt (Rangarvallasyssla, S Iceland) 27-28/4/10, Colne Estuary (Essex) 24+30/8/10, Medway Estuary 29/3/11+4/4/11, Gunnarsholt 15/6/11, Medway Estuary 29/7/11-6/10/11, 27/3/12, 11/4/12, Stour Estuary (Essex) 9/8/12-22/9/12, 22+26/10/13, 4-18/4/14, 10/8/14-31/10/14, 20/7/15-13/11/15, 23/3/16, 27/7/16-6/10/16, 11/3/17-15/4/17, 22/8/17-4/1/18, Colne Estuary 17/4/18, Stour Estuary 4+22/8/18, Orwell Estuary (Suffolk) 1/8/19, Stour Estuary 12-22/8/19 and Cley Marshes 31/3/21-27/4/21.

Left leg: **red** over **orange** rings on tibia.
Right leg: **red** ring over **orange** ring with black code **Z** on tibia.
Ringed 13/6/12 at Bakkar, Arnessyla, S Iceland as an adult breeding female.
Movements: Bakkar 24/6/12, Leighton Moss (Lancs) 26/4/13, Bakkar 9/5/13-15/6/13, Oare Marshes (Kent) 15-23/7/13, Frampton Marsh (The Wash) 14/9/13, Titchwell (Norfolk) 2/2/14-24/3/14, Bakkar 24/6/12, Leighton Moss (Lancs) 26/4/13, Bakkar 9/5/13-15/6/13, Oare Marshes (Kent) 15-23/7/13, Frampton Marsh (The Wash) 14/9/13, Titchwell (Norfolk) 2/2/14-24/3/14, Snettisham (Norfolk) 18/8/14, Freiston Shore (The Wash) 29/9/14, Titchwell

13/12/14-11/3/15 and 9/7/15, Frampton Marsh 17/8/15, Tichwell 20/11/15-29/1/16, Cley Marshes 3/2/16-2/3/16+20/3/16-2/4/16, Titchwell 23/4/16, Friðland (Iceland) 29/4/16 and 5/5/16.

Left leg: **red** over **orange** rings on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed as a juvenile 22/9/17 at Terrington (The Wash) 22/9/17.
Movements: Cley Marshes 25-29/9/17+11/10/17 and Titchwell 31/10/17.

Left leg: **red** over **orange** on tibia.
Right leg: **yellow** over ***white*** on tibia.
Ringed 9/9/02 at Holbeach (the Wash) as an adult male.
Movements: Altafjordur (E Iceland) 30/4/03, Breydon Water 23/3/04-1/4/04, Egilsstadir (E Iceland) 3-12/5/05, Breydon Water 4/3/06 and 8-10/2/07 and Cley Marshes 22-24/4/07.

Left leg: **red** over **orange** over **black** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Metal ring no.EY70121.
Ringed 28/8/16 at Iken (River Alde, Suffolk).
Movements: Hazlewood Marshes (Suffolk) 5/9/16 + 29/7/17, North Warren (Suffolk)4/1/18, Aldeburgh Town Marshes (Suffolk) 9/8/19, Hazlewood Marshes12/8/19, Aldeburgh Town Marshes 19/8/19, Mistley Walls (Essex) 28+30/12/19, Stutton (Suffolk) 12/1/20, Mistley Walls 12-17/1/20, Iken 6/2/20, Kirton Creek (Suffolk) 17/11/20, Martlesham Creek (Suffolk) 25/1/21, Melton (Suffolk)27/1/21, Waldringfield (Suffolk) 1/2/21 and Cley Marshes 1/8/21.

Left leg: **red** over **red** on tibia.
Right leg: **green** over **lime** on tibia.
Ringed at Alftafjordur (E Iceland) 4/5/00 as an adult male.
Movements: E Iceland 20/5/00, Ouse Washes 4+5/3/02, Cley Marshes 24/3/03, Eyjafjardarsysla (N Iceland) 24/4/03, 27/4/03 and 24/4/04, Cley Marshes 17-19/3/05, Welney 5+26/3/06, Earith (Cambs) 22/3/07, Welney 31/3/07 and 6/4/07.

Left leg: **red** over **red** on tibia.
Right leg: **orange** over ***white flag*** (stained black) on tibia.
Ringed 16/6/12 at Kaldaðarnes, Árnessýsla, S Iceland as a chick.
Movements: Old Hall Marshes (Essex) 27/5/13, Holland Haven (Essex) 29/5/13, then seen irregularly at Cley Marshes 16/6/13-17/9/13 also visiting Burnham Overy (Norfolk) 18/6/13.

Left leg: **red** over **red** on tibia.
Right leg: **red** on tibia, ***white*** on tarsus.
Ringed as an at.
Movements: Cley Marshes 31/3/21+15/4/21.

Left leg: **red** over **red** on tibia.
Right leg: **red** over ***white*** on tibia.
Ringed at Cherry Cobb (Humber Estuary) 10/10/06 as an adult female.
Movements: Humber Estuary 11/3/07, Cley Marshes 13-14/7/07, 7-16/8/07 and 30/8/07-11/10/07, Humber Estuary 23/1/08 + 18/3/08, Breydon Water 10+13/4/08, Cley Marshes 26/6/08, Humber Estuary 10/12/08+15/1/09, Cley Marshes 13-14/9/09, Humber Estuary 9/10/09-26/11/09, Breydon Water 7/3/10, Humber Estuary 20/8/10-16/1/11, Cley Marshes 7-

15/9/11, Humber Estuary 9/2/12, Minsmere 17/4/12, Stiffkey Fen 1/8/12 and Cley Marshes 23/8/12-13/9/12.

Left leg: **red** over **red** on tibia.
Right leg: **red** over ***white*** with black code **X** on tibia.
Ringed at Alftafjordur (E Iceland) 3/5/03 as an adult probable male.
Movements: Alftafjordur 4-5/5/03, Breydon Water 14/7/03, Stiffkey Fen 19/7/03, Ribble Estuary (Lancs) 22/9/03, Clonakilty (Co. Cork, S Ireland) 19/10/03, Breydon Water 23/3/04, Cley Marshes 30/3/04 to 24/4/04, Titchwell 14/7/04, Breydon Water 13+26/8/04, Snettisham 29/8/04, Cley Marshes 17/3/05 to 29/4/05, Alftafjordur (staging site) 1/5/05, Breydon Water 29/8/05, Cley Marshes again 9/2/06-30/4/06 also being seen in Blakeney Harbour 7+12/4/06, Killingholme (Humber Estuary, Lincs) 11/10/06, Cley Marshes 9/1/07-24/4/07 also being seen nearby at Salthouse 27/2/07 and in Blakeney Harbour 12/3/07, Breydon Water 13/7/07 to12/8/07, Killingholme 8/9/07 to 23/1/08 (also visiting Paull, E Yorks 13/10/07), Cley Marshes 11/2/08-26/4/08 also visiting Blakeney Harbour 4/3/08, Alftafjordur 2/5/08, Killingholme 6+24/10/08 and Cley Marshes 21/11/08-20/3/09.

Left leg: **red** over **red** on tibia.
Right leg: **yellow** on tibia, ***white*** on tarsus.
Ringed 2/9/19 as an adult at Snettisham (the Wash).
Movements: Freiston Shore (Lincs) 16/11/19, Holme (Norfolk) 23/2/20, Cley Marshes 11+13+19/2/20, 6+14+17+26/3/20 and 30-31/3/21, Breydon Water (Norfolk) 4/4/21.

Left leg: **red** over **red** on tibia.
Right leg: **yellow** over **lime** on tibia, metal on tarsus.
Ringed Alftafjordur (E Iceland) 3/5/00 as an adult female.
Movements: Egilstadanes (E Iceland) 20/5/00, Snettisham 3+6/9/00, Cley Marshes 22/2/01, Snettisham 7+1910/01, Chichester Harbour 2/2/02, Berney Marshes 16/2/02, Cley Marshes 30/3/02-3/4/02, Snettisham 21/4/02, Cley Marshes 13/7/02, Snettisham 25/7/02, Chichester Harbour 15/11/02, Ouse Washes 22+26/1/03, River Ijssel (C Netherlands) 7/3/03, Brancaster Staithe 8/4/03, Cam Washes (Cambs) 17+21/4/03, Chichester Harbour 2/3/04 and Wyre Estuary (Lancs) 30/9/06.

Left leg: **red** over ***white*** on tibia.
Right leg: **green** over **lime** on tibia.
Ringed 5/6/10 at Floagfl, Arnessysla (S Iceland) as a breeding male.
Movements: Arnessysla 27/4/11 and Cley Marshes 19/7/11.

Left leg: **red** over ***white*** on tibia.
Right leg: **green** over ***white*** with black code **X** on tibia.
Ringed in SW Iceland 27/4/02 as an adult female.
Movements: SW Iceland 28/4/02 to 2/5/02, River Orwell 4/4/03 and Breydon Water 18/7/03, 23/8/03 and 30/9/03, Cley Marshes 16/3/04.

Left leg: **red** over discoloured ***white*** on tibia.
Right leg: ***white*** (stained pale yellow) over **black** on tibia.
All rings low in height.
Ringed 10/7/13 at Vatnsholt, Grimsnes, Arnessysla (S Iceland) as a chick.

Movements: Frampton Marsh (Lincs) 20-26/4/14, Gibraltar Point NNR (Lincs) 1/5/14, Cley Marshes 23/5/14, Gibraltar Point 26/7/14, Frampton Marsh (Lincs) 10/9/14, Sutton Gault (Ouse Washes, Cambs) 12/2/15.

Left leg: **red** over ***white flag*** on tibia.
Right leg: metal ring no. 4025388 over **red** over ***white*** on tibia.
Ringed 10/2/15 in rice fields at Don Benito, Extremadura (Spain 39 01N 05 55W).
Movements: Cley Marshes 28/7/15-11/8/15.

Left leg: **red** over ***white*** with black code **8** on tibia.
Right leg: ***white*** over **orange** on tibia.
Ringed 15/7/10 at Siglufjordur, N Iceland as an adult male.
Movements: Dee Estuary (Cheshire) 21/12/10-3/2/11, Marshside (Merseyside) 30/11/11, Dee Estuary 17/1/12, Leighton Moss (Lancs) 31/3/12+1/4/12, Siglufjordur 18/6/12, Cley Marshes 24/6/12, Minsmere (Suffolk) 25/6/12, Cley Marshes 26/6/12-21/8/12, Dee Estuary 2/2/13, Caldy (Merseyside) 19-30/4/13, Siglufjordur 20/5/13+16/6/13, Frampton Marsh (Lincs) 3/10/13, West Kirby (Merseyside) 31/3/14, Frampton Marsh 6/7/14-8/9/14, Dee Estuary 6/11/14-6/12/14, Marshside 21/12/14, Leighton Moss 21-29/3/15, Álftafjörður (E Iceland) 30/4/15+2/5/15, Siglufjordur 8+9/5/15, Frampton Marsh 12-19/7/15, Carnforth (Lancs) 7/4/16, Leighton Moss 9+29/4/16, Siglufjordur 3/5/16-22/6/16, Cley Marshes 23/7/16+1/8/16.

Left leg: **red** over **yellow** on tibia.
Right leg: **green** over **yellow** ring with black **H** on tibia.
Ringed .
Movements: Cley Marshes 16/7/21

Left leg: **red** over **yellow** on tibia.
Right leg: **orange** over ***white*** on tibia.
Ringed at Terrington 3/9/04 as an adult female.
Movements: Langstone Harbour (Hants) on 16 dates from 28/9/04 to 11/12/04, Titchfield Haven (Hants) 22+29/1/05, Langstone Harbour again 3+21/2/05, Titchfield Haven 26/2/05, Langstone Harbour on 7 dates from 19/3/05 to 13/4/05 then on 20 dates from 24/9/05 to 14/2/06, Titchfield Haven (Hants) on 4 dates from 16/2/06 to 25/2/06, Langstone Harbour 14/3/06 and Cley Marshes 12/7/06.

Left leg: **red** over **yellow** on tibia.
Right leg: **red** over **red** on tibia.
Ringed at Saudarkrokur (N Iceland) 10/7/02 as a chick.
Movements: Cley Marshes 15/8/07, Minsmere 15/3/09-3/4/09 and Cley Marshes 10/9/09.

Left leg: **red** over **yellow** on tibia.
Right leg: **red** over **red flag** on tibia.
Ringed at Langhus, Fljot, (N Iceland) 11/7/09 as a chick.
Movements: Humber Estuary 12/8/09-16/2/10, Cley Marshes 29/5/10-6/6/10, 21-23/6/10 and 10/7/10, Freiston (Lincs) 12/9/10 and Cley Marshes 3-5/10/10.

Left leg: **red** over **yellow** red on tibia (left tarsus severed).
Right leg: **red** over ***white*** with black code **X** on tibia.
Ringed at Alftafjordur (E Iceland) 3/5/03 on Spring passage as an adult probable female .

Movements: Seen the day after ringing (same location) then at Snettisham 17/9/04, Cley Marshes then Salthouse on 29/9/04 (tarsus first noted as being severed), Kelling Water Meadow 2/10/04, Cley Marshes 3-11/10/04, Breydon Water 25/9/05, Welney 27/2/06, Humber Estuary 11/10/06, Nene Washes (Cambs) 7/12/06, 14/1/07 and 27/1/07, Ouse Washes (Cambs) 12+14/3/07 and Welney 31/3/07 and 6/4/07. So clearly surviving well despite its severed leg.

Left leg: **red** over **yellow** rings on tibia.
Right leg: ***white ring*** over **lime flag** on tibia.
Ringed at Fljot (N Iceland) 18/7/06 as a chick.
Movements: Barton-on-Humber (Lincs) 3/11/06, North Killingham Haven (N Lincs) 15/1/07, East Halton Pits (N Lincs) 27/1/07-8/3/07, North Killingham Haven 10/5/07, Gibraltar Point NNR (Lincs) 15-23/5/07, Cley Marshes 9-20/6/07 and 2-3/7/07, Salthouse Marshes 6/7/07.

Left leg: **red** over **yellow** on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed at Holbeach 22/8/05 as an adult female.
Movements: Freiston (Wash) 17/10/05 and Cley Marshes 9/3/06.

Left leg: **red** over **yellow** on tibia.
Right leg: ***white*** over ***white*** with black code **X** on tibia.
Ringed 13/7/11 at Siglufjordur (N Iceland) as an adult female.
Movements: Siglufjordur 14/7/11, Cley Marshes 19-20/7/11, Shapwick Heath NNR (Somerset) 17+20/3/13, Alkborough Flats (North Lincs) 10+17/4/13, Stiffkey Fen 21/4/14.

Left leg: **red** over **yellow** over **black** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Metal ring no. EY70122.
Ringed 28/8/16 at Iken, River Alde, Suffolk as an adult male.
Movements: Oare Marshes (Kent) 22/3/17, Cley Marshes 10-24/7/17 +12/8/17, Conyer (Swale Estuary, Kent) 8/4/18 and Cley Marshes 15/7/18+17-21/8/18.

Left leg: **red** over **yellow** over **green** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Ringed 23/7/10 at Hazlewood Marshes NR, River Alde, Suffolk as an adult female.
Movements: Welney, Ouse Washes 8-15/2/11 and Cley Marshes 19/4/11.

Left leg: ***white*** on tibia.
Right leg: **green** over **red** on tibia, ***white*** (stained pale yellow) on tarsus.
Ringed at Holbeach 30/8/96 as an adult female.
Movements: Breydon Water 25/9/96, Stour Estuary (Essex) 21/1/97 and 2/2/97, Cley Marshes 12/4/98, Breydon Water 25/7/98, 28/8/98, 13/8/00, 9/9/00, 30/9/00 and 14/10/00, Ouse Washes 27/2/01 and 16/4/01, Breydon Water 21/4/01, Marshside, Ribble Estuary (Lancs) 4/7/01, Breydon Water 6/7/01, Snettisham 8/8/03, Minsmere 28/6/05 and Cley Marshes 1/4/06.

Left leg: ***white*** on tibia.
Right leg: **lime** over **black** on tibia, ***white*** (stained yellow) on tarsus.
Ringed at Terrington 13/7/02 as a second calendar year male.

Movements: Holbeach 9/9/02, Dungarvan (Co. Waterford, Ireland) 20/11/02 then Cley Marshes 20/3/03 to 9/4/03, 23/3/04 to 7/4/04 and 15-31/3/05.

Left leg: ***white*** (stained yellow) on tibia.
Right leg: **lime** over **red** on tibia, ***white*** (stained orange) on tarsus.
Ringed in the Wash 20/10/01 as a first calendar year male.
Movements: Welney 17/4/02 and Cley Marshes 21/6/02 to 4/7/02.

Left leg: ***white*** on tibia.
Right leg: **red** over ***white*** on tibia, ***white*** on tarsus (not seen).
Ringed with a metal ring on the Wash 31/7/92, recaught at Holbeach 30/8/96 and colour-ringed as an adult female.
Movements: Holbeach 20/9/97, Breydon Water 26/10/97, Ouse Washes 22/3/99, Nene Washes11-12/4/00, SW Iceland 25/4/00, Ouse Washes 22+26/2/01, Welney 24/2/02, Camperduin (Netherlands) 20/4/02, Snettisham 27+28/4/02, Blackwater Estuary (Essex) 28/1/03 and 4/3/04, Cley Marshes 11/3/04 and Ouse Washes 30/3/04.

Left leg: ***white*** on tibia.
Right leg: ***white*** over **lime** on tibia, ***white*** (stained yellow) on tarsus.
Ringed at Holbeach on 23/8/01 as a juvenile probably male.
Movements: Welney 4/02, Cley Marshes 5-6/02, Humber Estuary 21+22/9/02, Cley Marshes 17-21/4/03 and 28/11/06, Salthouse 28/11/06-1/12/06.

Left leg: ***white*** on tibia, **lime** (not seen) on tarsus.
Right leg: **yellow** on tibia.
The bird was seen well and photographed but was standing in grass. No colour-ring was seen on either tarsus as it walked around but this bird appears to be the only one with the correct tibia ring combination.
Ringed at Amessysla (S Iceland) 24/6/02 as a chick.
Movements: Loch of Strathbeg (Aberdeens) 13/8/02, Colne Estuary (Essex) 2/4/03, 21/8/05 and 23/1/06, Cley Marshes 24/4/06, Northward Hill (Kent) 9+14/7/06, Colne Estuary10/8/06, Fingringhoe Wick (Essex) 5/9/06, Colne Estuary 20/9/06 and Mistley (Stour Estuary, Essex) 10/3/07.

Left leg: ***white*** on tibia, **red** on tarsus.
Right leg: **green** over **yellow** on tibia.
Ring no. ER61998
Ringed at Farlington Marshes (Langstone harbour, Hants) 20-10-95 as an adult male.
Movements: Warsash (Hants) 4/11/95, Langstone Harbour (Hants) 6/11/95, Pennington Marshes (Hants) 20/1/96, Langstone Harbour 24/9/96 to 12/10/96, Keyhaven Marshes (Hants) 8/12/96, Pennington Marshes 19+26/12/96, Langstone Harbour 27/12/96, Beaulieu Estuary 22/2/97, Keyhaven Marshes 23/3/97, Rye Bay 19/5/97, Langstone Harbour 27/9/97, Chichester Harbour 22/11/97, Langstone Harbour 2/9/98 to 17/12/98, Chichester Harbour 11+22/1/99, Ouse Washes 11+22/4/00, Portsmouth Harbour 20/1/01, Keyhaven Marshes 19/2/01, Pennington Marshes 25/2/01, S Iceland (63.33N 19.45W) 7/8/01, Langstone Harbour 19/10/01 to 8/3/02 and 25/9/02 to 24/11/02, Titchfield Haven 2+5/1/03, Bistern (Avon Valley) 12/1/03, Ouse Washes 8/4/03, Christchurch Harbour 9/11/03 and 13/12/03, Langstone Harbour 21/9/04, Chichester Harbour 7/10/04, Langstone Harbour 30/11/04 to 25/12/04 and 22/8/05 to 6/10/05, Cley Marshes 23/8/06 to 7/9/06, Chichester Harbour

16/9/06, Langstone Harbour 26/9/06 to 19/10/06 and Cley Marshes 25/7/07-3/9/07 when also seen at Salthouse Marshes 25/8/07.

Left leg: ***white*** on tibia, **red** on tarsus.
Right leg: **yellow** over **black** on tibia, metal ring no EL69072 on tarsus.
Ringed at Farlington Marshes (Langstone Harbour, Hants) 5/9/10 as a male in at least its 2cy.
Movements: Langstone Harbour 13/12/10, Chichester Harbour (W Sussex) 27+29/1/11, Titchfield Haven (Hants) 17/2/11, Langstone Harbour 19+24/3/11, Langstone Harbour 22/8/11-10/3/12, Chichester Harbour 15/3/12, Medway Estuary (Kent) 25-26/3/12+15/7/12, Langstone Harbour 25/7/12, Pagham Harbour (W Sussex) 30/12/12+30/1/13, Chichester Harbour 4/3/13-6/4/13, Langstone Harbour 27/8/13, Chichester Harbour 4+18/12/13, Pagham Harbour 2-3/2/14, Medway Estuary 21/3/14, Oare Marshes (Kent) 11-21/4/14, Langstone Harbour 20/9/14-25/10/14, Chichester Harbour 26/10/14-6/2/15, Medway Estuary 26/3/15, Chichester Harbour 10+16/4/15, Arnessysla (S Iceland) 21/4/15, Langstone Harbour 9/8/15-15/10/15, Chichester Harbour 15/3/16, probably at Cley Marshes 16/4/16, Frampton (Wash) 7/8/16, Langstone Harbour 12/9/16-24/11/16, Chichester Harbour 30/11/16+11/2/17, Mucking (Essex) 21/3/17, East Tilbury (Essex) 12/4/17, Langstone Harbour 15/7/17-9/9/17+7/2/18, Chichester Harbour 16-17/4/18, Pagham Harbour 3/7/18, Oare Marshes 7/7/18+20/8/18, Pulborough Brooks (W Sussex) 30/12/18, Cley Marshes 1/7/19.

Left leg: ***white*** on tibia, **red** on tarsus.
Right leg: **yellow** over **lime** on tibia.
All tibia rings of low height.
Ring no. ER61993
Ringed at Farlington Marshes (Hants) 20/10/95 as an adult female.
Movements: Farlington Marshes 8/11/95, Hampshire and Sussex Estuaries 3/8/96 to 13/2/97, 14/9/97 to 11/11/97 and 24/7/98 to 17/11/98, Pagham Harbour 27/3/99, Hampshire and Sussex Estuaries 21/8/99 to 10/12/99, Ouse Washes 9/3/00, N Iceland 14/7/00, Hampshire and Sussex Estuaries 1/9/00 to 4/11/00 and 22/7/01 to 19/2/02, Welney 24/2/02, Hampshire and Sussex Estuaries 23/8/02 to 24/10/02, Cley Marshes 2-22/4/03, Hampshire and Sussex Estuaries 13/8/03 to 22/2/04, Slimbridge (Gloucs) 22/4/04, Hampshire and Sussex Estuaries 26/8/04 to 2/2/05, 1/9/05 to 6/12/05 and 23/8/06 to 26/12/06, Fen Drayton (Cambs) 12+15/3/07, Welney 31/3/07, Chichester Harbour (Sussex) 9/8/07 to 29/11/07 and Cley Marshes then Blakeney Freshmarsh on 1/2/08. After the one-day sighting at Cley cold weather meant that it headed back to the south coast being seen at Lymington (Hants) 3+4/2/08!!!

Left leg: ***white*** over **black** on tibia.
Right leg: **orange** over ***white*** on tibia.
Ringed 24/1/04 at Terrington as an adult male.
Movements: Cley Marshes 26+28/3/05.

Left leg: ***white*** over **black** on tibia.
Right leg: **red** over **red** on tibia, metal no.568491 on tarsus.
Ringed 5/7/05 at Isafjard NW Iceland, as a chick.
Movements: remained in NW Iceland to 20/8/05, Caerlaverock (Dumfries) 28/8/05, Leighton Moss (Lancs) 24/11/05, Cork Harbour (Ireland) 18/12/05, Leighton Moss 30/9/06, Dee Estuary (Cheshire) 17/11/06, Caldy (Cheshire) 11/2/07, Isafjard 4-9/5/07, Dee Estuary 24/10/07, Ribble Estuary (Lancs) 25/1/08, Morecambe (Lancs) 4/3/08, Leighton Moss 15+21/3/08, Holmere Tarn (Lancs) 21/3/08+10/4/08, Leighton Moss 19-20/4/08, Ribble

Estuary 3/9/08, Dee Estuary 28/11/08-4/3/09, Gilroy Nature Park (Merseyside) 11/3/09, Cley Marshes 28/3/10, Holt (NW Iceland) 29/4/11+8/7/11, Orwell Estuary (Suffolk) 8/8/11, Leighton Moss 1/4/12, Holt (NW Iceland) 6/7/12, Snettisham (Norfolk) 17/9/12, Ouse Washes (Cambs) 20/1/13, Mistley (Essex) 31/1/13, Snettisham 1/9/13, Medway Estuary (Kent) 7/3/14, Ísafjarðarsýsla (NW Iceland) 6/7/14, Oare Marshes (Kent) 15/7/14, Freiston Shore (Lincs) 29/9/14, Leighton Moss 11-25/4/15, Ísafjarðarsýsla 2/5/15, Mistley 10-27/1/16, Cley Marshes 9/7/16, North Bay (South Uist) 30/4/17, Cley Marshes 7/7/17 and Heybridge (Blackwater Estuary, Essex) 31/7/17-14/8/17.

Left leg: ***white*** over **black** on tibia.
Right leg: ***white*** over **black** on tibia.
Ringed at Kaldaðarnes, Árnessýsla, S Iceland as a chick 4/7/13.
Movements: Thurstaston Shore (Dee Estuary, Merseyside) 11-19/10/13, Leighton Moss (Lancs) 12/7/14, 20/2/15 and 14-29/4/15, Cley Marshes 12/8/15-16/9/15, Leighton Moss 28/4/16-1/5/16 and Hauke-Haien-Koog (Schleswig-Holstein, Germany) 17+20/8/16.

Left leg: ***white*** over **black** on tibia.
Right leg: **yellow** on tibia, ***white*** on tarsus.
Ringed at Terrington 30/8/96 as an adult female.
Movements: Holbeach 18/9/97 then no further sightings until Freiston (The Wash, Lincs) 11/9/05 and Cley Marshes 4-5/8/06

Left leg: ***white*** over **black** on tibia.
Right leg: **yellow** over **lime** on tibia.
Ringed at Altafjordur (E Iceland 64 32N 14 35W) 3/5/00 as an adult female.
Movements: Oare Marshes (Kent) 3+4/10/00, Snettisham (Norfolk) 14+27/4/02, Holbeach (Lincs) 8/9/02, Baie de l'Aiguillon (W France) 20/1/03, Amessysla (S Iceland) 26/4/03, Minsmere (Suffolk) 28/7/05, Oare Marshes 14/7/06-15/8/06, Stour Estuary (Essex) 18/3/07 and Cley Marshes then Stiffkey Fen on 17/4/09.

Left leg: ***white*** over **black flag** on tibia.
Right leg: **green** over **red** on tibia.
Ringed 10/12/18 at Welwick Saltmarsh (N Humber Estuary) as an adult.
Movements: Cley Marshes 22/6/19, Titchwell (Norfolk) 24/6/19, Snettisham (Norfolk) 5/7/19, N Killingholme Foreshore (Lincs) 5/9/19+21/12/19+19/1/20 and Cley Marshes 12-13/3/20.

Left leg: ***white*** over **black flag** on tibia.
Right leg: **lime** over **red** on tibia.
An adult.
Ringed 10/12/18 at Welwick Saltmarsh (N Humber Estuary).
Movements: Cley Marshes 23/2/19.

Left leg: ***white*** over **blue** on tibia
Right leg: **orange flag** over ***white*** on tibia.
Metal ring no. F585318
Ringed 23/9/09 at the Moeze-Oleron Nature Reserve on the Atlantic coast of France (45 54N 01 02W) as an unsexed adult (stated age +2A).
Movements: Port-des-Barques (France 45 57N 01 04W) 28/9/09, Ars-en-Re (France 46 13N 01 30W) 24/10/09, Portes-en-Re (France 46 15N 01 29W) 15/2/10, Samora Correia (Portugal

38 56N 08 53W) 20/2/10, Ile-d'Olonne (France 46 33N 01 47W) 16/3/10-7/5/10, Portes-en-Re 11/9/10+1/10/10, Loix (France 46 12N 01 25W) 9/11/10 and Cley Marshes 10-19/7/11.

Left leg: ***white*** over **blue** on tibia
Right leg: **orange flag** over **red** on tibia.
Metal ring no. FS94808 on right tarsus.
Ringed 9/8/10 at Penestin (Morbihan, Brittany, NW France) presumably as an adult male (stated age +1 year).
Movements: Zaandam/Warmond (Netherlands 52 11N 04 29E) 19/3/11-14/4/11, Saint-Denis-du-Payre (France 46 24N 01 16W) 12-13/7/11, Sarzeau (France 47 32N 02 44W) 5-28/9/11, Turballe (France 47 20N 02 29W) 1/2/12, Ouderkerk-sur-L'Amstel/Warmond 27/2/12-12/4/12, Sarzeau 22/9/12, Turballe 21/2/13, Tiree (Inner Hebrides) 22+24/4/13, Motney-Hill (Rainham, Kent) 29/2/16-26/3/16, Bouin (France 46 58N 02 03W) 7-8/8/16 and Cley Marshes 12-13/3/17.

Left leg: ***white*** over **green** on tibia.
Right leg: **lime** on tibia, ***white*** (stained yellow) on tarsus.
Ringed at Holbeach 7/9/98 as a juvenile male.
Movements: Cley Marshes 16/1/00, 22/2/00 and 8/4/00, East Iceland 29/4/00 and Cley Marshes 9/7/00, 22/2/01, 27/2/02 to 6/4/02, Snettisham 14/4/02, Cley Marshes 24/4/02 and Charente-Maritime (France) 26/12/02.

Left leg: ***white*** over **green** on tibia.
Right leg: **orange** over ***white*** on tibia.
Ringed at Terrington 10/10/02 as a first calendar year female.
Movements: Burnham Overy 28/4/03, Titchwell 19/5/03, Breydon Water 7/7/03 and 20/7/03, Poole Harbour 6/3/04 and Cley Marshes 21-22/4/04.

Left leg: ***white*** over **green** on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed at Holbeach 22/8/05 as an adult male.
Movements: Welney 27/2/06 and 5/3/06, Cley Marshes 14-30/4/06, 24/7/06, 31/7/06 and 17+22/3/07, Welney 31/3/07 and 6/4/07, Cley Marshes 3/7/08, Swavesey (Cambs) 21+26/2/09, Cley Marshes 9/7/09, Welney 3-5/4/10 and 12-20/2/11, Cley Marshes 10/4/12.

Left leg: ***white*** over **green** on tibia.
Right leg: **yellow** on tibia, ***white*** (not seen) on tarsus.
Ringed at Terrington 2/8/96 as an adult male.
Movements: Exe Estuary 13/12/96, Holbeach 20/9/97, Exe Estuary 25/1/98, Ouse Washes 16/4/98, Exe Estuary 9/11/98, River Ijssel (Netherlands) 31/3/99 and 13/4/99, Exe Estuary 11/12/99, Ouse Washes 27/2/00, Nene Washes 17/4/00, SW Iceland 27/4/00, Exe Estuary 20/11/00 and 27/12/00, Ouse Washes 21+26/2/01 and 9/4/01, Exe Estuary 28/1/02 and 2/2/02, Ouse Washes 4+5/3/02, Snettisham 25/7/02, Exe Estuary 1/12/02, Cley Marshes 21/3/03, Cam Washes 2/4/03, Ouse Washes 8/4/03 and Cam Washes 17/4/03.

Left leg: ***white*** over **green** on tibia.
Right leg: **yellow** over **lime** on tibia.
Ringed in Iceland 4/5/00 as an adult male.
Movements: Cley Marshes 30/6/00

Left leg: ***white*** over **lime** on tibia.
Right leg: **lime** on tibia ***white*** on tarsus.
Ringed 7/9/98 at Holbeach as an adult female.
Movements: Stour Estuary (Essex) 30/11/98 and 28/4/99, Cantabria (Spain) 5+26/1/00, Stour Estuary 8/10/00, 4/11/00, 19/1/01, 17/2/01, and 24/10/02, Orwell Estuary (Suffolk) 10/1/03, Stour Estuary 8/2/03 and 19/2/03 and Cley Marshes 25/3/05.

Left leg: ***white*** over **lime** on tibia.
Right leg: ***white*** over **orange flag** on tibia.
Metal ring no. FS85452.
Ringed at Moeze-Oleron Nature Reserve on the Atlantic coast of France (45 54N 01 02W) 3/2/11 as an adult female .
Movements: Yves (France 46 02N 01 04W) 10/10/11, Portes-des-Barques (France 45 56N 01 04W) 3-21/12/11 and 5/12/12, Snettisham 4/8/12 +17/9/12, Portes-des-Barques 23/12/12-23/1/13, Saint-Denis-du-Payre (France 46 24N 01 16W) 15/4/13, Portes-des-Barques 30/10/13, Frampton Marsh (Lincs) 29/7/14-8/9/14, Freiston Shore (Wash) 29/9/14, Welney 21+25/11/14 and 2/1/15, Ouse Washes (Cambs) 12/2/15, Cley Marshes 13/8/15 and Snettisham 5/9/15.

Left leg: ***white*** over **orange** on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed 9/9/02 at Holbeach as an adult male.
Movements: Ouse Washes 9/4/04 and Cley Marshes 30/6/04.

Left leg: ***white*** over **orange** on tibia.
Right leg: **lime** over ***white*** on tibia.
Ringed 9/9/02 at Holbeach as an adult female.
Movements: Humber Estuary 15+20+25/10/02, 6/11/02 and 24/1/03, Ouse Washes 8/4/03, Cam Washes 17+18/4/03, Humber Estuary 14/1/03, Freiston (Wash) 19/2/05 and Cley Marshes 31/3/05.

Left leg: ***white*** over **orange** on tibia.
Right leg: **orange** over ***white*** on tibia.
Ringed 1/04 at Terrington as a second calendar year female.
Movements: Cley Marshes 1-2/7/04 and Berney Marshes 15/7/04.

Left leg: ***white*** over **orange** on tibia.
Right leg: **yellow** over **yellow flag** on tibia.
Metal ring no. 586129.
Ringed 2/7/12 as a pullus at Reykhólar, A-Barðastrandarsýsla, NW Iceland (65.4N 8.9W).
Movements: Tagus Estuary (Setubal, W Portugal) 16/2/13, 14+16/2/14, 9+14/2/15 and 15/2/18, Réserve de Chanteloup (Vendée, W France) 28/2/18+1/3/18, Tagus Estuary 10-20/2/19 and 5/2/20, Cley Marshes 12/8/20.

Left leg: ***white*** over **red** on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed at Terrington on 8/8/98 as an adult male.
Movements: Langstone Harbour 19/7/99, Ouse Washes 16/4/00, Fen Drayton 15/3/01, Ouse Washes 16+18/4/01, Welney 24/2/02, Cley Marshes 3/3/02, W Iceland 15-16/4/2002,

Snettisham 21/4/02(!!!), Lossiemouth 27/7/02, Snettisham 9/9/02, Ouse Washes 5+8/4/03 and Cley Marshes 21/4/04.

Left leg: ***white*** over **red** on tibia.
Right leg: **red** over **green** on tibia.
Ringed in South Brittany on 26/10/2001.
Movements: South Brittany 11/2001, Loire Estuary 1/2002, Cley Marshes 30/3/02.

Left leg: ***white*** over **red** on tibia.
Right leg: **red** over ***white*** on tibia.
Ringed at Terrington on 8/8/98 as an adult male.
Movements: Humber 14/8/99, Hamford Water (Essex) 17/8/99, Humber again 23/8/99 to 23/9/99 then 8/00 to 9/00, Breydon Water 10/00 and 4/01, Humber 8/01 and 9/01, Ouse Washes 5/3/2002, Cley Marshes 30/3/02, Snettisham 21/4/02, E Iceland 29/4/02-4/5/02, Humber Estuary 8/8/02-7/10/02, Leidschendam (Netherlands) 9-11-6/03, Humber Estuary 30/7/03-12/9/03 and 4+25/8/04, Ouse Washes 20/2/05 and Stour Estuary (Essex) 5/4/05.

Left leg: ***white*** over **red** on tibia.
Right leg: **yellow** on tibia, ***white*** (stained yellow) on tarsus.
Ringed at Terrington 2/8/96 as an unsexed adult.
Movements: Langstone Harbour 18/11/96, 3-24/2/97 and 22/3/97, South Iceland 17/7/97, Langstone Harbour 28/9/97, Portsmouth Harbour 8/11/97, Langstone Harbour 7/12/97 and 2/3/98, Humber 27/7/98, Langstone Harbour 27/9/98, 30/10/98,27/1/99 and 4/3/99, Breydon Water 10+25/3/00, 13/8/00, 20/1/01, 24/2/01, 22-26/4/01, 1/8/01, 8/12/01, Alde Estuary 2/4/02 and Cley Marshes 13+23/7/02.

Left leg: ***white*** (lightly stained **yellow**) over ***white*** (heavily stained **yellow**) on tibia.
Right leg: **red** over ***white*** (heavily stained **yellow**) on tibia.
Ringed as a juvenile male at Snettisham (the Wash) 2/9/19.
Movements: Boatmere (the Wash, Lincs) 27/9/19, Freiston Shore (the Wash, Lincs) 16/11/19, Titchwell (Norfolk) 16/5/20 and Cley Marshes irregularly 21/7/20-26/8/20.

Left leg: ***white*** over ***white*** on tibia.
Right leg: ***white*** over **lime** on tibia.
Ringed 16/6/10 at Mosfell, Árnessýsla, S Iceland on 26/6/10 as an adult female.
Movements: Pontorson (Ardevon, Normandy, NW France) 18/10/10, Nez de Chien (Saint-Brévin-les Pins, Loire-Atlantique, Pays de la Loire, France) 16/9/11-2/10/11, Pontorson 25/10/11, Skrins, Wommels, Friesland, N Netherlands 7+11/3/12, Mosfell 20/7/12, Oare Marshes (Kent)11/8/12, Mont-Saint-Michel (Step Ardevon /barrage de la Caserne, Manche, Ille et Vilanine, W France) 27/8/12-9/10/12, Overijssel (C Netherlands) 18/3/13, Hippolytushoef (Wieringen, W Netherlands) 21/4/13, Cley Marshes 26/4/13, Lagune du Dain (Bouin, Vendée, W France) 22/7/13, Landje van Geijsel (Ouderkerk aan de Amstel, W Netherlands) 16/2/14+4/3/14, Honselersdijk (Griendplas, Zuid-Holland, W Netherlands) 7/3/14.

Left leg: ***white*** over **yellow** on tibia.
Right leg: **lime** over ***white*** on tibia.
Ringed at Terrington 12/8/98 as an adult female.
Movements: E Iceland 1/5/99, Lower Derwent (N Yorks) 24/4/00, E Iceland 30/4/00, Snettisham 14/8/00, Nene Washes 26/4/01, Holbeach 22/8/01, Ouse Washes 14/4/02,

Snettisham 27/4/02, Titchwell 14/9/02, W Iceland 24-26/4/03, Humber Estuary 15+26/8/03, Cley Marshes 9/4/04.

Left leg: ***white*** over **yellow** (can get stained oramge) on tibia.
Right leg: **orange** over ***white*** on tibia.
Ringed at Holbeach 22/8/05 as a juvenile male.
Movements: Breydon Water 29/8/05-16/10/05, Cley Marshes 12/7/07-11/8/07, Breydon Water 24/9/07, Cley Marshes 7-20/7/08, Breydon Water 28/8/08, Blackwater Estuary (Essex) 17-21/1/09, Swavesey (Cambs) 26/2/09, Cley Marshes 27-30/7/09, Welney (Norfolk) 2-3/4/10, Cley Marshes 25/7/10-1/9/10, Humber Estuary 9/9/10-6/12/10, Welney 3/2/11-4/3/11, Landeyjar (Rangarvallasysla, S Iceland) 21/4/11, Cley Marshes 7/8/11-23/9/11, Breydon Water 25/2/12, Ouse Washes (Cambs) 11/4/12, Cley Marshes 2/7/12-19/8/12, Nene Washes (Cambs) 1+6/4/13 and Cley Marshes 20/8/13-15/9/13.

Left leg: ***white*** over **yellow** on tibia.
Right leg: ***white*** on tibia, ***white*** (stained yellow) on tarsus.
Ringed 2/8/96 at Terrington as an adult male.
Movements: Humber Estuary 4/12/96, Cley Marshes 12/4/98, Breydon Water 28/8/98, SW Iceland 25/4/99, Breydon Water 13/8/00, 9/9/00, 14/10/00, 4/3/01 and 12/3/01, Snettisham 27/4/02, E.Iceland 29/4/02, Breydon Water 18/7/02, 25/8/02, 6/7/03, 20/7/03 and 11/8/03 and Cley Marshes 5-6/2/05 and 20-22/3/05.

Left leg: ***white*** over **yellow** on tibia.
Right leg: ***white*** over **lime** on tibia and metal on tarsus.
Ringed at Alftafjordur (E Iceland) on 3/5/00 as an adult.
Movements: Borgarfjordur Estuary (E Iceland) 5/6/00 where it probably nested, Titchfield (Hants) 15/11/00 and 14/12/00, Ouse Washes 12-21/4/01, Cley Marshes 5/7/01, Pagham Harbour 24/2/02, Chichester Harbour 23/3/02, Cley Marshes 30/3/02 to 14/4/02 and Snettisham 28/4/02.

Left leg: ***white flag*** over **red** on tibia.
Right leg: metal over **dark blue** over ***white*** (stained **yellow**) on tibia.
Metal ring Madrid ring type 5 no.137364.
Ringed 2/2/13 in rice fields by the village of Santa Amalia, Extremadura, Spain (39 02N 05 58W).
Movements: Cley Marshes 7/4/13-6/5/13, Mistley (Stour Estuary Essex) 25/2/16 and Manningtree (Stour Estuary Essex) 23/3/16.

Left leg: **yellow** on tibia, **red** on tarsus (not seen).
Right leg: **green** over **orange** on tibia.
The alternative possible combination with the same tibia rings but with a ***white*** on the right tarsus had not been used at the time this bird was seen.
Ringed at Farlington Marshes LNR, Langstone Harbour, Hants 29/10/09 as an adult female.
Movements: Pagham Harbour (West Sussex) 17/2/10, Goldcliff Lagoons (Gwent) 25/4/10, Ardnave Loch (Islay) 26/4/10, Cley Marshes 30/5/10, Langstone Harbour area 30/10/10-19/3/11 and 17/7/11-9/3/12.

Left leg: **yellow** on tibia.
Right leg: **green** over **yellow** on tibia, ***white*** (stained yellow) on tarsus.
Ringed at Terrington 2/8/96 as an adult female.

Movements: Humber 31/1/98, Ouse Washes 16/4/98, Snettisham 27/8/00, Humber 19/9/00, Breydon Water 24/2/01, Ouse Washes 28/3/01, SW Iceland 2/7/01, Snettisham 21+27/4/02 and 25/7/02, Cley Marshes 17/7/03.

Left leg: **yellow** on tibia.
Right leg: **lime** over **orange** on tibia, ***white*** on tarsus.
Ringed 13/8/10 at Holbeach. A female.
Movements: Cley Marshes 6/4/11 and Snettisham (Norfolk) 21/4/11.

Left leg: **yellow** on tibia.
Right leg: **red** over **black** on tibia, ***white*** (stained orange) on tarsus.
Ringed at Holbeach 30/8/96 as an adult male.
Movements: Cley 24/8/97, Kidafell (Kjos, SW Iceland) 19/7/98, Laxarnes (Kjos, SW Iceland) 23/5/99, Fen Drayton (Cambs) 27/3/01, Laxarnes 3/5/03, Kidafell 22-23/7/05 and 22/7/06, Valla (Kjalarnes, SW Iceland) 23/7/06, Holbeach 11/8/06, Medway Estuary (Kent) 1-11/4/07 + 5/3/08, Thames Estuary 18/3/08 and Cley Marshes 27/6/08. Normally spends the post-breeding period in hay fields in SW Iceland.

Left leg: **yellow** on tibia.
Right leg: **red** over **green** on tibia, ***white*** on tarsus.
Ringed at Terrington 3/8/96 as an adult male.
Movements: Cam Washes 4/5/97, Ely Beet Factory 4/5/97, Welney 17/4/99, Holland Haven (Essex) 6/1/01 and Snettisham 7/10/01. Then a long gap to a Cley Marshes sighting on 30/6/05!

Left leg: **yellow** on tibia.
Right leg: ***white*** over **green** on tibia, ***white*** (can be stained yellow/orange) on tarsus.
Ringed at Holbeach 30/8/96 as a juvenile.
Movements: Terrington(Wash) 12/1/97, Burnham Norton 11/5/97, Humber Estuary 8/11/97, 13/1/98 and 31/1/98, Cley Marshes 17/3/98 to 28/4/98, Humber Estuary 17/10/99, Cley Marshes 22+27/2/00, Snettisham 14/8/00, Humber Estuary 25/10/00, Ribble Estuary 30/11/00, Cley Marshes 22/2/01, Ouse Washes 26/2/01, Cley Marshes 13/4/01, Holbeach 22/8/01, Snettisham 14+27/4/02, Humber Estuary 24/1/03, 8/2/03 and 14/1/04, Cley Marshes 7/3/04, Ouse Washes 9/3/04, Cley Marshes 16/3/04 to 30/4/04, 12-15/2/05, 24-31/3/05, 10-11/4/05, 26/3-10/4/06, 22/2/07-24/4/07 (when it also visited Salthouse Marshes 23-28/2/07), Humber Estuary 23/1/08 and 14/1/09**,** Cley Marshes 27/2/09-26/4/09, Humber Estuary 26/11/09-31/12/09, Gunnarsholt (Rangárvallasýsla, S Iceland) 28/4/10, Humber Estuary 10/11/10-1/2/11, Snettisham (Norfolk) 23/3/11, Cley Marshes 1-13/3/12, 10/4/12 and 27/6/12-7/8/12.

Left leg: **yellow** on tibia, **red** on tarsus (not seen).
Right leg: **green** over **orange** on tibia.
The alternative possible combination with the same tibia rings but with a ***white*** on the right tarsus had not been used at the time this bird was seen.
Ringed at Farlington Marshes LNR, Langstone Harbour, Hants 29/10/09 as an adult female.
Movements: Pagham Harbour (West Sussex) 17/2/10, Goldcliff Lagoons (Gwent) 25/4/10, Ardnave Loch (Islay) 26/4/10, Cley Marshes 30/5/10, Langstone Harbour area 30/10/10-19/3/11 and 17/7/11-9/3/12.

Left leg: **yellow** on tibia, **red** on tarsus.

Right leg: **yellow** over ***white*** on tibia.
Metal ring no EY76593.
Ringed 15/10/13 as a first calendar year at Farlington Marshes LNR, Langstone Harbour, Hants.
Movements Langstone Harbour 15/10/13, Chichester Harbour (Hants) 4+18/12/13, Pagham Harbour (W Sussex) 2-3/2/14, Fishbourne (W Sussex) 3+12/3/14, Lymington-Keyhaven NNR (Hants) 3/8/14, Langstone Harbour 23/8/14-2/11/14, Chichester Harbour 30/11/14-25/1/15, Álftafjörður (E Iceland) 2/5/15, Langstone Harbour 8/9/15+20/10/15, Chichester Harbour 15+17/3/16, Langstone Harbour 12/9/16, Chichester Harbour 10+30/11/16, Langstone Harbour 8/12/16, Chichester Harbour 26/12/16-14/2/17, Thurrock (Essex) 10+25/3/17, Langstone Harbour 1/9/17-16/10/17, Chichester Harbour 12+25/11/17, Langstone Harbour 7/2/18, Eldernell (Cambs) 3/7/18, Cley Marshes 16-17/7/18 +18/8/18-29/8/18 and Langstone Harbour 8/9/18.

Left leg: **yellow** over **black** on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed at Terrington 8/8/98 as an adult female.
Movements: Cley Marshes 8/4/99.

Left leg: **yellow** over **black** on tibia.
Right leg: **orange** over **red flag** on tibia.
Ringed 17/7/08 at Langhus, Fljot, W Siglufjordur (N Iceland) as a pullus.
Movements: Abberton Reservoir (Essex) 7/10/09, Orfordness (Suffolk) 24/11/09, Breydon Water (Norfolk) 7/3/10, Humber Estuary 5/7/10 and Cley Marshes 9/7/10.

Left leg: **yellow** over **black** on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed at Holbeach 22/8/05 as an adult female.
Movements: Cley Marshes 14-16/2/06, 13/8/06 and 10-11/1/07, Fen Drayton (Cambs) 19-20/2/07.

Left leg: **yellow** over **blue** rings on tibia.
Right leg: tall **green** ring with two horizontal ***white bands*** on tibia.
Ringed Bull Island, Dublin Harbour 24/1/20.
Movements: Stiffkey Fen (Norfolk) 3/8/20, Cley Marshes 12/8/20 and Blakeney Point 8/7/21.

Left leg: **yellow** over **blue** over **orange** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Ringed 9/10/15 at Iken (River Alde, Suffolk) as a female in at least its 2cy.
Movements: Welney (Norfolk) 30/12/15, Mistley (Essex) 9-16/1/16, Hazlewood Marshes (Alde Estuary, Suffolk) 3/8/16-11/9/16, Cley Marshes 23/10/17-2/11/17, Welney 16/12/17.

Left leg: **yellow** over **green** on tibia.
Right leg: **orange** over ***white*** on tibia, metal on tarsus.
Ringed at Holbeach 10/10/02 as a 1cy female.
Movements: Cley Marshes 4/4/03, 2+5/5/03, Rutland Water 24/10/03 and Cley Marshes 2/11/03.

Left leg: **yellow** over **green** on tibia.
Right leg: ***white*** on tibia, ***white*** on tarsus.

Ringed at Holbeach 2/8/96 as an adult male.
Movements: Cley Marshes 18/3/97, Snettisham 5/7/98, Nene Washes (Cambs) 11+12/4/00, Swavesey (Cambs) 28/3/01, Cley Marshes 21/4/02, Ouse Washes 22 to 28/1/03, Cley Marshes 16-22/4/03, W Iceland 25/4/03, Cley Marshes 8/4/04, Ouse Washes 9/4/04, Cley Marshes 23-25/4/04 and 25/3/05, Freiston (the Wash Lincs) 4/11/05, Cley Marshes 12/12/05, Salthouse 3+4/1/06, Cley Marshes 5-20/1/06, Nene Washes 21+27/1/07 and 9/3/08, Cley Marshes 3+19/1/11, Welney (Norfolk) 12/2/11 and 20/3/11, Blackwater Estuary (Essex) 14/3/12, Swavesey 12/1/13, Ouse Washes 20/1/13, Swavesey 6+19/2/13, Nene Washes 1/4/13 and Freiston (Lincs) 24/8/13.

Left leg: **yellow** over **green** on tibia.
Right leg: **yellow** over **green flag** on tibia.
Ringed 20/2/07 Tagus Estuary (Setúbal, W Portugal).
Movements: Tagus Estuary 26/2/07, Minsmere (Suffolk) 31/3/07-20/4/07, Tagus Estuary 23/11/07-11/3/08, Minsmere 15/3/08-25/10/08, Tagus Estuary 4/1/09-15/1/10, Minsmere 30/3/10+18/4/10, Tagus Estuary 19/1/11-21/2/11 and 16/11/11-17/2/11, Cley Marshes 31/8/12.

Left leg: **yellow** over **green** on tibia.
Right leg: **yellow** over **red flag** on tibia.
Ringed 10/7/07 at Bolungarvik, Isafjardardjup, NW Iceland as a large chick.
Movements: Bolungarvik 11/7/07, Blennerville (Co Kerry, SW Ireland) 10/5/08, Lady´s Island Lake (Co. Wexford, S Ireland) 12/6/08, West Kirby (Merseyside) 25/9/09+8/10/09, Medway Estuary (Kent) 7/9/10+10/10/10, Flói (Árnessýsla, S Iceland) 21/4/11, Langeyri (Ísafjarðarsýsla, NW Iceland) 31/5/11, Oare Marshes (Kent) 21/7/11-19/9/11 and Cley Marshes 18-19/7/12.

Left leg: **yellow** over **green** on tibia.
Right leg: **yellow** over ***white*** on tibia.
Ringed at Terrington 21/7/97 as an adult female.
Movements: Cley Marshes 21/10/97, Snettisham 25/4/98, Welney 24/4/99, Sandbach Flashes (Cheshire) 4/7/00, Snettisham 14/8/00, Ouse Washes 29/3/01, Preston (Lancs) 22/4/01, Holbeach (Wash) 22/8/01, Snettisham 7/8/04 and 3-5/9/04, Nene Washes 19/4/05, Arnessysla (S Iceland) 25/4/06 and Snettisham 16/7/06. Cley Marshes 22-23/2/07 also visiting Salthouse on 23+24/2/07.

Left leg: **yellow** over **lime** on tibia.
Right leg: **green** on tibia, ***white*** on tarsus.
Ringed at as an .
Movements: Cley Marshes 26/8/20.

Left leg: **yellow** over **lime** on tibia.
Right leg: **orange** over ***white*** on tibia.
Ringed Holbeach 9/9/02 as an adult female.
Movements: Cork Harbour 24/11/02, Cley Marshes 18/2/03 to 31/3/03.

Left leg: **yellow** over **lime** on tibia.
Right leg: **red** over ***white*** on tibia.
Ringed Terrington 8/8/98 as an adult male.

Movements: Snettisham 20/9/98, East Iceland 2/5/99 and 7/5/00, Snettisham 17+27/8/00, Fen Drayton 12-19/3/01, Ouse Washes 23+28/3/01, East Iceland 29/4/02 and 4-5/5/2002, Cley Marshes 30/10/02 to 5/11/02.

Left leg: **yellow** over **lime** yellow over lime on tibia.
Right leg: ***white*** on tibia, ***white*** on tarsus.
Ringed 7/9/98 at Holbeach (Lincs).
Movements: Deben Estuary (Suffolk) 10/11/98, Akureyri (Eyjafjarðarsýsla, N Iceland) 4/5/99, Berney Marshes (Norfolk) 6/10/99, Breydon Water (Norfolk) 8/1/00, Akureyri 5/5/00, Breydon Water 29/8/00+2/9/00, Akureyri 30/4/01, Breydon Water 4/7/01-18/8/01, R. IJssel (Overijssel, Gelderland, C Netherlands) 16/3/02+22/4/02, Breydon Water 25/8/02, 23/8/03+24/9/03, 21+29/8/04, R. Ijssel14/3/05, Breydon Water 29/8/05+15/9/05, Baie d'Yves (Charente-Maritime, W France) 2/10/07, R. Ijssel 21/3/08 and Cley Marshes 3-20/9/12.

Left leg: **yellow** over **lime** on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed at Holbeach 22/8/05 as an adult male.
Movements: Cley Marshes 9/2/06-7/3/06.

Left leg: **yellow** over **orange** on tibia.
Right leg: **green** on tibia, ***white*** on tarsus.
Ringed at Holbeach 23/8/05 as an adult male.
Movements: Paxton Pits (Cambs) 5/3/07, Ouse Washes (Cambs) 22/3/07, Welney 31/3/07 and 6/4/07, Hjalteyri (Eyjafdrdur, N Iceland) 15/7/07, Breydon Water 16/12/07 and Blakeney Harbour 9/4/08.

Left leg: **yellow** over **orange** on tibia.
Right leg: **lime** over **green** on tibia.
Ringed in Golfe du Morbihan (S Brittany), France 26/10/01.
Movements: S France 29/10/01 to 16/12/01, Humber Estuary 28/7/02 to 21/9/02, S France 11/10/02, Humber Estuary 15/10/02 to 25/10/02, S France 15/11/02 to 2/12/03, Humber Estuary 30/7/03 to 24/9/03, S France 31/10/03 to 7/1/04, Humber Estuary 16/7/04 to 25/8/04, Rotterdam (Netherlands) 31/3/05 and Cley Marshes 9/4/05.

Left leg: **yellow** over **orange** on tibia.
Right leg: **red** over **green flag** on tibia.
Ringed 25/11/07 at the Tagus Estuary (Setubal, W Portugal) as a first calendar year male.
Movements: Tagus Estuary 29/11/07-21/3/08 and Cley Marshes 21/7/08 when in full breeding plumage (moult score 6).

Left leg: **yellow** over **orange** over **green** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Ringed 26/8/11 at Hazelwood Marshes NR, River Alde, Suffolk as an adult.
Movements: Minsmere (Suffolk) 2/10/11, Cley Marshes 5/7/12-20/9/12 also visiting Salthouse Marshes 20/8/12, Cley Marshes 14/4/13, Alkborough Flats (Humber Estuary) 17/4/13, Cley Marshes 2/7/13, Fen Drayton (Cambs) 24/2/14+11/3/14 and Welney (Norfolk) 31/3/14.

Left leg: **yellow** over **orange** over **orange** on tibia.
Right leg: **yellow** over **red** over **yellow** on tibia.

Ringed 5/3/11 at Seaton LNR, Axe Estuary, Devon as a second calendar year female.
Movements: Seaton 10/3/11, Slimbridge (Glos) 24/4/11, Cley Marshes 29/4/11-2/5/11 and Stiffkey Fen (Norfolk) 5/5/11.

Left leg: **yellow** over **orange** over **yellow** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Ringed 26/8/11 at Hazelwood Marshes NR, River Alde, Suffolk as an adult.
Movements: Iken (Suffolk) 15/10/11, Snape Maltings (Suffolk) 13/12/11, North Warren (Suffolk) 31/12/11, Cley Marshes 30/7/12-19/8/12.

Left leg: **yellow** over **red** on tibia.
Right leg: **yellow** on tibia, ***white*** (stained yellow) on tarsus.
Ringed at Terrington 2/8/96 as an adult female.
Movements: Humber 4/12/96 and 11+13/2/97, Nene Washes 22/3/97, Breydon Water 26/3/97, Holbeach 21/8/97, Humber 30/10/97 and 8/11/97, Ouse Washes 16/4/98, Humber 29/7/98,25/11/98,10/12/98, 4/2/99, 30/8/99, 5/9/99 and 17/10/99, Cley Marshes 8/4/00, Humber 12/8/00 and 13+25/10/00, Ouse Washes 30/1/01, Fen Drayton 12/3/01, Needingworth (Cambs) 28/3/01, Ouse Washes 16+23/4/01, Humber 10/9/01, West Iceland 19/4/02 and Cley Marshes 22/6/02.

Left leg: **yellow** over **red** over **yellow** on tibia.
Right leg: **green** over ***white*** over **lime** on tibia. ***White*** ring now missing.
Metal ring no. DN87536.
Ringed as a first calendar year male 25/9/18 at Colyford Common, Seaton Wetlands, Axe Estuary, E Devon.
Movements: Axe Estuary 28/10/18+30/12/18+10/2/19, Frampton Marsh (Lincs) 1/10/20, Holme Pierrepont (Notts) 29/6/21, Wells (Norfolk) 2+4/7/21 and Cley Marshes 12/7/21-1/8/21.

Left leg: **yellow** over ***white*** on tibia.
Right leg: **orange** over ***white*** on tibia.
Ringed at Terrington 2/9/04 as an adult male.
Movements: Cley Marshes 29/6/05.

Left leg: **yellow** over ***white*** with code **8** on tibia.
Right leg: **green** over **green** on tibia.
Ringed at Siglufjordur (N Iceland) as an adult male 10/7/12.
Movements: Titchwell (Norfolk) 1/7/13+10/8/13, Cley Marshes 10/8/13-24/9/13, Caldy (Wirral, Merseyside) 21+23/4/14, Thurstaston (Dee Estuary, Merseyside) 28/11/14, Caldy 17+22/12/14, Thurstaston 8/1/15, Caldy 11-17/1/15, Thurstaston 21/1/15, Caldy 24/1/15, Leighton Moss (Lancs) 21-29/3/15, Frampton Marsh (the Wash, Lincs) 7+17/8/16, Freiston Shore (the Wash, Lincs) 3/10/16, Frampton Marsh 19/7/17-12/8/17, Leighton Moss 24/3/19-20/4/19, Welney (Norfolk) 18/7/19, Killingholme (Humber) 9/10/19, Leighton Moss 5/3/20, Cley Marshes 30/6/20 and 26/8/20-3/9/20.

Left leg: **yellow** over ***white*** with code **8** on tibia.on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed at Siglufjordur (N Iceland) as an adult 10/7/12.
***Movements*:** Humber Estuary 17/4/13 and Cley Marshes 4-6/5/13.

Left leg: **yellow** over **yellow** on tibia.
Right leg: **green** over ***white*** on tibia.
Ringed 22/8/05 at Holbeach as an adult male.
Movements: Freiston (Wash) 4+5/11/05, Welney 19/2/06, Old Moor (Barnsley, S Yorks) 18/7/06, Snettisham 29/7/06, Stour Estuary (Essex) 29/11/06, Nene Washes (Cambs) 27/1/07, Paxton Pits (Cambs) 10/3/07, Fen Drayton (Cambs) 14/3/07, Ouse Washes 12/4/08, Cley Marshes 31/8/08-3/9/08, Swavesey (cambs) 19/2/09, Welney (Norfolk) 28/3/10, Cley Marshes 10-16/9/10 and Welney 12+20/2/11.

Left leg: **yellow** over **yellow** on tibia.
Right leg: **lime** over **green flag** on tibia.
Ringed 18/11/06 at the Tagus Estuary (Setubal, W Portugal) as an adult male.
Movements: remained at the Tagus Estuary to 5/3/07, then returned 28/7/07 to 26/2/08, Skrins (Friesland, N Netherlands) 23+26/3/008, Wommels (Friesland) 30/3/08, Tagus Estuary 17/10/08 to 22/2/09, Wommels-Skrins again 18-23/3/09, Vogalaekur (Myrar, Faxafloi, W Iceland) 20+23/4/09, Cley Marshes 7/8/09, Tagus Estuary 15/1/10-13/3/10, Melasveit (Faxafloi) 26/4/10, Tagus Estuary 9/10/10-26/2/11, Harlingen (Friesland) 19+21/3/11, Tagus Estuary 14/11/11+17/2/12, Wommels 16/3/12, Wieringen (Noord Holland, W Netherlands) 24/3/12, Wommels 2/4/12, Tagus Estuary 4/11/12-26/2/13, Jisp (Noord Holland) 31/3/13-5/4/13, Tagus Estuary 4/2/14, Twisk (Noord Holland) 26/3/14, Tagus Estuary 21+24/2/15, Twisk 4/3/15, Uitgeest (Noord Holland) 30/3/16, Tagus Estuary 17/2/17, Ouderkerk a/d Amstel (Noord-Holland) 13/3/17, Tagus Estuary 18/2/18 and Cley Marshes 2/8/18.

Left leg: **yellow** over **yellow** on tibia.
Right leg: **orange** over **red** on tibia.
Ringed near Akureyri (N Iceland) 12/7/02 as a chick.
Movements: Humber Estuary 7/9/02, Cley Marshes 3/3/04, Humber Estuary 2-25/8/04 and Cley Marshes 17/3/05.

Left leg: **yellow** over **yellow** on tibia.
Right leg: ***white*** over ***white*** on tibia.
Ringed at Holbeach 22/8/05 as an adult male.
Movements: Ouse Washes (Cambs) 26/11/05 and Cley Marshes 14/2/06

Bird with metal ring only

Metal ring no. **EX65231**
Ringed as a bird in at least its second calendar-year at Snettisham (Norfolk) 2/8/19.
Recovered found freshly dead at Cley Marshes 22/4/20 predated possibly by a Fox.

Individuals missing a ring or flag

Left leg: **orange** ring on tibia (with black stains).
Right leg: **lime** over **yellow** rings on tibia.
No colour-rings on tarsi.
The missing ring/flag would be the scheme identifier.
Seen: Cley Marshes 14/7/21.
Considered to most likely be the following bird but the tarsus ring was said to have been seen in these sightings.

Left leg: **orange** ring on tibia.
Right leg: **lime** over **yellow** rings on tibia, ***white*** on tarsus.
Ringed 3/8/19 as a 2cy male at Snettisham (Norfolk) 3/8/19.
Movements: Holme (Norfolk) 9/8/19, Brancaster Staithe (Norfolk) 27/9/19+19/10/19, Porto Alto (Setubal, W Portugal) 1+9/2/20 and Snettisham 23/7/20.

Left leg: **yellow** over ***white*** (stained yellow) on tibia, metal on tarsus.
Right leg: **black** on tibia, no rings on tarsus.
Probably lost a flag or colour-ring on the right leg. It does not fit with any individual previously seen at Cley.
Movements: Cley Marshes 10+12/8/17 then 18/7/18 and 18/8/18-12/9/18.
One possibility is that it comes from a French scheme and had lost an Orange flag above the Black ring. Another bird with a very similar 3-ring combination was seen in Iceland and traced to this source. As can be seen below, however, this individual was not recorded in England only France and Portugal and possibly the Netherlands.
Left leg: **yellow** over ***white*** rings on tibia.
Right leg: **orange flag** over **black** ring on tibia.
Ringed 26/2/09 age +2A at Moeze (France 45.889N 1.083W).
Movements: Breuil-Mane (France 46.012N 0.993W) 13/3/09, Saint-Denis-du-Payre (France 46.397N 1.247W) 23/7/09, Bouin (France 46.951N 2.052W) 17/11/09, Noirmoutier-en-L'Ile (France 46.995N 2.229W) 29/12/09, Epine (France 46.992N 2.251W) 12/4/10, Noirmoutier-en-L'Ile 15/4/10, Port-des-Barques (France 45.950N 1.075W) 6/10/11 and Porto-Alto (Portugal 38.920N 8.900W) 16/2/13. There was also a reported sighting in the Netherlands at Zwolle (52.519N 6.0197E) on 9/4/11 but the individual with these colour-rings and the orange flag and black ring on the left leg and the yellow over white rings on the right leg was also reported at this site on 18/3/11 and 3/6/11.

Partial reads

Left leg: **lime** over **black** over **orange** on tibia.
Right leg: not seen.
Ringed in Suffolk or SW England.
Seen: Cley Marshes 29/6/18.

Left leg: **lime** (stained red) over **red** (or unknown colour stained red) on tibia.
Right leg: **red** (or red stained pale ring such as **yellow** the ring had a yellow upper rim) on tibia, ***white*** (heavily stained black) on tarsus.
Seen: Cley Marshes 6-9/7/12.

Left leg: **lime** over **red** possibly over a dark ring that could not be seen clearly on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Seen: Cley Marshes 23/7/20 and possibly again 28/7/20 (only right leg seen).
The individual that would best fit is the following one but there are no recent sightings
Left leg: **lime** over **red** over **black** on tibia.
Right leg: **green** over **yellow** over **green** on tibia.
Ringed 30/7/16 at Iken, River Alde (Suffolk).
Movements: Kinnegar Shore (Belfast Harbour) 24/4/17, Hazelwood Marshes (River Alde) 31/7/17 and Carragado (Portugal) 5/2/18.

Left leg: **lime** over **yellow** on tibia.

Right leg: **blue** on tibia, tarsus not seen.
Seen: Cley Marshes 26/7/17.

Left leg: **orange** over **red** on tibia.
Right leg: **green** over **lime** on tibia.
Metal ring 568291.
Ringed at Alftafjordur (E Iceland 64.53degN 14.55degW) 3/5/00 as an adult female.
Movements: Akureyri (N Iceland) 23/4/03 and Funton (Medway Estuary, Kent) 25/8/07.
This individual has not been seen for several years so probably at least one ring misread.
Reported: Cley Marshes 8/8/17.

Left leg: not seen
Right leg: **yellow** over **red** over **yellow** on tibia.
Seen Cley Marshes 8/4/16
Ringed probably at Seaton LNR, Axe Estuary, Devon.

A ring misread

Left leg: **yellow** over ***white*** on tibia.
Right leg: **green** over **red** on tibia.
All rings of low height.
This combination had not been used so at least one ring colour is wrong. The red ring (scheme marker) is probably correct as this does fit for low height rings.
Ringed probably at Iceland as a pullus.
Reported: Cley Marshes 9/10/10.

Bar-tailed Godwit

Five birds have been recorded each fitted with a combination of colour-rings and a coloured flag. Three were ringed in the Netherlands and the other two on the Atlantic coast of France. There are five birds with coded flags that have been seen with two that were almost certainly ringed in SW Norway and three in the Wash. In addition there are two sightings of birds with single colour-rings that couldn't be traced..

Left leg: **dark blue** over **red** rings on tarsus.
Right leg: metal on tibia, **red** over **yellow** rings over **yellow** flag on tarsus.
Ringed 2/5/06 at Vinkenbaan Castricum (Netherlands 52 32N 04 37E).
Movements: Salthouse Marshes 1/5/07.

Left leg: **orange** over **lime** rings on tibia.
Right leg: **orange** flag over metal ring no. FS 55029 on tibia.
Ringed as a second calendar year male 5/3/03 at the Moeze Nature Reserve, SW France (45 54N 01 02W).
Movements: Bree-les-Bains (SW France 46 01N 01 20W) 11-31/3/03 and Cley Marshes 4/5/08.

Left leg: **orange flag** ring on tibia.
Right leg: **black ring** with ***white code*** **H5** on tibia.
Seen: Cley Marshes 14/6/21.

Left leg: **orange flag** over **red** ring on tibia.
Right leg: **green** over **orange** rings on tibia.
metal ring no. FS 68086
Ringed as a male in at least its second calendar year 31/12/13 at the Moeze Nature Reserve, SW France (45 54N 01 02W).
Movements: Portes-en –Re (France 46 14N 01 29W) 2/1/14-6/3/14, Loix (France 46 14N 01 26W) 14-18/4/14, Portes-en –Re 2/5/14, Esbjerg (Denmark 55 29N 08 27E) 8/5/14, Portes-en –Re 7+9/12/14, Loix 3/2/15, Cley Marshes 26-27/6/15 (in non-breeding plumage).

Left leg: **red** over **yellow** rings over **lime** flag on tarsus.
Right leg: **red** over **red** rings on tarsus.
Ringed 9/5/11 at Polder bij Lies, Terschelling, Netherlands (53 23N 05 20E).
Movements: Banc d'Arguin (Mauritania 19 53N 16 17W) 22/1/17 and Blakeney Point 30/4/17.

Left leg: ***white*** flag over **dark blue** over **red** rings on tarsus.
Right leg: metal on tibia, ***white*** over **red** rings on tarsus.
Ringed 9/5/11 at Polder het Noorden, Texel, Netherlands.
Movements: Cley Marshes Marshes 8-9/5/13 then seen back at Texel on 15+28/5/13.

Left leg: ***white flag*** with **black code NJ** on tibia.
Right leg: ***white*** ring on tibia.
Metal ring no. D**E65231**.
Ringed as an adult at Snettisham (Norfolk) 5/8/15.
Movements: Snettisham 12/9/15, Igeldas (Porsanger, Finnmark, NE Norway) 15+16/5/17 and Cley Marshes 16/7/20.

Left leg: ***white flag*** with **black code 37** on tibia.
Right leg: **orange** ring on tibia.
Metal ring no. D**E42945.**
Ringed as an adult at Snettisham (Norfolk) 14/8/18.
Movements: Cley Marshes 16/7/20.

Untraced birds

Right leg: **red** ring on tibia.
Seen: Salthouse then Cley Marshes 2/5/07.

Left leg: no rings.
Right leg: ***white*** ring on tibia.
Seen: Salthouse then Cley Marshes 2/5/07.
Both these individuals in the same flock of 15 birds

Code/combination misread or not read

Left leg: **red** ring on tibia, metal on tarsus.
Right leg: **yellow** flag on tibia with black code that could not be read.
Seen: Cley Marshes 15/9/18.
Ringed probably in Norway.

Left leg: metal on tarsus.
Right leg: **yellow** flag on tibia with 3-letter black code read as PMH.
A juvenile.
Seen: Cley Marshes 17-18/9/20.
Ringed probably at Revtangen (Rogaland, SW Norway 58 45N 05 29E).
This code had not been used at the time of the sightings and the bird should have had a red ring on the left tibia that was definitely not present.

Left leg: ***white flag*** with **black code** read as **30** on tibia.
Right leg: ***white*** ring on tibia.
Seen: Cley Marshes 28/5/16+5/6/16.
Ringed probably in the Wash.
This code has not been used. **3C** had been used and is the most likely misread.

Curlew

Just five colour-ringed individuals have been seen - three from Finland, one from the Severn Estuary and one from the Wash.

Left leg: **orange flag** ring on tibia.
Right leg: **black ring** with ***white code*** **H5** on tibia.
Ringed .
Movements: Cley Marshes 14/6/21.

Left leg: **red** on tibia.
Right leg: ***White*** ring with black code **J5K** on tibia, metal ring CT192205 on tarsus.
Ringed 7/7/20 as a juvenile Temmes, south of Oulu, Central Finland (64 39N 25 38E).
***Movements*:** Controlled at Temmes 9/7/20 then Cley Marshes 9+10+18/5/21, 4/6/21 (and probably 28/4/21+7/6/21 code not read).

Left leg: **red** on tibia, **yellow** over ***white*** on tarsus.
Right leg: **red** over **orange** on tibia and metal ring no. FP87994 on tarsus.
Ringed 7/10/13 at Wibdon Worth (Severn Estuary, Glos).
Movements: Seen at high tide roosts at Guscar Rocks and Aylburton Warth, S of Lydney in the Severn Estuary to 29/3/14 and again 11/7/14 to 11/3/15. Cley Marshes 4/8/15 when the right leg had been injured (since the sightings the previous winter) and the bird was unable to walk on it.

Left leg: ***white*** ring with code **CN6** on tibia.
Metal ring no. CT 6036 Helsinki.
Ringed 2/7/11 at Muhos, Oulu, Finland (64 47N 25 54E) as a youngster out of the nest.
***Movements*:** Cley Marshes 23/8/11.
Distance: 1958km WSW.
A bird seen at Cley Marshes on 17-18/7/13 with a white ring and black code on its left tibia and a metal ring on its right tarsus might have been this bird returning. It was always too distant to read the code.

White ring with code **F3W** on one tibia.
Metal ring no. CT187189 Helsinki.
Ringed 7/7/18 as a 1cy female out of the nest Rantsila, Siikalatva, Oulu, Central Finland

(64 32N 25 34E).
***Movements*:** Cley Marshes 10/8/18.
Distance: 1890km WSW.

Left leg: ***white*** flag with code **U9**
Right leg: **orange** ring
Ringed at Snettisham (Norfolk) 23/8/17.
Movements: Titchwell (Norfolk) 6/10/17, Snettisham 22/9/17 and Cley Marshes 15/2/18.

Redshank

Six colour-ringed individuals have been seen where the full combination was read. One was ringed in Aberdeenshire, one was ringed on the Humber Estuary, one was ringed in Chichester Harbour and the other three in Suffolk. Another bird from Suffolk has been seen but one of the ring colours was not read correctly. Seven individuals fitted with coded lime flags have been seen. These flagged birds were ringed as chicks in Norfolk. There is a code on the flags to identify the individual but this could only be read on four of the birds. One had been ringed at Snettisham, one at Burnham Overy and the other two at Berney Marshes. A bird with a coded yellow flag came from a project on the Ythan Estuary in Aberdeenshire. An adult fitted with a metal ring in France in 1949 was found two years later at Blakeney and the leg of one ringed in Germany in 1991 was found at Kelling in 1996.

Left leg: **dark blue** over **lime** rings on tibia
Right leg: ***white*** over **yellow** rings on tibia, ***white*** over metal ring no. DD11491on the tarsus. A male.
Ringed 14/3/10 at Levington Lagoon (Suffolk) as an adult.
Movements: Cley Marshes 12/6/10, Salthouse Marshes 20/3/11 and then intermittently at Cley Marshes 1/4/11-25/6/11, Levington Creek 5/4/12, Cley Marshes 3-4/7/12 and then seen there again the following year with two chicks on the Serpentine 28-29/6/13. Stayed to 5/7/13 but no further sign of the chicks. Seen mating at Salthouse 17/5/15 then at Cley Marshes 8/7/15 and probably also 18/7/15. Seen again at Salthouse 22+24/5/16 then Cley Marshes 27/3/17 and 27/4/17(seen mating).

Left leg: no rings on tibia, **green** ring on tarsus.
Right leg: **green** ring on tibia, **orange** over **dark blue** rings on the tarsus.
Ringed at Thorney Island, Chichester Harbour (W Sussex).
Movements: Thorney Island 25/1/18, Cley Marshes 30/3/18 and Thorney Deeps 28/8/18.

Left leg: tall **lime** ring
Right leg: **red** over **yellow** rings.
Ringed Cherry Cob Sands (Humber Estuary) winter 2004-5.
Movements: Cley Marshes 20/5/05

Left leg: **lime** over **red** rings on tibia
Right leg: **orange** over **black** rings on tibia, ***white*** over metal ring no. DD11375 on the tarsus.
Ringed 18/10/08 at Levington Lagoon (Suffolk) as a first calendar year.
Movements: Thorpe Bay (Suffolk) 25+27/9/10, River Orwell (Suffolk) 2/3/12 and Cley Marshes 2/4/12.

Left leg: **lime** over **yellow** rings on tibia.
Right leg: **yellow** over **red** rings on tibia, ***white*** ring on tarsus.
Metal ring DE0 1310.
Ringed 2/8/12 at Levington Creek (Suffolk) as a first calendar year.
Movements: Freston (River Orwell Suffolk) 27/9/20 and Cley Marshes 29/7/21.

Right leg: **lime flag** on tibia with black code **JK.**
Ringed as a chick at Burnham Overy on 1/6/04.
Movements: Retrapped at Burnham Overy on 4/6/04 then next seen at Cley Marshes 28/6/06.

Right leg: **lime flag** (looked turquoise) on tibia with black code **X77.**
Ringed as a chick at Berney Marshes on 3/6/07.
Movements: Cley Marshes 24/7/07.

Right leg: **lime flag** on tibia with black code **23.**
Ringed as a chick on the saltmarsh adjacent to Snettisham RSPB on 25/5/05.
Movements: Cley Marshes 19/6/08.

Left leg: **yellow** ring on tibia.
Right leg: **lime flag** with black code **8K** on tibia, metal on tarsus.
Ringed 23/6/07 at Berney Marshes (Norfolk) as a chick.
Movements: Cley Marshes 2/8/17.

Unspecified colour-ring combination

Ringed as a first calendar year at Meikle Tarty, Ellon, Aberdeens 22/8/14.
Movements: trapped at Terrington13/9/14 then seen Cley Marshes 24/5/15.

Metal ring only

Metal ring no. GG5537 (Paris)
Ringed as an adult at St Vivien de Medoc (Gironde, France 45 25N 01 01W) 28/3/49.
Recovered at Blakeney 7/5/51.
Distance: 852km N.

Metal ring no. 6313602 (DFH)
Ringed as a first calendar year at Dorum-Neufeld (Germany 53 43N 08 30E) 21/11/91.
Recovered leg only found at Kelling 2/3/96.
Distance: 498km W.

Code/combination incomplete or incorrect

Left leg: **lime** ring on tibia.
Right leg: **yellow** ring on tibia.
Seen Cley Marshes 18/6/21.

Right leg: **lime flag** with black code on tibia.
Seen: Cley Marshes 20/7/03 (a juvenile, appeared to be a 3 letter code which would make it one of 3 chicks captured just before fledging and would be from Stiffkey Saltmarsh, Berney

Marshes or Buckenham Marshes), 17/7/04 (a juvenile), 27/7/06 (probably a juvenile, if so then it will have been ringed at Berney Marshes).

Left leg: ***white*** over **orange** rings on tibia
Right leg: **blue** over **black** rings on tibia, ***white*** over metal ring on the tarsus.
Seen: Cley Marshes 25/7/19.
Ringed on the Orwell Estuary (Suffolk).
Blue over Black not used on right tibia. Probably the colour of the lower right tibia ring was incorrect.

Left leg: **yellow** ring on tibia.
Right leg: **lime flag** with black code on tibia.
Seen Cley Marshes 9/6/14 (ring and flag badly stained), 15-18/6/18 (code beginning with the number 1), 2/7/18 (a juvenile, ring and flag badly stained).

Left leg: **yellow flag** with black code on tibia.
Right leg: **tall red** or **red** over **red** rings on tibia.
Ringed on the Ythan Estuary (Aberdeens).
Seen: Blakeney Harbour 28/7/16.

Greenshank

Four colour-ringed individuals have been seen. One was ringed on the Ythan Estuary in Aberdeenshire, one in The Wash, one in West Germany and one in Brittany, France.

Left leg: **orange** over **black** on tibia.
Right leg: **green** over **lime** rings on tibia.
Ringed as an adult at Holbeach (The Wash, Lincs) 19/9/16.
Movements: Cley Marshes 8/8/17 and Freiston Shore (Lincs) 19/7/18.

Left leg: **orange** over **red** on tibia.
Right leg: **red** over **green** rings on tibia.
Ringed 17/10/09 in Goulven Bay, Brittany, France.
Movements: Cley Marshes 30/5/10.

Left leg: ***white*** over **green** rings
Right leg: **orange** over **dark blue** rings.
Blue ring not seen but this appears to be the only combination possible given the 3 rings that were seen.
Ringed 22/8/03 at the Ythan Estuary (Aberdeens) as a juvenile.
Movements: Cley Marshes 7/7/05.

Unknown colour combination.
Metal ring no. 6305552 (DFH)
Ringed 15/7/84 as a full-grown bird at Rieselfelder, West Germany.
Movements: Cley Marshes 17/9/85.

Green Sandpiper

A single individual fitted with a coded flag and a colour-ring has been seen. It had been ringed in SW Norway less than a month earlier.

Left leg: **red** ring on tibia.
Right leg: **yellow flag** with black code **ZAV** on tibia.
Metal ring no. 8B81940 (Stavanger)
Ringed 8/8/17 as a 1cy at Revtangen, Klepp, Rogaland, Norway (58 46N 05 30E).
Movements: Cley Marshes 1/9/17.
Distance: 701km SSW.

Turnstone

A single individual fitted with a coded flag and a colour-ring has been seen. It had been ringed in the Netherlands a month earlier. Two birds just fitted with metal rings on an island off the west coast of Sweden have been identified from photos.

Left leg: no rings
Right leg: **Yellow flag** on tibia with black code **AYC, Yellow** over metal rings on tarsus.
Ringed 16/11/07 at Groote Keeten (N of Alkmaar), Noord-Holland, Netherlands (52 52N 04 42E).
Movements: Salthouse 16/12/07.

Metal ring no. 4595522 Riksmuseum, Stockholm.
Ringed as a first calendar year 7/9/12 on the island of Nidingen, Halland in the Kattegat off the west coast of Sweden (57 18N 11 54E).
Movements: Retrapped at Nidingen 8/9/12. Ring number read from photos at Salthouse 24/11/12, 12/2/13, 25/11/13 and 9+15/12/14.
Distance: 839km SW.

Metal ring no. 4651088 Riksmuseum, Stockholm.
Ringed as a first calendar year 22/8/13 on the island of Nidingen, Halland in the Kattegat off the west coast of Sweden (57 18N 11 54E).
Seen: Ring number read from photos at Salthouse 25/11/13.
Distance: 839km SW.

Arctic Skua

An individual with ***white*** wing-tags (code not read) was seen offshore at Cley 15/7/16.

Mediterranean Gull

14 birds with coded leg rings have been seen and traced. Five had been ringed in Antwerp, one in the Netherlands, three in Central Hungary, two in Germany, one in the Czech Republic, one in Poland and one in Essex. One of the Hungarian birds visited the Cley Square each summer but suffered a broken leg in its second winter. This leg eventually turned into a withered stump. It was found freshly dead 22/6/07 in Blakeney Harbour in its fourth summer.

Left leg: metal ring on tibia, **lime ring** with white code **3HJ6** on tarsus.
Right leg: no rings.

Ringed 2/7/02 Antwerp (Belgium 51 20N 04 17E) as a pullus.
Movements: Fishguard Harbour 21/9-8/12/02, Dungeness 9-28/6/03, Llanelli 30/7/03 and Cley Marshes 5/4/04.

Left leg: metal ring no. Bruxelles E904363
Right leg: **lime ring** with white (stained yellow) code **91R.**
Ringed 26/5/02 in Antwerp (Belgium 51 20N 04 17E).
Movements: Le Portel (Pas-de-Calais, France 50 42N 01 34E) 13/8/02, St Mary's Island (Whitley Bay) 15/6/03 and Cley Marshes 22/6/05.

Left leg: metal ring.
Right leg: **red ring** with white code **K92**.
Ringed 24/6/03 as a pullus in Csongrad, Central Hungary (46 20N 20 05E).
Movements: Minsmere 5+7/4/05, Cley Marshes 13-14/7/05.

Left leg: metal ring.
Right leg: **red ring** with white code **L73**.
Ringed 4/6/03 as a pullus in Fejer, Central Hungary (46 51N 18 34E).
Movements: Little Marlow (Bucks) 21/3/04, Cley Marshes 25/6/04, 5/8/04, 9/8/04, Salthouse 5/9/04 and Cley Marshes 27/3/05 to 27/7/05. Left leg fractured after sighting on 5/9/04 and before sighting on 27/3/05, possibly after 31/1/05 when a Mediterranean Gull of this age with a red ring that wasn't hobbling was seen. Seen Cley Marshes again 22+25/7/06 with the left leg appearing to be reduced to a withered stump. Found recently dead on 22/6/07 just north of Blakeney Quay.

Left leg: metal ring no. Gdansk FN16022.
Right leg: **red ring** with white code **P97**.
Ringed 20/5/03 as an adult at Skoki-Duze gravel pits, Wloclawek (Poland 52 36N 19 25E).
Movements: Westdorpe, Terneuzen (Netherlands 51 14N 03 49E) 25/5/06, Aberdaron (Gwynedd) 11/10/06, Porth Neigwl (Gwynedd) 9/9/07, Old Moor RSPB, Barnsley (Yorks) 1/7/08, Cley Marshes 6/4/10 and Stiffkey Fen 17/4/14.

metal ring Praha ET12452.
red ring with white code **ZHN2**.
Ringed 2/6/18 as a pullus at Senov, Ostrava, E Czech Republic (49.77N 18.36E) near the Polish border.
Movements: Cley Marshes 6/8/18.

Left leg: metal ring.
Right leg: **red ring** with white code **1L4**.
Ringed 23/6/03 as a pullus in Bosarkany, NW Hungary (47 42N 17 15E).
Movements: Cley Marshes 20/6/04.

Left leg: ***White ring*** with black code **E744** .
Right leg: metal ring.
Ringed 21/6/12 as a pullus Dekreupel Island, Ijsselmeer, N Holland, Netherlands (52 48N 05 14E).
Movements: Cley Marshes 16/9/12.

Left leg: metal ring no. Bruxelles E909663.

Right leg: ***White ring*** with black code **3E84** on tarsus.
Ringed 21//05/05 as a 3cy in Antwerp (Belgium 51 20N 04 17E)
Movements: Le Platier d'Oye Plage (Pas-de Calais, France 51 00N 02 02E) on 5 dates 31/3/06-7/4/06, Slijkplaat (S Holland, Netherlands 51 48N 4 09E) 15/5/06, Cley Marshes 3/8/06, Folkestone (Kent) 7-21/10/06, Le Platier d'Oye Plage again 26/3/07, Calais (France 50 58N 01 52E) 6/6/07, Cley Marshes 13/7/07 and 1/8/07.

Left leg: ***White ring*** with black code **3K79** on tarsus.
Right leg: metal ring no. Bruxelles E910567 on tibia.
Ringed 23/05/06 as a pullus in Antwerp (Belgium 51 15N 04 20E).
Movements: Antwerp 3/7/06 and Cley Marshes 23/7/06

Left leg: ***White ring*** with black code **3N92** on tarsus.
Right leg: metal ring no. Bruxelles E905038 on tibia.
Ringed first as a 3cy on 14/06/04 in Antwerp (Belgium 51 20N 04 19E) when fitted with a green ring and code 3JH7. Then later retrapped nearby as an adult 24/06/06 and fitted with the new white ring.
Movements: Blackpool (Lancs) 6-15/3/05, Seaforth (Lancs) 13/6/05, Le Platier d'Oye Plage (Pas-de Calais, France 51 00N 02 02E) 2/4/06, Antwerp 24/6/06, Oostbug (Sophiapolder, Zeeland, Netherlands 51 19N 03 28E) 21/4/08, Blackpool 1-2/2/09, Cley Marshes 11-12/4/09, Liverpool 19/1/10, Minsmere (Suffolk) 24/3/10, Marton Mere (Lancs) 22/2/11, Blackpool 22-25/2/11, Titchfield Haven (Hants) 9/3/11+10/4/11, Bardsey Island (Gwynedd) 29/1/12, Rye (Sussex) 18/3/12, Liverpool 20/1/13, Blackpool 2/1/14+1/2/14, Crosby Beach (Mersey) 2/2/14, Blackpool 18/2/14, Seaforth 1/7/14, Liverpool 14/2/16, Eagland Hill (Lancs) 6/2/17 and Cley Marshes 8/3/17.

Left leg: metal ring no. IA178015 on tibia.
Right leg: **yellow ring** with black code **AY.KE**.
Ringed as a nestling 8/6/18 at Rehbach Gravel Pit, (Leipzip, Sachsen, Germany 51 16N 12 17E).
Movements: at Rehbach to 2/7/18 then Cley Marshes 17/7/18, Oare Marshes (Kent) 12/8/18 and Playa America, Nigran (Pontevedra, Spain 42 08N 08 49W) 21/11/18. This said to be the first chick from Rehbach to arrive abroad.

Left leg: **yellow ring** with black code **AY.NK** on tarsus
Right leg: metal ring no.IA177950 on tibia.
Ringed as a nestling 15/6/18 at Löbnitz Gravel Pit, Colony, Leipzig, Sachsen, Germany (51° 35' N 12° 28' E)
Movements: Löbnitz 30/6/18, Axe Estuary (Devon) 28/7/18, Slapton beach (Devon) 15/8/18, Lodmoor RSPB (Dorset) 17+19+25/9/18, Scolt Head Island (Norfolk)18/6/19, Sheringham beach (Norfolk) 5/9/19, West Runton (Norfolk) 22/12/19+13/2/20, Minsmere RSPB (Suffolk) 3/5/20, Total Colony Antwerpen (Belgium 51° 15' N 4° 19' E) 21/6/20-2/7/20, Beeston Regis (Norfolk) 18/8/20, West Runton 10/9/20, Cley beach 9/2/21 and Cromer, beach (Norfolk) 11/2/21.

Left leg: **yellow ring** with black code **2R20** on tarsus
Right leg: metal ring no. EA83020 on tarsus.
Ringed as a nestling 26/6/21 at Honey Island, Hamford Water, Essex.
Movements: Cley Marshes 30/7/21

Untraced birds

Left tarsus; metal ring.
Right tarsus: **green ring** with gold code read as MS0 (90 degrees rotated).
Adult.
Seen at Cley Marshes 30/3/03
Cannot be traced - code incorrect if from the most likely scheme in Belgium.

Left leg: **red** ring over a **yellow** or stained ***white*** ring that may have had a code.
Right leg: **red** over metal ring.
Seen at Cley Marshes 24/3/14.

Left leg: metal ring.
Right leg: ***White ring*** (discoloured grey) with black code read as **3REE**.
Seen: Cley Marshes 16/7/18.
Probably ringed in the Netherlands.

Black-headed Gull

Three birds ringed in the Northern Netherlands and fitted with coded wing tags have been seen. 22 birds with coded colour rings on their legs have been traced. The most unusual of these is one ringed in its first winter in Northern Italy then seen at Cley Marshes the following summer. It would be nice to find out where it now breeds! One bird was at least 17 years old when seen at Cley Marshes, bred in Denmark and then usually spent the latter part of its winters at Sheringham. Another two birds came from Denmark with one being found dead on Blakeney Point. There are three birds from Norway, one from Latvia, eight from Poland, one from N Germany, one from Croatia and one from the Netherlands. One of the Polish birds was subsequently seen in Spain in its first winter. The one that appears to have come from totally the opposite direction came from Cotswold Water Park and spent its first three winters at Salthouse Duck Pond. The last two individuals were ringed at an Essex tip in winter.
Of the six metal-ringed birds found dead one had been ringed in Lithuania, one in Estonia, one in Finland, one in Denmark and two on the east coast of England. The metal rings of eight birds at Salthouse were read fully by telescope and one was photographed all the way round. Three were found to be from Finland, one from Sweden, one from Denmark, one from Germany, one from the Czech Republic, one from Croatia, one from Lithuania and the other had been ringed by Moss Taylor just along the coast at Sheringham.

Dark blue wing tags with white code **DL**.
Tagged 3/7/01 as a nestling at Delfzijl in Northern Netherlands (53 20N 06 57E).
Movements: Cley Marshes 5/4/02.

Green wing tags with white code **D8**.
Tagged 6/7/99 as a juvenile in Westernieland, Netherlands (53 24N 06 28E).
Movements: seen 2km east of tagging site shortly after fledging and at Cley Marshes 26/9/03.

Green tag on left wing with white code **HM**.
Tagged before fledging in 2000 on the island of Griend in the Dutch Waddensea.
Movements: Returned to breed on the island of Griend in 2002 then no further sightings before being seen at Cley Marshes 7/8/07.

Left leg; metal ring no. Helgoland 5421483.
Right leg: ***white ring*** with black code **AF418**.
Ringed as an unfledged youngster 25/6/14 at Plon, Ascheberg, Moweninsel, N Germany (54 09N 10 22E).
Movements: Cley Marshes 7/10/14.

Left leg: metal ring no.2505990
Right leg: ***White ring*** with black code **EA5W**.
Seen: Blakeney Quay 22/1(KN).
Ringed initially as a nestling on the island of Griend in the Dutch Waddensea (53,25N 05,25E) on 20/6/14 then retrapped 4/7/14 and the White ring added.
Movements: Griend 3/6/18 and Blakeney Quay 22/1/19.

Left leg: metal ring no. Stavanger, K03073.
Right leg: ***White ring*** with black code **J2TP**.
Ringed 8/6/13 as a nestling at Smestaddammen, Oslo, Norway (59 56N 10 41E).
Movements: Nearly 40 sightings within 34 km of Oslo then seen at Cley Marshes 19/7/18.

Left leg; ***White* ring** with black code **J3KP**.
Right leg: metal ring no. 6174481 Stavanger.
Ringed as a pullus 16/6/12 at Ulsrudvann, Oslo, Norway (59 53N 10 52E).
Movements: Langham 22/7/13 (J misread as 1 but aged as second calendar year), River Almond Estuary (Cramond, Edinburgh) 9/3/15, Torslandaviken (W Goetaland, Sweden 57 42N 11 48E) 9/5/16 and Grenaa harbour (MidJutland, Denmark 56 24N 10 55E) 13/3/17.

Left leg: metal ring no. Stavanger, 6205267.
Right leg: ***White ring*** with black code **J9Z5**.
Ringed 28/6/13 as a nestling at Lanoeyskjaeret, Raade, Oestfold, SE Norway (59 22N 10 52E).
Seen: Salthouse 10/2/14-17/3/14, 8/10/14 -2/3/15, 17/9/15-18/3/16, 25/7/16, 28/10/16-12/3/17, 15/7/17-20/3/18, 7/10/18-18/2/19, 2/9/19-12/2/20, 5/10/20-8/3/21 and 22/11/21-28/12/21.
Distance: 934km SW.

Left leg; ***white ring*** with black code **SKJ6**.
Right leg: metal ring no. LS01317
Ringed 1/3/15 as an adult (in at least its 3rd calendar year) at Jakusevec Rubbish Tip, Zagreb Province, Croatia.
Movements: Cley Marshes 6/9/15.
Distance: 1345km NW.

Left leg; metal ring no. FS 04033.
Right leg: ***white ring*** with code **TLCJ**.
Ringed as an adult 6/6/12 at Zbiornik Przykona, Radyczyny, Turek, Wielkopolskie, NW of Lodz, Central Poland (52 00N 21 30E).
Movements: Turek 10+14/5/13, Champteussse-sur-Baconne landfill site (Maine et Loire, NW France) 4/2/15, Cley Marshes 17/8/15, J.Maltanskie (Poznan, Poland) 9/7/16, Turek 23/5/17 and Cley Marshes 13/9/17+12/3/20.

Left leg; metal ring.
Right leg: ***white ring*** with code **TNMA**.
Ringed as an adult 8/6/13 at Zbiornik Prkykona, Radyczyny, Turek, Wielkopolskie, Poland (52 00N 18 39E).
Movements: Salthouse 22/11/13.
Distance: 1191km W.

Left leg; metal ring no. FN 97967.
Right leg: ***white ring*** with code **TRJT**.
Ringed as an adult 18/5/12 at J.Rynskie, Rybical, Warminsko-Mazurskie, NE Poland (53 55N 21 30E).
Movements: Cley Marshes 11+13/8/15 and 15/8/16.

Left leg: metal ring no. FS 06188
Right leg: ***white ring*** with code **TTLT**.
Ringed 6/6/12 at Zbiornik Przykona, Radyczyny, Turek, Wielkopolskie, W of Warsaw, Central Poland (52 00N 18 39E).
Movements Cley Marshes 26-27/8/15, Koningspleij:Arnhem (Gelderland, The Netherlands) 18/7/16, W Runton (Norfolk) 29/1/17, Turek 27/5/17, Cley Marshes 28/7/17 and West Runton 22/1/18.

Left leg; metal ring.
Right leg: ***white ring*** with black code **T2Y**.
Ringed as an adult 24/3/1987 at Charlotten Strandpark, Gentofte (in the Copenhagen area), Denmark (55 45N 12 35E).
Movements: Sheringham 17/2/90, Copenhagen 4+6/4/92, Sheringham 25/2/93 to 8/3/93 and 6/1/94 to 4/2/94, Copenhagen 7/3/94 and 2/4/94, Sheringham 17-27/2/95, Copenhagen 5/3/95, Sheringham 10/3/96 and 21/2/97, Copenhagen 12+15/6/97, Sheringham 12/2/98, Copenhagen 7/4/98, 14/3/99 and 11/4/00, Cley Marshes 13/9/02.

Left leg; metal ring no. FS03389.
Right leg: ***white ring*** with black code **T79U**.
Ringed as a pullus 21/6/14 at Odra, Bielinek, Cedynia, Zachodniopomorskie, Poland (52 57N 14 09E) very close to the German border, NE of Berlin.
Movements: Cley Marshes 25/7/14.
Distance: 875km W.

Left leg: metal ring with inscription. Zool. Museum, Denmark, 6J-7403
Right leg: ***White ring*** with black code **1NT**.
Ringed 3/4/18 as a male in at least its 3cy (3y+) at Svanemøllebugten, Copenhagen, Sjælland, Denmark (55.43N, 12.35E).
Movements: Salthouse 16/10/18-18/3/19, 7/10/19-14/3/20 and 26/10/20-6/1/21.

Left leg; ***white ring*** with black code **2T30**.
Right leg: BTO metal ring no. EW55230
Ringed 20/6/08 as a nestling at Cerney Wick, Cotswold Water Park (Gloucs).
Movements: Salthouse duck pond 24/11/08-18/3/09, Cley Marshes 22/6/09, Salthouse duck pond again 22/10/09-21/3/10, Stiffkey 12/10/10, Salthouse duck pond 22/11/10-11/3/11, 26/10/11-16/2/12 and 15/8/12-6/12/12.
Distance: 248km NE.

An interesting record as most young Black-headed Gulls ringed in this project have dispersed west or south.

metal ring no. 6H-7398 (Zool. Museum, Denmark)
white ring with black code **509**.
Ringed 27/3/11 as an adult (3cy+) female at Svanemøllebugten, Copenhagen, Denmark (55 43N 12 35E).
Movements: Utterslev Mose, Copenhagen (55 43N 12 30E) 11/5/11 and 10/6/11.
Recovered found dead (predated) on Blakeney Point 2/3/12.

Left leg; no rings.
Right leg: metal ring on tibia and **yellow ring** with black code **IFAH** on tarsus.
Ringed as a first-calendar year 12/12/10 at Lago di Viverone, Biella, N Italy (45 25N 08 02E).
Movements: Cley Marshes 10/8/11.

Left leg: **yellow ring** with black code **K634**
Metal ring Riga S8641.
Ringed 17/6/13 as a pullus at Aizpute, Liepaja on the W coast of Latvia (56 44N 21 35E).
Movements: Cley Marshes 17/8/15.

Left leg: Metal ring no.FS29012.
Right leg: **yellow ring** with black code **TL7A**
Ringed as a 1cy 17/11/17 at Gdansk-Brzezno, Pomorskie, Poland (54 25N 18 38E).
Movements: several sightings within 5km of where it was ringed to 22/3/18, Warszawa (Mazowieckie, Poland 52 16N 21 01E) 30/3/18, Sheringham 9/7/18, Cromer 18/1/19 and Salthouse duck pond 15/2/19.
Distance: 1162km W.

Metal ring no. FN2751.
Ringed as a pullus 9/6/00 Bojano, Szemud, Pomorskie, Poland (54 28N 18 23E).
Controlled 19/5/18 at Jezioro Sominskie, Pomorskie, Poland (54 01N 17 38E).
Distance: 69km SW.
Then fitted with following new rings
Left leg: Metal ring no. FS17293.
Right leg: **yellow ring** with black code **TMT1**
Movements: Cley Marshes 27/7/18 + 15/8/18 (and almost certainly on 21/7/18 but M not seen clearly enough to read) then again 29/7/19.
Distance: 1149km W from first ringing location.

Metal ring no. FS32100.
yellow ring with black code **TRV5**
Ringed 18/5/19 at Jezioro Rynskie, Ptasia Wyspa, Ryn, Warminsko-Mazurskie, Poland
Movements: Cley Marshes 8/8/19 aged as a juvenile, San Ciprian (Lugo, Spain) 14/12/19, San Cibrao (Lugo, Spain) 20/12/19 and the Cobo River estuary (Lugo, Spain) 24/12/19.

Left leg: **yellow ring** with black code **2FKX**
Right tibia metal ring no. EY45958.
Ringed 6/12/14 at Pitsea Tip (Essex) as a bird in at least its second calendar year.
Movements: Cley Marshes 6/9/15.

Left leg: **yellow ring** with black code **2SCK**
Right leg: metal ring no.EZ58537.
Ringed Pitsea Landfill Site (Essex) 3/12/16 as a bird in at least its second calendar year.
Movements: Barking (Gtr London) 19/2/18 and Cley Marshes 15/7/18.

Untraced birds

Left leg: ***White ring*** with black code **H1Y**
Right leg: metal ring.
Ringed possibly Denmark but the scheme coordinator has never responded to this particular sighting whereas he has to other sightings so it may be a misread.
Movements: Salthouse 10/12/19.

white ring with black code read as **X.5E9** or **X.5F9**.
Ringed probably in SE Germany.
Movements: Cley Marshes 10-11/8/15

The following two birds fitted with "chicken rings" have been seen. Some of these helical coil rings had flattened and dropped causing the upper one to partially obscure the lower one. They appear to have belonged to an unregistered scheme.

Left leg: metal ring on tibia and **grey** ring on tarsus.
Right leg: **black** over ***white*** rings on the tarsus.
Seen at Cley Coastguards 20-25/7/00.

Left leg: metal ring on tibia and **grey** ring on tarsus.
Right leg: **grey** over **blue** rings on the tarsus.
Seen at Cley Coastguards 20-25/7/00.

Birds with metal ring only

Left leg; metal ring no. **EH68168**
Ringed 3/1/03 by Moss Taylor as an adult at Sheringham.
Seen Salthouse 28/12/09 to 21/3/10, 1/1/11 to 6/3/11 and 9/11/11 to 7/12/11.
Distance: 9km W.

Left leg: metal ring. N Museum, Praha, **ES 33.475**
Ringed as a pullus 6/6/13 at Chomoulov, Olomouc, Czech Republic (49 38N 17 14E).
Seen: Salthouse 12-28/2/14, 13/11/14 - 22/2/15.
Distance: 1177km WNW.

Right leg: metal ring with inscription **HA.48.660**, Lithuania
Ringed as a nestling 10/6/19 at Kretuono ež. Didžioji sala, Švenčionių r., Lithuania (55 15N 26 05E).
Seen Salthouse 2/11/20-30/12/20
Distance: 1639km W.

Right leg: metal ring with inscription **ST247.258**, Museum Zoolog, Helsinki Finland
Ringed 23/4/06 as an adult at Espoo, Uusimaa, S Finland (60 14N, 24 32E).

Seen Salthouse 24/11/12 (full code photographed) – 13/3/13 and 12/2/14 (full code read), almost certainly seen at the same location 28/2/14 (first five characters seen), 26/12/10-26/1/11 (first two numbers not seen), probably the previous spring 11+15/3/10 (only letters and last two numbers seen).
Distance: 1640km WSW.

Right leg: metal ring with inscription **ST265.470**, Museum Zoolog, Helsinki, Finland
Ringed 28/7/07 as a first calendar year at Turku, Varsinais-Suomi, S Finland (60 29N, 22 20E).
Seen: Salthouse 15+18/2/13 and 24/12/14-25/2/15.
Distance: 1533km WSW.

Right leg: metal ring with inscription **ST269566**, Museum Zoolog, Helsinki, Finland
Ringed 13/6/08 as a youngster out of the nest at Lahti, Haeme, S Finland (61 00N, 25 39E).
Seen Salthouse duck pond 26/12/10-31/1/11 and 9-19/1/12
Distance: 1725km WSW.

Metal ring no. **ST274202**, Museum Zoolog, Helsinki, Finland
Ringed 18/4/08 as an adult at Porvoo, Uusimaa, S Finland (60 25N 25 43E).
Found dead 22/11/11 on Blakeney Point.
Distance: 1714km WSW.

Right leg: metal ring **ST301.332**, Museum Zoolog, Helsinki Finland
Ringed 28/6/16 as a youngster out of the nest at Rovaniemi, Lappi, Finland (66 29N 25 43E).
Seen: Salthouse duckpond 9/1/17-22/3/17, 20/11/17-12/3/18 and 23/11/18-8/3/19.
Distance: 2016km SW.

Left leg: metal ring. Zool. Museum , Denmark, **6J-4976**
Ringed 23/5/13 as a pullus at Holm Sø, Brøndby, Sjælland, Denmark (55 37N, 12 26E).
Seen: Salthouse 24/12/14-21/3/15, 3/11/15-12/3/16, 5/11/16-25/1/17, 2/12/17-8/2/18, 16/10/18-4/3/19,12/11/19-29/1/20, 4/11/20-29/12/20 and 18/11/21-29/12/21.
Distance: 792km WSW.

Metal ring no. **340214** (LIK)**.**
Ringed 8/5/98 as a second calendar year bird at Ventas Ragas, Silute, Lithuania.
Found long dead at Cley 14/2/99 (ring only).
Distance: 1339km WSW.

Left leg; metal ring no. **5351000**, Helgoland.
Ringed 30/6/08 as a pullus on the German Island of Fohr in the North Frisians (54 42N 08 27E).
Seen Salthouse duck pond 22/10/09 to 21/3/10, 1/1/11-13/3/11, 7/12/11-9/1/12 and 8/11/12-6/1/13.
Distance: 519km WSW.

Right leg; metal ring no. **6186226**, Riksmuseum, Stockholm
Ring dull and very worn particularly the top of the 86.
Ringed 22/6/00 as a nestling at Soederhamn, Haelsingland, E Sweden (61 19N 17 10E).
Seen Salthouse duck pond 3+8/3/10(last number not seen), 9/2/15 and 14/1/16.

Standard metal ring
Ringed 3/11/65 at Deeping St. James (Lincs).
Recovered 10/6/82 on Blakeney Point (presumably found dead).

Standard metal ring
Ringed 27/6/76 at Cole Point (Essex).
Recovered 11/5/82 on Blakeney Point (presumably found dead).

Standard metal ring
Ringed in Estonia.
Found dead 31/1/94 on Blakeney Point.

Common Gull

Three birds with colour rings have been seen. The two that could be traced were ringed in Norway and on the Baltic coast of Germany.

Left leg: Stavanger metal ring no. 596996
Right leg: ***White leg ring*** with black code **JT37**.
Ringed as an adult male 25/7/11 at Jaerhagen, Kleppe, Rogaland, Norway (58 47N 05 38E).
Movements: Blakeney Harbour 10/12/16.

Left leg: ***White leg ring*** with black code **X73E**.
Right leg: Hiddensee metal ring no. IA 072473.
Ringed as a chick 30/6/04 at Walfisch, Mecklenburg-Vorpommern on the Baltic coast of Germany (53 56N 11 26E).
Movements: Barton (Norfolk) 29/3/05, Salthouse 11+20/10/05, Cley Marshes 10/11/05 and 2/1/06, Salthouse 24/2/08 – 13/3/08, 10/1/09-10/3/09, 24/1/11, 18/2/13, 17+23/11/13 (plus probable sightings there on 8/11/12 and 29/1/13 with only part of the code seen), finally seen near its probable breeding area at Langenwerder (Germany 54 02N 11 30E) then another partial read at Weybourne 2/11/14.
Distance: 695km W.

Untraced bird

Left leg: metal ring.
Right leg: **red ring**.
Ringed Either in Denmark or at a landfill site near Leeds in 2002.
Seen at Cley Marshes 23/3/03

Lesser Black-backed Gull

101 birds with coded colour leg rings have been seen and traced. 26 (26%) were ringed in Suffolk, nearly all of these at Orfordness, 32 (32%) in Norway and 14(14%) in the Netherlands. In addition there are 10 other birds from England, 10 from Germany, six from Denmark and singles from Iceland, Sweden, France and Spain. They were all seen between April and October. The age of most individuals was known. Four (4%) were seen as juveniles (1cy), 28(28%) in their first summer, 34(34%) in their second summer, 13(13%) in their third

summer and 31(31%) were seen as adults. 16 of the birds have also been seen in Spain, 10 in Portugal and four as far south as Morocco and the Canary Islands.
In addition a third calendar year bird with a metal ring that had been ringed as a nestling in the Wash was found dead on Cley Beach.
Individuals nesting in Norway north of 63.8 degrees N are said to show the characteristics of the nominate subspecies Baltic Gull.

Left leg: **Black ring** with white code **JHM9**.
Right leg: metal ring no. Stavanger 4228239.
Ringed Vestre Nigius, Soegne, Vest Agder, SW Norway (58 04N 07 47E) as a pullus 21/7/10.
Movements: Pantin Beach, Valdovino, La Coruna (Spain 43 38N 08 07W) 24/3/13, Cley Marshes 26/7/13.

Left leg: metal ring no. Stavanger 4262849.
Right leg: **Black ring** with white code **JMH3**.
Ringed Håvik, Karmøy,Rogaland, Norway (59 19N 05 19E) as a pullus 20/7/13.
Movements: Katwijk aan Zee Strand (Zuid-Holland, Netherlands 52 11N 04 22E) 14/9/13, Reve Redningsstasjon (Lifeboat Station), Klepp (Rogaland, Norway 58 46N 05 31E), Cley Marshes 2/8/17 and El Jadida Harbour (Doukhala-Abda, Morocco 33 15N 08 30W) 15/1/20.
Distance: 754km S.

Left leg: **Black ring** with white code **JN2M**.
Right leg: metal ring no. Stavanger 4268656.
Ringed Kjorten, Mandal, Vest Agder, SW Norway (58 00N 07 18E) as a pullus 20/7/16.
Movements: Cley Marshes 19/7/17.
Distance: 685km SW

Left leg: **Black ring** with white code **JXN2**.
Right leg: metal ring no. Stavanger 4273582.
Ringed Rauna, Farsund, Vest Agder, SW Norway (58 04N 06 40E) as a pullus 6/7/09.
Movements: Porto de Lagos (Portimao, Faro, Portugal 37 13N 08 31W) 20/11/12, Mandal (Vest Agder, Norway 58 01N 07 31E) 14/6/17+11/6/18, Cley Marshes 4+6/8/18 and Mandal 26/7/19.
Distance: 668km SW

Left leg: metal ring no. Stavanger 4273902.
Right leg: **black ring** with white code read as **J002V**.
Ringed 28/6/15 Lyngoey, Tysnes, Hordaland Norway (60 05N 05 31E).
Movements: Puerto de Las Palmas (Isla de Gran Canaria 28 08N 15 25E) 7/12/15 and Cley Marshes 5/9/17.

Left leg: metal ring no. Stavanger 5188295.
Right leg: **Black ring** with white code **J028V**.
Ringed Nygaardsparken, Bergen, Norway (60 23N 05 20E) 28/4/17.
Movements: Bergen 29/4/17 + 18/7/17, Cley Marshes 5/9/17.

Left leg: **Black ring** with white code **J032R**.
Right leg: metal ring no. Stavanger 4277332.
Ringed Rauna, Farsund, Vest Agder, SW Norway (58 04N 06 40E) as a pullus 7/7/15.

Movements: Cley Marshes 9/10/17.
Distance: 670km SW

Left leg: metal ring no. Stavanger 4130105.
Right leg: **Black ring** with white code **J104A**.
Ringed Padda, Oslo, Norway (59 52N 10 46E) as a pullus 9/7/13.
Movements: Cley Marshes 2/8/18.
Distance: 974km SW.

Left leg: **Black ring** with white code **J128H**.
Right leg: metal ring no. Stavanger 4273477.
Ringed Lyngoey, Tysnes, Hordaland, Norway (60 05N 05 31E) as a pullus 3/7/16.
Movements: Cley Marshes 29/7/18.
Distance: 838km SW

Left leg: **Black ring** with white code **J131L**.
Right leg: metal ring no. Stavanger 4276051.
Ringed Kubbøy, Søgne, Vest Agder, SW Norway (58 01N 07 48E) as a pullus 4/7/14.
Movements: Puerto de la Caleta de Velez (Málaga, Spain 36 45N 04 04W) 26/12/14+9/1/15, Groote Keeten (Noord-Holland, The Netherlands 52 52N 04 42E) 13/8/15, Callantsoog Strand (The Netherlands 52 51N 04 42E) 25/8/15, Cabo Raso (Cascais, Lisboa, Portugal 38 42N 09 29W) 2/11/15, Malaga harbour (Spain 36 43N 04 25W) 11/2/16, Klepp (Rogaland, Norway 58 45N 05 29E) 11/7/16, Malaga harbour 7/1/17, 19/11/17+16/12/17, Cley Marshes 19/9/18.
Distance: 706km SW.

Left leg: **Black ring** with white code **J159U**.
Right leg: metal ring no. Stavanger 4286489.
Ringed Kjorten, Mandal, Vest Agder, SW Norway (58 00N 07 18E) as a pullus 5/7/17.
Movements: Cley Marshes 23/8/17.
Distance: 685km SW

Left leg: **Black ring** with white code **J182R**.
Right leg: metal ring no. Stavanger 4277482.
Ringed Rauna, Farsund, Vest Agder, SW Norway (58 04N 06 40E) as a pullus 3/7/16.
Movements: Seen again Rauna 23/8/16 and to have fledged. Cley Marshes 26/7/17, Cromer 6/6/18 and Cley Marshes 28/7/18.
Distance: 668km SW

Left leg: metal ring no. Stavanger 4281868.
Right leg: **Black ring** with white code **J383V**.
Ringed Gauselholmen, Stavanger, Rogaland, Norway (58 54N 05 45E) as a pullus 7/7/16.
Movements: Cley Marshes 20/7/18.
Distance: 724km SW.

Left leg: metal ring no. Stavanger 4269844.
Right leg: **Black ring** with white code **J549N**.
Ringed Jernbanetomten, Hillevaagsvatnet, Stavanger, Rogaland, Norway (58 57N 05 45E) as a pullus 5/7/15.
Movements: Cotesbach Landfill (Leics) 5/10/16, Cley Marshes 4/9/17.

Distance: 724km SW.

Left leg: **Black ring** with white code **J698E**.
Right leg: metal ring no. Stavanger 4259848.
Ringed Rauna, Farsund, Vest Agder, SW Norway (58 04N 06 40E) as a pullus 17/7/13.
Movements: Varde (Syddanmark, Denmark 55 37N 08 07E) 13/9/15, Huelva (Spain 37 12N 07 05W) 25/11/15 and Cley Marshes 17/7/18.
Distance: 668km SW

Left leg: metal ring no. Stavanger 4275384.
Right leg: **Black ring** with white code **J709A**.
Ringed Patteroed, Moss, Ostfold, Norway (59 27N 10 43E) 4/8/14.
Movements: Gullholmen, Moss (59 26N 10 35E) 8/5/16 and Cley Marshes 22/9/17.
Distance: 936km S.

Left leg: metal ring no. Stavanger 473690.
Right leg: **Black ring** with white code **J730N**.
Ringed Gauselholmen, Stavanger, Rogaland, Norway (58 54N 05 45E) as a pullus 1/7/15.
Movements: Cley Marshes 6/9/17.
Distance: 724km SW.

Left leg: **Black ring** with white code **J759E**.
Right leg: metal ring no. Stavanger 4277159.
Ringed Rauna, Farsund, Vest Agder, SW Norway (58 04N 06 40E) as a pullus 17/7/14.
Movements: Cley Marshes 11/10/17.
Distance: 670km SW

Left leg: **Black ring** with orange code **R9LL**.
Right leg: metal.
Ringed Ribble Estuary (53 42N 02 55W) as a juvenile 6/7/02.
Movements: Cley Marshes 29/6/03.

Left leg: **Black ring** with white (stained yellow) code **W4YL**
Right leg: metal.
Ringed as a juvenile at S Walney 5/7/03.
Movements: Gijon (N Spain 43 32N 05 39W) 22/4/04, Calne (Wilts) 26/11/04, Gloucester 3/12/04 and Cley Marshes 23/6/05 (305km ESE).

Left leg: **Black ring** with yellow code **W6ZD**.
Right leg: metal.
Ringed 15/7/03 Barrow in Furness as a juvenile.
Movements: Cley Marshes 10/6/04 (308km ESE).

Left leg: **Black ring** with orange code **W9VT**.
Right leg: metal.
Ringed S Walney Island (54 03N 03 12W) as a juvenile 13/7/02.
Movements: Gloucester landfill tip (51 51N 02 17W) 3-6+29/9/02, Cley Marshes 23/6/03 and 6/7/03.

Left leg: **Black ring** on tibia.

Right leg: **Blue ring** with code **6.0** on tibia.
metal ring no. Arnhem .5508281.
Ringed 18/5/15 at Vlissingen-Oost(Sloehaven), Zeeland (Netherlands 51 27N 03 41E) as a female in at least its fourth calendar year.
Movements: Buxton with Lammmas (Norfolk) 24-26/9/15, Vlissingen-Oost 27/4/16 and Cley Marshes 17/10/16.

Left leg: **Black ring** on tibia.
Right leg: **Green ring** with code **AV** on tibia.
metal ring no. Arnhem 5505918.
Ringed 8/5/15 at Europoort(Dintelhaven), Zuid-Holland (Netherlands 51 57N 04 06E) as a bird in at least its fourth calendar year.
Movements: Remained at Europoort to 15/5/15, again present 25/3/16-30/4/16, Cley Marshes 24+28/9/16, Europoort 18/3/17-2/4/17 and 2+20/4/18, Rotterdam (Netherlands 51 57N 04 29E) and Cley Marshes 8/9/18.

Left leg: **Blue ring** with white (stained yellow) code **JA9Z**
Right leg: metal ring no. Stavanger 4229629.
Ringed 13/7/05 at Mandal, W Agder, Norway (58.00N 07.26E) as a pullus.
Movements: Porto (Portugal 41.11N 08.42W) and Cley Marshes 12/6/07.

Left leg: **Blue ring** with white (stained yellow) code **JU9V**
Right leg: metal ring no. Stavanger 4229099.
Ringed 9/7/03 at Mandal, W Agder, Norway (58.01N 07.20E) as a pullus.
Movements: Cley Marshes 23+26/7/05, Wilby (Norfolk) 30/7/05 and Pinto, Madrid, Spain (40 15N 03 42W) 4/3/06.

Left leg: **Blue ring** with code **JU57**
Right leg: metal.
Ringed 3/7/01 Farsund, W Agder Norway (58 03N 06 40E) as a pullus.
Movements: Loire, France (47 18N 02 31W) 27/6/02, Farsund 28/5/03 and Cley Marshes 24/6/03.

Left leg: **Blue ring** with code **JXY8**
Right leg: metal.
Ringed 19/7/2001 Farsund, W Agder, Norway (58.03N 06.40E) as a pullus.
Movements: Cley Marshes 22/6/03.

Left leg: **Blue ring** with code **J00U.**
Right leg: metal.
Ringed 12/7/02 Farsund, W Agder Norway (58.03N 06.40E) as a pullus.
Movements: 11/8/02 Farsund and Cley Marshes 21/6/03.

Left leg: **Blue ring** (badly discoloured) with code **J10R**.
Right leg: metal ring.
Ringed 3/7/02 Farsund, W Agder, Norway (58.03N 06.40E) as a pullus.
Movements: Cley Marshes 19/6/04.

Left leg: **Blue ring** with code **J27E.**
Right leg: metal.

Ringed 11/7/02 Farsund, W Agder, Norway (58.03N 06.40E) as a pullus.
Movements: 13/10/02 Porto, Portugal (41 11N 08 42W) and Cley Marshes 15/6/03.

Left leg: **Blue ring** with code **J30R**.
Right leg: metal.
Ringed 3/7/02 Farsund, West Agder, Norway (58.03N 06.40E) as a pullus.
Movements: Cley Marshes 4/6/03.

Left leg: **blue ring** with code **J35U**.
Right leg: metal ring no. Stavanger 4244035
Ringed 12/7/02 as a pullus at Farsund, Vest Agder, SW Norway (58.03N 06.40E).
Movements: Cley Marshes 14/8/06

Left leg: **Blue ring** with code **J55U.**
Right leg: metal ring no. Stavanger 4244105.
Ringed 12/7/02 Farsund, W Agder, Norway (58.03N 06.40E) as a pullus.
Movements: Cley Marshes 23/6/04 and 25/7/05 then seen at the colony where it was raised in Farsund 1/7/07 and 31/7/08.

Left leg: **Blue ring** with code **J56U.**
Right leg: metal.
Ringed 12/7/02 Farsund, W Agder, Norway (58.03N 06.40E) as a pullus.
Movements: Cley Marshes 18/6/03.

Left leg: **Blue ring** with white code **J64J**
Right leg: metal ring no. Stavanger 4244264.
Ringed 12/7/02 Farsund, W Agder, Norway (58.03N 06.40E) as a pullus.
Movements: Porto (Portugal 41 11N 08 42W) 25-26/9/02, Boulogne (France 50 43N 01 37E) 30/7/04 and Cley Marshes 23/7/05.

Left leg: metal
Right leg: **Blue ring** with code **J70T**.
Ringed 11/7/02 Farsund, West Agder, Norway (58 03N 06 40E) as a pullus.
Movements: Cley Marshes 15/6/03.

Left leg: **Blue ring** with code **J76M**.
Right leg: metal.
Ringed 15/7/02 Farsund, W Agder, Norway (57 59N 07 22E) as a pullus.
Movements: Cley Marshes 19/6/03.

Left leg: **Blue ring** (badly discoloured) with code **J708**.
Right leg: metal ring.
Ringed 29/6/98 Farsund, W Agder, Norway (58.03N 06.40E) as a pullus.
Movements: Cley Marshes 20/6/04.

Left leg: metal ring.
Right leg: **Blue ring** with white code **V.AH6**
A second-calendar year.
Ringed in Denmark.
Movements: Cley Marshes 21/7/16

Left leg: metal ring Copenhagen 4L-0618.
Right leg: **Blue ring** with white code **V.A8C**
Ringed as a pullus 6/7/09 at Klaegbanke, Ringkoebing-Skjern (Denmark 56 00N 08 17E).
Movements: Cley Marshes 26/7/13 and Klaegbanke 23/4/16.

Left leg: metal ring Copenhagen 4L-5919.
Right leg: **Blue ring** with white code **V.CR9**
Ringed as a pullus 5/7/15 at Klaegbanke, Ringkoebing-Skjern (Denmark 56 00N 08 17E).
Movements: Isla Cristina (Huelva, Spain 37 12N 07 20W) 25/11/15 and Cley Marshes 11/8/17.

Left leg: **Blue ring** with white code **VS4M**.
Right leg: metal ring no. Stokholm 8121204.
Ringed as a pullus 5/7/13 at Nidingen, Kungsbacka, Sweden (57 18N 11 54E).
Movements: Cley Marshes 7/8/15.

metal ring Copenhagen 4L-5132.
Blue ring with white code **V.Z9R**
Ringed as a pullus 23/6/15 at Hirsholm, Frederikshavn, N Jutland (Denmark 57.29N 10 37E).
Movements: Malaga beach (Spain 36.45N 04.05W) 8/2/16, Den Haag (Netherlands 52.05N 04.15E) 15/7/17, Malaga harbour (Spain 36.42N 04.25W) 8/2/16 and Cley Marshes 27/7/18.

Left leg: metal ring Copenhagen.
Right leg: **Blue ring** with white code **V.31J**
Ringed as a
Movements: Cley Marshes 12/8/18.

Left leg: metal ring Copenhagen 4L-9254.
Right leg: **Blue ring** with white code **V.54F**
Ringed as a female in at least its 3cy 28/6/17 at Langli, Varde (Denmark 55 31N 08 19E).
Movements: Cley Marshes 6/9/17.

metal ring Copenhagen 4L-8860.
Blue ring with white code **V.6H9**
Ringed as a male in at least its 3cy (3y+) 24/5/18 at Hirsholm, Frederikshavn, N Jutland (Denmark 57.29N 10 37E).
Movements: Cley Marshes 20/7/18.

Left leg: **Blue ring** with code **YL81**.
Right leg: metal ring.
Ringed in Iceland.
Movements: Cley Marshes 5+19/8/10

Left leg: **Green ring** with white code **F.ATD** on tarsus
Right leg: metal ring no. on tibia.
Ringed 13/5/14 as an adult at Kelderhuispolder on the island of Texel (Netherlands 53.01N 04.71E).
Movements: Seen on Texel 2-10/5/15 and 5/4/17, Cley Marshes 5/7/17.

Left leg: **Green ring** with code **K.AUD** (read as KAUO but O is not used).
Right leg: metal ring on tibia.
Ringed 15/7/12 on the Island of Texel (Netherlands 53 01N 04 43E) as a juvenile.
Movements: Remained on Texel to 29/7/12. According to the Dutch ringer it had a rather serious, but healed, head wound. Then seen at Cley Marshes 15/8/12.

Left leg: **Green ring** with white code **N:64A** on tarsus
Right leg: metal ring noGV58081.
Ringed as a chick 16/7/17 at Walney Spit (Cumbria).
Movements: Cley Marshes 18/6/18.

Left leg: **Red ring** with white code **APF**.
Right leg: metal.
Ringed 13/7/96 at Orfordness as a pullus.
Movements: Heinsburg (Germany 50 59N 06 04E) 22/7/98, Sesimbra (Portugal 38 26N 09 06W) 3/4/00, Orfordness 20/4/00 to 28/5/00, 10/6/01 and 7/4/02 to 18/5/02, Westkapelle (Netherlands 51 32N 03 26E) 21/10/04 and Cley Marshes 20/7/05.

Left leg: **Red ring** with white code **AWAN**
Right leg: metal ring no.GR15038
A male.
Ringed 4/7/10 Havergate Island (Orford, Suffolk) as a pullus.
Movements: West Harling (Norfolk) 13/7/14, Oualidia (Morocco 32 44N 09 02E) 11/12/14, Wells-next-the-Sea (Norfolk) 11/9/15, Cley Marshes 12/6/17, 22/7/17, 16/3/18, 26/7/18, Blakeney Quay 27/4/19, 19+22/7/19, Cley Marshes 10/9/19, Blakeney Quay 5+13+19/10/19, Cley Marshes 6/2/20 and Blakeney Quay 7/3/20, 7/4/20 (on a rooftop with a mate), 28/5/20, 10+30/8/20, 10+18/9/20, 5/10/20 and 3+6+25/4/21.

Left leg: **Red ring** with white code **B35**.
Right leg: ***White ring*** with black letter E.
Ringed 8/7/02 in the port of Rotterdam, Netherlands as a pullus.
Dates at Cley Marshes 19/6/04.

Left leg: **Red ring** with white code **B91**.
Right leg: ***White ring*** with black letter **E** upside down.
Ringed 7/7/02 in the port of Rotterdam, Netherlands (51 58N 04 02E) as a pullus.
Dates at Cley Marshes several dates 9/5/03 to 21/6/03, 5/5/04 to 6/8/04, 19+25/7/05, 11-12/4/06 and 5/8/07.

Left leg: **Red ring** with white code **DKT**
Right leg: metal.
Ringed 19/7/97 Orfordness as a pullus.
Movements: East Harling (Norfolk) 5/3/03 and Cley Marshes 12+18/6/04.

Left leg: ***White ring*** with black letter **E** (ring lost)
Right leg: **Red ring** with yellow code **E311**.
Metal ring no. 5464206 Arnhem
Ringed 8/7/00 in the port of Rotterdam, Netherlands (51 57N 04 03E) as a pullus.

Movements Cley Marshes 27/6/04 and 1/7/04, Rotterdam 11/4/08-13/6/08, 14/4/09-2/7/09, 29/3/10-20/5/10, 3/4/11-11/6/11, Huelva (Spain 37 12N 06 57 W) 25/1/12, Rotterdam 1/6/12-17/7/12 and 10/5/13-13/7/13.
Bird retrapped at Rotterdam 9/6/11 and fitted with a new set of colour-rings as follows
Left leg: ***White ring*** with red code **N+** on tibia.
Right leg: **Black ring** on tibia.

Left leg: ***White ring*** with black letter **E**
Right leg: **Red ring** with white code **E376**.
Ringed 8/7/00 in the port of Rotterdam, Netherlands (51 57N 04 03E) as a pullus.
Dates at Cley Marshes: 15/6/03.

Left leg: **Red ring** with white code **E585**.
Right leg: ***White*** ring with black letter **E**.
Ringed 1/7/01 in the port of Rotterdam, Netherlands (51 57N 04 03E) as a pullus.
Dates at Cley Marshes: 24/6/03

Left leg: **Red ring** with white code **E594**.
Right leg: ***White ring*** with black letter **E.**
Ringed 1/7/01 in the port of Rotterdam, Netherlands (51 57N 04 03E) as a pullus.
Dates at Cley Marshes: 23/6/03 and 22/8/06.

Left leg: **Red ring** with white code **FDN.**
Right leg: metal.
Ringed 19/7/98 Orfordness as a pullus.
Movements: Minsmere 1/4/00, Orfordness 17-24/6/01 and 6/4/02 to 6/5/02, Cley Marshes 5/6/04.

Left leg: **Red ring** with white code **FZJ.**
Right leg: metal.
Ringed 11/7/02 Ipswich (roof nesting colony) as a pullus.
Movements: Cley Marshes 12+19/6/03.

Left leg: **Red ring** with code **H722.**
Right leg: metal ring no. Helgoland N009331
Ringed 3/7/10 as a nestling at Odde on the Island of Amrum, NW Germany (54 42N 08 21E).
Movements: Cley Marshes 26-31/7/13.

Left leg: **Red ring** with white code **JCZ**.
Right leg: metal.
Ringed 4/7/99 Orfordness as a pullus.
Movements: Porto (Portugal 41 09N 08 37W) 13/10/02, Algarve (Portugal) 10+11/1/05 and Cley Marshes 15-23/6/04.

Left leg: **Red ring** with white code **LCA**
Right leg: metal.
Ringed 17/7/99 Orfordness as a pullus.
Movements: Seine Estuary, Le Havre (France 49 27N 00 10E) 23/9/99, Cley Marshes 6/5/05 and 12/7/06.

Left leg: **Red ring** with white code **LHK**.
Right leg: metal.
Ringed 17/9/99 Orfordness as a pullus.
Movements: Orfordness 10/6/01, Cley Marshes 21/6/01 to 2/8/01, 16/6/04 and 19/7/05, rubbish tips near Madrid 1/06.

Left leg: **Red ring** with white code **LUK**
Right leg: metal.
Ringed as a pullus at Orfordness, Suffolk in 2000.
Movements: Cley Marshes 13/7/01to 2/8/01, Orfordness 6/6/02 and Cley Marshes 17/6/02.

Left leg: **Red ring** with white code **ODF**.
Right leg: metal.
Ringed 27/6/02 as a pullus on Flat Holm Island, Bristol Channel (51 23N 03 07W).
Movements: Cley Marshes 15/6/05.

Left leg: **Red ring** with white code **PJD** (damaged at P).
Right leg: metal.
Ringed 15/7/01 Orfordness as a pullus.
Movements: Alfurada (Portugal 41 08N 08 39W) 23/2/02, Porto (Portugal 41 09N 08 41W) 2/1/03 and Cley Marshes 31/5/04 to 11/6/04.

Left leg: **Red ring** with white code **PHS**.
Right leg: metal.
Ringed 15/7/01 Orfordness as a pullus.
Movements: Cley Marshes 7/6/03.

Left leg: **Red ring** with white code **PPY**
Right leg: metal.
Ringed 21/7/01 Orfordness as a pullus.
Movements: Gijon (Spain 43.32N 05.38W), Costa da Caparica (Portugal 38.39N 09.14W), Godmanchester (Cambs), Badajoz (Spain 38.53N 09.14W) and Cley Marshes 26/7/06.

Left leg: **Red ring** with white code **PVX.**
Right leg: metal.
Ringed 21/7/01 Orfordness as a pullus.
Movements: Hempsted near Gloucester 24/4/03 and Cley Marshes 3/6/03.

Left leg: **Red ring** with white code **PZA**.
Right leg: metal.
Ringed 21/7/01 Orfordness as a pullus.
Movements: Hempsted near Gloucester 23/10/02, Cley Marshes 7-28/6/03, Orfordness 22/5/04, Cley Marshes 31/5/04, Maidstone 3/8/04 when sick (possibly botulism) and taken into care and then subsequently released at Pett Level (E Sussex) 24/8/04. Seen at Cley Marshes 18/7/05. Seems to have survived the winter and recovered well!!!

Left leg: **Red ring** with white code **RNJ**.
Right leg: metal.
Ringed 10/7/05 Orfordness as a pullus.

Movements: Pas-de-Calais (France 50 53N 01 36E) 29/6/06, Quinto do Largo, Algarve (Portugal 37 02N 08 02W) 17/9/06 and Cley Marshes 7/6/07.

Left leg: **Red ring** with white code **SAD**.
Right leg: metal.
Ringed 13/7/02 Orfordness as a pullus.
Movements: Cley Marshes 17+20/6/04.

Left leg: **Red ring** with white code **SBY**.
Right leg: metal.
Ringed 13/7/02 Orfordness as a pullus.
Movements: Cley Marshes 29/5/04 to 20/6/04.

Left leg: **Red ring** Red with white code **SDF**.
Right leg: metal.
Ringed 14/7/02 Orfordness as a pullus.
Movements: Cley Marshes 22-23/6/04 and 23/7/05.

Left leg: **Red ring** with white code **SDJ**.
Right leg: metal.
Ringed 14/7/02 Orfordness as a pullus.
Movements: Agadir (Morocco 30 26N 09 36W) 5-10/1/03 and Cley Marshes 1/7/04.

Left leg: **Red ring** with white code **SHV**.
Right leg: metal.
Ringed 14/7/02 Orfordness as a pullus.
Movements: Cley Marshes 1+8/6/03, 28/5/04 to 6/6/04 and 25/8/06.

Left leg: **Red ring** with white code **SHY**.
Right leg: metal.
Ringed 14/7/02 Orfordness as a pullus.
Movements: Cley Marshes 28/5/04

Left leg: **Red ring** with white code **SUN**
Right leg: metal.
Ringed 14/7/02 Orfordness as a pullus.
Movements: Saint Jouin (Seine Maritime, France 49.38N 00.09E), Le Louroux Beconnais (Maine-et-Loire, France 47.31N 00.55W), Sudbourne (Suffolk) 3/6/06 and Cley Marshes 27/7/06.

Left leg: **Red ring** with white code **TCS.**
Right leg: metal.
Ringed 12/7/03 Orfordness as a pullus.
Movements: Cley Marshes 18-25/6/04.

Left leg: **Red ring** with white code **TXL** (T not in fact seen but determined from age).
Right leg: metal.
Ringed 13/7/03 Orfordness as a pullus.
Movements: Cley Marshes 1/7/04.

Left leg: **Red ring** with white code **UYD**
Right leg: metal.
Ringed 18/7/04 Orfordness as a pullus.
Movements: Cley Marshes 6/5/05.

Left leg: **Red ring** with white code **YAP**
Right leg: metal.
Ringed 17/7/00 Orfordness as a pullus.
Movements: Cley Marshes 4/7/01.

Left leg: metal ring.
Right leg: **Red ring** with yellow code **195N.**
Metal ring no. EA639983
Ringed at Calais, France (50 58N 01 52E) 11/7/05 as a pullus.
Movements: Cley Marshes 12+26/7/06 and 19/8/06.

Left leg: ***White ring*** with red code **N+** on tibia.
Right leg: **Black ring** on tibia.
Metal ring no. 5464206 Arnhem
A female.
Ringed 8/7/00 in the port of Rotterdam, Netherlands (51 57N 04 03E) as a pullus.
Bird retrapped at Rotterdam 9/6/11 and fitted with the new set of colour-rings given above.
It had previously had the following set of colour rings.
Left leg: ***White ring*** with black letter **E** (ring lost)
Right leg: **Red ring** with yellow code **E311**.
Movements Cley Marshes 27/6/04 and 1/7/04, Rotterdam 11/4/08-13/6/08, 14/4/09-2/7/09, 29/3/10-20/5/10, 3/4/11-11/6/11, Huelva (Spain 37 12N 06 57 W) 25/1/12, Rotterdam 1/6/12-17/7/12 and 10/5/13-21/5/13, Cley Marshes 13/7/13.

Left leg: metal ring no. 5423454.
Right leg: ***White ring*** with black code **G.1** on tibia.
Ringed at Vlissingen-Oost (Van Cittshaven, Zeeland), Netherlands (51 26N 03 42E) 9/5/08 as an adult.
Movements: Vlissingen-Oost 14/5/08 and 2/5/10, Cley Marshes 24/8/10.

Left leg: ***white ring*** with code **N38**.
Right leg: no rings.
Ringed 6/7/91 in the port of Rotterdam, Netherlands (51 57N 04 03E) as a pullus.
Dates at Cley Marshes: 21/9/06.

Left leg: metal ring on tibia.
Right leg: ***white ring*** with black code **N504** on tarsus.
Ringed: was ringed in Spain but exact details were never received from the Spanish scheme coordinator. Birds with ring numbers N500-599 are said to have been ringed at landfill sites near Madrid or Badajoz in the period 1995-2005 (AVES colour-ringed birds web-site) so this bird could well have been a winter visitor from Northern Europe as opposed to one from a colony in Spain.
Dates at Cley Marshes: 28/5/04 to 6/6/04 when in its third calendar year.

Left leg: metal ring.

Right leg: yellow ring with black code **HAHPP**
Ringed 3/7/17 as a nestling at Odde on the Island of Amrum, NW Germany (54 42N 08 21E).
Movements: Cley Marshes 21/10/17.

metal ring no. Helgoland N111998.
yellow ring with black code **HA352**
Ringed 30/6/16 as a nestling at Föhr, Oldsumer, Vorland, Germany (54 45N 08 27E).
Movements: Malaga Fishing Port (Spain 36 42N 04 25W) 6/1/19 and Cley Marshes 31/10/20.

Left leg: metal ring no. Helgoland, N111572.
Right leg: yellow ring with black code **HECR2**
Ringed 4/7/15 as a nestling at Odde on the Island of Amrum, NW Germany (54 42N 08 21E).
Movements: Langford (Notts) 15/7/16, Malaga Fishing Port (Spain 36 42n 04 25W) 6/11/16 and Cley Marshes 27/7/18.

Left leg: metal ring no. Helgoland, N116292.
Right leg: yellow ring with black code **HEE86**
Ringed 5/7/14 as a nestling at Odde on the Island of Amrum, NW Germany (54 42N 08 21E).
Movements: the island of Langli (Esbjerg, Denmark 55 31N 08 19E) 30/4/17, Insel on the island of Fanoe (Denmark 55 25N 08 25E) 29/6/17, Odde 21/4/18 and Cley Marshes 26/7/18.

Left leg: metal ring no. Helgoland N117226
Right leg: yellow ring with black code **HEJ89**
Ringed 12/7/15 as a nestling on the Island of Trischen, Wadden Sea National Park, NW Germany (54 04N 08 40E).
Movements: Colmenar Viejo (Madrid, Spain 40 39N 03 43W) 5/12/15+6/2/16, Ciboure (Pyrenees, France 43 23N 01 39W) 5/11/16, Cley Marshes 14+26/7/17.

Left leg: metal ring no. Helgoland N032848
Right leg: yellow ring with black code **HN76A**
Ringed 5/7/17 as a nestling at Hauptinsel, Helgoland (Germany 54 11N 07 53E).
Movements: Cley Marshes 25/8/17.

Left leg: metal ring no. Helgoland N106642
Right leg: yellow ring with black code **HV801**
Ringed 1/7/13 as a nestling at Odde on the Island of Amrum, NW Germany (54 42N 08 21E).
Movements: Amrum 17/8/13, Penarronda (Asturias, Spain 43 20N 06 36W) 8/2/14, Tapia de Casariego (Asturias, Spain 43 32N 06 56W) 29/3/14, Vejers Strand (Ribe, Denmark 55 38N 08 07E) 22/7/16 + 20-21/8/16, Langli (Esbjerg, Denmark 55 31N 08 19E) 30/4/17 + 17/7/17, Blavand (Jutland, Denmark 55 33N 08 07E) 24/8/17 and Cley Marshes 4/9/17.

Left leg: yellow ring with black code **H17H.**
Right leg: metal ring no. Helgoland 4285121
Ringed 18/7/05 as a chick at Helgoland, Germany (54 11N 07 55E).
Movements: Cley Marshes 17/8/06.
Distance: 473km WSW.

Left leg: **yellow ring** with black code **H522.**
Right leg: metal ring no. Helgoland 4214359
Ringed 1/7/07 as a nestling near Norddorf on the Island of Amrum, NW Germany (54 40N 08 19E).
Movements: Cley Marshes 26/7/08, Le Tanchel (Vendee, France 46 29N 01 45E), Amrum 29/6/12, Cley Marshes 26-31/7/13, 13/8/14 and 6/8/15.
Distance: 514km WSW.

Yellow leg ring with code **LW**
Ringed as a pullus at Bath in a roof-nesting colony 6/7/2001.
Movements: Cley Marshes 14/7/02.

Left leg: **yellow ring** with code **1A4B.**
Right leg: metal ring no. FC44272
Ringed 12/2/13 as an adult at Milton landfill site (Cambs) 12/2/13.
Movements: Cley Marshes 3/9/13.
Distance: 99km NE.

Left leg: metal ring no Arnhem .5512944.
Right leg: **yellow ring** with black code **3 K** with **2 horizontal black bands** between these two characters that are rotated 90 degrees.
Ringed as a pullus 3/7/16 at Europoort (Zuid-Holland, the Netherlands 51 58N 04 05E).
Movements: Cley Marshes 11/8/17.

Code/combination incomplete or probably misread

Left leg: **Black ring** with code read as **IA07**.
Right leg: metal.
Ringed thought to be from S Norway (with the J misread as I but as JA07 is a Herring Gull another character was also misread).
Seen: Cley Marshes 28/6/10.

Left leg: **Black ring** with orange code **W8V?**.
Right leg: metal.
Ringed in NW England in 2002 as a juvenile.
Seen at Cley Marshes 12/5/04.
The ring should in fact have had a fourth character that was not seen so the individual bird concerned could not be determined.

Left leg: metal ring.
Right leg: **Red ring** with code **PL2T**.
Movements: Cley Marshes 25/7/12.

Birds with metal ring only

BTO metal ring no. **GC 52011**
Ringed as a nestling 16/6/07 at Terrington Marsh (Norfolk).
Recovered 14/5/10 when found dead on the beach at Cley.
Distance: 57km ENE.

Herring Gull

16 birds with coded coloured leg rings have been seen and traced. One was ringed in SW Norway, two in Germany, three in Yorkshire, one in Norfolk, four in Suffolk, two in Essex and the others came from RSPCA rehabilitation centres one in West Sussex and two at East Winch (Norfolk). One of the Suffolk birds has also been seen in Belgium. Two birds with standard metal rings, both ringed in the Netherlands, have been found. One was shot at Blakeney and the other was recovered on Blakeney Point.

Left leg: **blue ring** with white code **J07Y**.
Right leg: metal ring no. Stavanger FA24807
Ringed 5/7/03 Markoey, Vest-Agder, SW Norway (58 00N 06 59E) as a pullus.
Movements: Cley Marshes 9/4/05.

Left leg: **Orange ring** (looked red) with code **DH9T**
Right leg: Metal ring no. GN86669.
Ringed 31/10/09 at Pitsea Landfill Site (Essex).
Movements: Holland Haven (Essex) 17/1/10 and 1/2/10, Cley Marshes 28/6/10.

Left leg: **Orange ring** with black code **V6HT**.
Right leg: Metal ring GR75657.
Ringed as a second calendar year 5/10/13 at Pitsea Landfill Site (Essex).
Movements: Cley Maarshes 18/9/13, Walcott (Norfolk) 10+27/10/13.

Left leg: Metal ring.
Right leg: **Red ring** with white code **HST**.
Ringed 11/7/99 as a pullus at Orfordness (Suffolk).
Movements: Sheringham(Norfolk) 24/12/99, Orfordness 3/3/02 to 19/6/02 and Blakeney Point (on the beach near the sea-watching hide) 26/5/02.

Left leg: **Red ring** with white code **ZCV**.
Right leg: Metal ring.
Ringed 3/7/02 as a pullus Port of Felixstowe.
Movements: Pipp's Ford, Needham Market 26/11/02 to 6/2/03, Oostende, Belgium 20/2/03 to 25/8/03 and Cley Marshes 27/9/03.

Left leg: **Red ring** with white code **ZKJ**.
Right leg: Metal ring.
Ringed 18/7/02 as a chick (one of two) on the roof of the “River of Life” church near the Port of Felixstowe.
Movements: Cley Marshes 18/9/13.

Left leg: **Red ring** with yellow code **ZLU**.
Right leg: metal ring GA11319.
Ringed 14/7/16 as a pullus at Havergate Island, Orford (Suffolk).
Movements: Cley Marshes 31/12/16 + 3/1/17.

Left leg: ***White ring*** with code **A3MA**.
Right leg: metal ring no. GC23317.

Ringed A chick that fell down a chimney and was taken into care 31/5/06 by the RSPCA, Mallydams Wood Wildlife Centre, Fairlight, East Sussex. It was ringed by the Rye Bay Ringing Group 14/7/06 and released 15/7/06.
***Movements*:** Cley Marshes 3/8/09, Weybourne beach 19/9/09, 28/10/09 and 20/2/10, Cley Marshes 22/7/12.

Left leg: ***White ring*** with code **A6RM**.
Right leg: metal ring no. GC58477.
Ringed at East Winch RSPCA Wildlife Centre (Norfolk). A fourth calendar-year taken into care at Great Yarmouth with a leg injury. Released 10/7/09 near Blackborough (Kings Lynn).
Movements: Cley Marshes 8/8/09 and 3/10/09.

Left leg: metal ring no. GC58754.
Right leg: ***White ring*** with code **A6RT**.
Ringed at East Winch RSPCA Wildlife Centre (Norfolk). A juvenile taken into care in the Cley area after swallowing fishing tackle. Released 12/11/09 near Blackborough (Kings Lynn).
Movements: Cley Marshes 1/8/11 and 6/8/12.

Left leg: metal ring no. Helgoland, N107737.
Right leg: **yellow ring** with black code **HE76.**
Ringed 7/7/14 as an unfledged youngster at Dune on the Island of Helgoland (Germany 54 11N 07 55E).
Movements: St. Peter-Ording (Nordfriesland, Germany 54 19N 08 36E) 13-14/10/14, Cley 24/11/14 then Salthouse 29/11/14-14/6/15 also visiting Cley Marshes on 13/4/15.

Left leg: **yellow ring** with black code **Y:J85**
Right leg: metal ring no.GV58800.
Ringed as a bird in its 1cy 28/7/17 at Harewood Whin landfill, Rufforth west of York.
Movements: Cley Marshes 8/11/17.

Left leg: **yellow ring** with black code **Y:085**
Right leg: metal ring no.GV31765.
Ringed as a bird in its 1cy 26/10/15 at Harewood Whin landfill, Rufforth west of York.
Movements: Cley Marshes 16/11/17.

Left leg: **yellow ring** with black code **Y:617**
Right leg: metal ring no.GV10790.
Ringed as a bird in its 3cy 20/5/16 at Harewood Whin landfill, Rufforth west of York.
Movements: Buxton with Lamas (Norfolk) 27/2/17, West Runton (Norfolk) 14/3/17, Cley Marshes 27/7/17+23/8/17.

Left leg: **yellow ring** with black code **2N3B**.
Right leg: Metal ring no GF57126.
Ringed as a second year 19/3/11 at Blackborough Tip (Norfolk).
Movements: Walcott (Norfolk) 24/4/11, Cley Marshes 2/5/11 and Walcott again on five further dates 20/5/11 – 20/10/11.

Code read incorrectly

Left leg: **yellow ring** with black code read as **T:185**
Right leg: metal ring.
Aged as a 4cy immature.
Seen Cley Marshes 21/1/19.
The bird with this code was ringed in 2011 in NE Scotland as an adult and the individual with the very similar-looking code **T:18S** was also ringed as an adult.

Untraced birds

Left leg: Metal ring.
Right leg: **Red ring** with code read as **OD81**
Seen Cley Marshes 28/6/10

Right leg: ***White ring*** with geolocator attached.
Seen Cley Marshes 29/9/17

Birds with metal ring only

Standard metal ring
Ringed as a nestling 22/7/28 at Bergen (Netherlands).
Shot 5/9/28 at Blakeney.

Standard metal ring
Ringed 11/7/84 on the island of Texel (Netherlands).
Recovered 9/9/85 on Blakeney Point (presumably found dead).

Yellow-legged Gull form *michahellis*

Two individuals fitted with coded coloured leg rings have been recorded. One was ringed as a chick in the Camarue (France). Another bird also with a White ring but where the code on the ring could not be read may have come from the same area. A bird in third winter plumage had a Yellow leg ring and had been ringed as a nestling in Germany.

Left leg: metal ring no. EA599908 (Paris).
Right leg: ***White ring*** with black code **740X**.
Ringed as a chick 24/5/02 in the Camargue, Bouches-du-Rhone (France 43 29N 04 27E).
Movements: Bouches-du-Rhone (43 36N 04 52E) 29/4/03, Cambridge 13/5/03 and Cley Marshes 15/6/03.

metal ring no. Helgoland N107312
yellow ring with black code **HE311**
Ringed 21/6/18 as a nestling at Echzell, Wetteraukreis, Heesen, Germany (50 23N 08 52E).
Movements: Groß-Gerau (Hessen, Germany 49 53 N 8 22 E) 3/5/20 and Cley Marshes 2/11/20.

Untraced birds

Left leg: metal.
Right leg: ***White ring*** with black code.
Ringed probably the French Mediterranean.

Seen: Blakeney Point autumn 2002 in its second calendar year.

Caspian Gull

Nine birds with coded leg rings have been seen. All were identified in the field as Caspian Gulls with six coming from Poland and three from the Netherlands. One of the Polish birds came from a mixed colony of Herring (*argentatus*) and Caspian (*cachinnans*) Gulls and the ringer did not know if its parents were pure *cachinnans*. Three other Polish individuals came from a colony further south on the Czech border said to be just Caspian Gulls.

Information on Dutch-ringed Caspian Gulls can be found at
Larus cachinnans (gull-research.org)
Data on those ringed in 2021 will be be added at end of year. Sightings can be sent by e-mail to rjbuijs@buijsecoconsult.nl

Left leg: metal ring no 5.556.759
Right leg: **blue ring** with white code **D *bar* 3** on tibia (letter and number separated by vertical line).
Ringed as a pullus 20/5/21 at the Ijsselmeer (De Kreupel), N Holland, Netherlands (52.8N 05.2E).
Movements: Cley Marshes 23/7/21.

Left leg: metal ring no. Gdansk DN20646
Right leg: **Green ring** with code **14PO**.
Ringed 1/6/07 as a chick at Przykona Reservoir, Radyczyny, Turek, Poland (52 00N 18 39E).
Movements: Cley Marshes 30/7/08 and 1/8/08 then Pitsea Tip (Essex) 7/2/09.

Left leg: metal ring Arnhem no .5559429.
Right leg: **red** ring with white code **F.E**
Ringed as a pullus 28/5/21 at Lelystad (Bataviahaven), Flevoland, Netherlands (52 30N 05 25E).
Movements: Cromer (Norfolk) 24/8/21-4/9/21 then Cley Marshes 26/9/21.

Left leg: metal ring no.5556731.
Right leg: **red** ring with white code **K.Z**
Ringed as a pullus 14/5/21 at the Ijsselmeer (De Kreupel), N Holland, Netherlands (52 47N 05 13E).
Movements: Cley Marshes 27/9/21, 23+24/10/21.

Left leg: metal ring no DN18798.
Right leg: **yellow ring** with code **PEBB**.
Ringed 21/4/11 as an adult ("after it's third calendar year") female at a reservoir north of Kozielno, Paczkow, Opolskie, S Poland (50 29N 16 58E).
Movements: Milton Tip (Cambs) 28/11/11, Zalew Witoszowka (Swidnica, Dolnoslaskie, Poland) 13/03/13 and 13-14/02/14, Kozielno 29/4/13, Cley Marshes 2-3/8/14 and Cottenham Long Drove (Cambs) 25/11/14.

Left leg: metal ring no DN27681.
Right leg: **yellow ring** with code **PKCS**.

Ringed 26/5/11 as a pullus at a reservoir north of Kozielno, Paczkow, Opolskie, S Poland (50 29N 16 58E).
Movements: Cley Marshes 3/7/12, Groningen (Netherlands) 13/4/13 and Amble Harbour (Northumberland) 27/7/13.

Left leg: metal ring.
Right leg: **yellow ring** with code **PNEL**.
Ringed 24/5/13 as a nestling at a reservoir north of Kozielno, Paczkow, Opolskie, S Poland (50 29N 16 59E).
Movements: Cley Marshes 21/10/13-9/11/13, Rainham Marshes (Essex) 17/1/14 and Dartford (Kent) 26/1/14.

Left leg: metal ring no DN36471.
Right leg: **yellow ring** with code **P:S71**.
Ringed 18/6/18 as a pullus at Lake Mietkowski, Domanice, Mietkow, SW Poland.
Movements: remained in the Mietkow area to 17/7/18, then seen Cley Marshes 8-19/8/18 and also visiting Cromer 10-17/8/18.

Left leg: metal ring no DN36351.
Right leg: **yellow ring** with code **P:T52**.
Ringed 1/6/18 as a pullus at Lake Mietkowski, Domanice, Mietkow, SW Poland.
Movements: remained in the Mietkow area to 14/7/18, then seen Cley Marshes 17/8/18.

Caspian Gull or Caspian Gull X Herring Gull hybrid

Four birds with coded leg rings have been seen. All were ringed as Caspian Gulls in East Germany, three of them at the same inland mixed colony of Caspian and Herring Gulls where there are said to be many hybrids, two on the same date.

Left tarsus: **yellow ring** with code **XNLL**.
Right tibia: metal ring no. EA-222581.
Ringed 9/6/20 as a nestling at Grabendorfer See, Brandenburg, E Germany (51.42N 14.06E). This bird comes from an inland mixed colony of Caspian and Herring Gulls in E Germany where there are said to be many hybrids. It is not known how high the likelihood is of these nestlings being pure Caspian Gulls as opposed to hybrids.
Movements: Katwijk aan Zee (Zuid-Holland, the Netherlands 52.13N 04.24E) 17/8/20, Kings Lynn 26/9/20 and Cley Marshes 1/11/20.
Distance: 868km W.

Left leg: metal ring no. EA-204053.
Right leg: **yellow ring** with code **X053**.
Ringed 6/6/16 as a nestling at Grabendorfer See, Brandenburg, E Germany (51.42N 14.06E). This bird comes from an inland mixed colony of Caspian and Herring Gulls in E Germany where there are said to be many hybrids. It is not known how high the likelihood is of these nestlings being pure Caspian Gulls as opposed to hybrids.
Movements: Sheringham (Norfolk) 25/11/16, Westerslag (Island of Texel, the Netherlands 53 04N 04 43E) 4/3/17 and Cley Marshes 4/11/17.
Thought by the observer Mark Golley to be a hybrid.
Distance: 868km W.

Left leg: **yellow ring** with black code **X071**
Right leg: metal ring no. EA-204071.
Ringed 6/6/16 as a nestling at Grabendorfer See, Brandenburg, E Germany (51.42N 14.06E). This bird comes from an inland mixed colony of Caspian and Herring Gulls in E Germany where there are said to be many hybrids. It is not known how high the likelihood is of these nestlings being pure Caspian Gulls as opposed to hybrids.
Movements: Gozon (Asturias, Spain 43 37N 05 48W) 27/12/17 and Cley Marshes 4/8/18.
Distance: 868km W.

Left leg: **yellow ring** with code **X38C**.
Right leg: metal ring no. EA-222838
Ringed 1/6/19 as an unfledged Caspian Gull at Laubig, Sachsen, E Germany (51.34N 12.38E).
Movements: Cley Marshes 16/1/20.
Distance: 805km W.
The observer Jason Moss thought that this individual was "a bit on the bulky side, with a rather heavy bill" and suspected that it might have been a hybrid.

Great Black-backed Gull

55 birds with coded colour leg rings have been seen and traced. All but five were ringed as a pullus in Norway. Four of the other birds were ringed in Denmark (as a pullus) and one in Lincs (as a second calendar). Six birds have been seen in Denmark, two in Germany, 10 in the Netherlands/Belgium and nine in France. Just four were full adults when seen at Cley, one of these was 25 years old. Six were seen in their first calendar year, 37 (67%) in their second, 15 (27%) in their third and seven in their fourth calendar years. Birds do not normally return to the Norwegian colonies where they were raised until they become adults. 20 of these birds have now been seen back in Norway after reaching adulthood.

Left leg: **black ring** with white code **JA014**.
Right leg: metal ring no. Stavanger 3022664.
Ringed 26/6/08 as a pullus near Mandal, Vest Agder, SW Norway (58 00N 07 21E).
Movements: Cley Marshes 8/6/09* and 11/6/10.
Distance: 687km SW
* read as JA04 but the 1 very hard to make out when seen (and photographed) in 2010.

Left leg: **black ring** with white code **JA426**.
Right leg: metal ring no. Stavanger 3009376.
Ringed 5/7/08 as a pullus near Mandal, Vest Agder, SW Norway (57 59N 07 39E).
Movements: Cley Marshes 21/6/09 +1/7/09 (probably also 8/6/09 when part of this code read), Orfordness (Suffolk) 20/2/11 + 1/4/12, Mandal 10+14/6/12, Aldeby (Norfolk) 15/10/12-9/2/13, Mandal 2/5/13-2/8/13+29-30/4/14, Lowestoft (Suffolk) 10/10/14, Mandal 11/6/15-31/7/15, 12/3/16-16/7/16 and 7/4/17-3/8/17.

Left leg: **black ring** with white code **JA713**.
Right leg: metal ring no. Stavanger 3020409.
Ringed 25/6/09 as a pullus Ryvingen, Karmoey, Rogaland, SW Norway (59 16N 05 09E).
Movements: Cley Marshes 23/9/09
Distance: 746km S.

Left leg: **black ring** with white code **JC396**.
Right leg: metal ring no. Stavanger 3049546.
Ringed 8/7/16 as a pullus on Hummerholmen (Lobster Islet), Lindesnes, Vest Agder, SW Norway (58 01N 07 16E).
Movements: Hummerholmen 22/7/16, Mandal (Norway 58 01N 07 31E) 2/9/16, Cley Marshes 7/6/17 and East Runton 22/3/18.
Distance: 685km SW

Left leg: metal ring no. Stavanger 3050199.
Right leg: **black ring** with white code **JC499**.
Ringed 25/6/16 as a pullus at Kalvøysund, Arendal, Aust-Agder, Norway (58 32N 08 59E).
Movements: Blakeney Point 4/12/16.
Distance: 795km SW.

Left leg: **black ring** with white code **JC947**.
Right leg: metal ring no. Stavanger 3048707.
Ringed 5/7/17 as a pullus at Stokken, Hoevaag, Lillesand, Aust- Agder, SW Norway (58 08N 08 16E).
Movements: Cley Marshes 5/9/17, Hems saint Pol (Gravellines, France 51 00N 02 08E) 16+20/9/17.
Distance: 734km SW

Left leg: **black ring** with white code **JE049**.
Right leg: metal ring no. Copenhagen 3081349.
Ringed 19/6/10 Måge**ø**erne (Gull Islands), Bogense, S Denmark (55 35N 10 06E).
Movements: Bagenkop Harbour (Sydlangeland, S Denmark 54 45N 10 40E) 8/1/12, Kappeln Hafen (Schleswig-Holstein, Germany 54 40N 09 56E) 20/1/12 and Cley Marshes 13/2/18.
***Distance*:** 658km SW.

Left leg: **black ring** with white code **JE509**.
Right leg: metal ring no. Stavanger 3024609.
Ringed 21/6/09 as a pullus near Mandal, Vest Agder, SW Norway (58 01N 07 20E).
Movements: Cley Marshes 1+23/3/10, Gibraltar Point (Lincs) 18/5/11, Hirtshals Harbour (N Denmark 57 36N 09 58E) 20/5/13.
***Distance*:** 687km SW

Left leg: metal ring no.378176 Stavanger .
Right leg: **black ring** with white code **JE566**.
A male.
Ringed first trapped as a pullus 20/6/95 at Forestad, Skjernøy, Mandal (Vest-Agder, Norway 57°59'07"N 007°31'57"E).
Re-trapped and the colour-ring added 8/8/09 at Brennevinsmyra (Brandy Marsh), Mandal (Vest-Agder, Norway 58°01'04"N 007°30'33"E).
Movements: after the colour-ring was fitted seen in the Mandal area to 16/8/09 then returning to breed each year with sightings 28/4/10 to 17/8/10, 10/5/11, 23/2/12 to 4/7/12, 7/5/13 to 13/6/13, 12/4/14 to 24/6/14, 10/5/15 to 10/8/15, 8/4/16 to 31/7/16, 27/4/17 to 9/8/17, 25/4/18 to 14/8/18 and 23/4/19 to 12/7/19. Cley Marshes 10-22/2/20.
Distance: 692km SW.

Left leg: **black ring** with white code **JH646**.
Right leg: metal ring no. Stavanger 30222182.
Ringed 20/6/12 as a pullus at Oestre Maageholmen (East Gull Islet), Kristiansand, Vest Agder, SW Norway (58 05N 08 05E).
Recovered: found freshly dead on Blakeney Point 5/4/14.
Distance: 725km SW.

Left leg: **black ring** with white code **JJ12**.
Right leg: metal ring no. Stavanger 391477.
Ringed 25/6/06 as a pullus near Mandal, Vest Agder, SW Norway (57 58N 07 33E).
Movements: Cley Marshes 6/7/08, Pitsea landfill site (Essex) 31/10/09 and then back where it was raised at Mandal 30/4/10, 2/6/12-2/7/12 and 2/5/13+16/6/13, 12-22/4/14, 9/5/15-31/7/15, 3/5/16-2/9/16 and 8/3/17-9/8/17, Texel (The Netherlands 53 08N 04 48E) 23/8/17, Mandal 3/5/18-18/8/18, 24/3/19-23/7/19, 5-24/5/20 and 6-24/8/21

Left leg: **black ring** with white code **JJ94**.
Right leg: metal ring no. Stavanger 3005544.
Ringed 28/6/06 as a pullus near Mandal, Vest Agder, SW Norway (57 59N 07 36E).
Movements: Cley Marshes 4+11+21/5/07, back where it was raised at Mandal 30/4/10, Cley again 29/7/11, Pas-de-Calais (France 50 43N 01 34E) 29/8/11, Mandal 18/8/12, 2/5/13,17/4/14+1/8/14, 6/5/15-16/7/15, 28/7/16+9/8/17, 6/4/17-16/8/17, 23/4/18-12/8/18, 20/3/19-6/8/19 and 4/4/20-31/5/20.

Left leg: metal ring no. Stavanger 3024093.
Right leg: **black ring** with white code **JJ049**.
Ringed 26/6/13 as a pullus Gjerslingane, Tysnes, Hordaland, Norway (60 03N 05 31E).
Movements: seen again at Gjerslingane 30/6/13 then Cley Marshes 9/7/14 + 22/9/18 and Cromer (Norfolk) 15/12/18 + 15/2/20.
Distance: 836km S.

Left leg: metal ring no. Stavanger 3033002.
Right leg: **black ring** with white code **JJ590**.
Ringed 9/7/18 as a pullus Hamnaholmen, Sandsøya, Sande, Møre og Romsdal, Norway (62 14N 05 28E).
Movements: Cromer (Norfolk) 18/6/19+22/7/19, Cley Marshes 11/7/19, 30/10/19, 14+16/3/20 and 1/12/20 then Farsund (Vest Agder, SW Norway 58 05N 06 49E) 6/6/21.
Distance: 1065km SSW.

Left leg: **black ring** with white code **JK46**.
Right leg: metal ring no. Stavanger 3005596.
Ringed 29/6/05 as a pullus at Lindesnes, Vest Agder, SW Norway (58.00N 07.06E).
Movements: Cley Marshes 2/9/06.

Left leg: metal ring no. Stavanger 3080599.
Right leg: **black ring** with white code **JK899**.
Ringed 3/7/18 as a pullus Bonden Varde, Arendal, Aust-Agde, Norway (58 31N 08 59E).
Movements: Aldeburgh(Suffolk) 10/1/19, Blakeney Point 12/3/19, Dungeness (Kent) 23/11/19, Cley Marshes 29/2/20, Minsmere (Suffolk) 21/3/20 and Great Wakering (Essex) 5/2/21.

Distance: 794km SW.

Left leg: **black ring** with white code **JL20**.
Right leg: metal ring no. Stavanger 3005870.
Ringed 1/7/06 as a pullus at Lindesnes, Vest Agder, SW Norway (58.02N 07.18E).
Movements: Cley Marshes 9/5/07

Left leg: **black ring** with white code **JL62**.
Right leg: metal ring no. Stavanger 3006412.
Ringed 28/6/06 as a pullus at Mandal, Vest Agder, SW Norway (57 58N 07 34E).
Movements: Cley Marshes 28/4/07, 10/5/07, 23+27/6/08, 11/7/08, 1/7/09 and 30/7/10.

Left leg: **black ring** with white code **JL87**.
Right leg: metal ring no. Stavanger 3006437.
Ringed 28/6/06 as a pullus at Mandal, Vest Agder, SW Norway (58 00N 07 39E).
Movements: Cley Marshes 15+20/5/07, Neeltje Jans (Zeeland, Netherlands 51 37N 01 05E) 6/12/07, back at Mandal where it was raised 17/7/09, 30/4/10, 27/5/10, 11/7/10 and 19/8/11, then at Pitsea Landfill (Essex) 26/11/11 before being seen at Mandal again 30/7/12-11/8/12, 29/7/13+6/8/13 and 24/6/14-2/8/14.

Left leg: **black ring** with white code **JP257**.
Right leg: metal ring no. Stavanger 3031707.
Ringed 6/7/11 as a pullus near Lindesnes, Vest Agder, SW Norway (58 02N 07 09E).
Movements: Hirtshals (N Jutland, Denmark 57 36N 09 57E) 9/10/11, Lindesnes 22/10/11, Ijmuiden,(S Holland, Netherlands 52 28N 07 09E) 31/3/12, Cley Marshes 26/7/12, Lindesnes 11/5/14+1/7/15+28/3/16, Ijmuiden 22/9/17, Binnenwatering (Zuid-Holland, The Netherlands 52 13N 04 24E) 6/10/17, Oostende (West-Vlaanderen, Belgium 51 13N 02 56E) 17/10/17, Boulogne-sur-Mer (France 50 44N 01 34E) 8/11/17 + 25/11/19, Mandal (Vest Agder, SW Norway 58 00N 07 39E) 30/4/19-16/5/19, Lindesnes 15/6/20, Hirtshals 23/8/20, Lindesnes 29/5/21 and Mandal 9/8/21.
***Distance*:** 683km SW.

Left leg: **black ring** with white code **JP258**.
Right leg: metal ring no. Stavanger 3031708.
Ringed 6/7/11 as a pullus near Lindesnes, Vest Agder, SW Norway (58 02N 07 09E)
Movements: Blakeney 2/2/14 and Lindesnes 1/7/15.
***Distance*:** 685km SW.

Left leg: **black ring** with white code **JP577**.
Right leg: metal ring no. Stavanger 3034877.
Ringed 4/7/12 as a pullus near Mandal, Vest Agder, SW Norway (58 00N 07 22E).
Movements: Cley Marshes 9/10/12, Westkapelle (Netherlands 52 14N 04 25E) 16/10/12, Boulogne-sur-Mer (France) 15/3/13, Noordwijk aan Zee (Netherlands 52 14N 04 25E) 22/6/13, Goedereede (Zuid-Holland, The Netherlands 51 50N 03 59E) 8/11/13+1/10/14, Ouddorp (Zuid-Holland, The Netherlands 51 50N 03 55E) 2/11/14, Mandal 31/7/16+16/4/18, Lindesnes (Vest Agder, SW Norway 58 02N 07 09E) 19/4/18, Mandal 19/4/18-28/6/18, Ouddorp Beach (Zuid-Holland, The Netherlands 51 50N 03 56E) 11+18/1/19, Mandal 7-14/5/19, Ouddorp Beach 7/3/20, Mandal 9/4/20+23/5/20, 14/3/21+19/6/21.
***Distance*:** 687km SW.

Left leg: **black ring** with white code **JP648**.
Right leg: metal ring no. Stavanger 3039048.
Ringed 5/7/12 as a pullus near Lindesnes, Vest Agder, SW Norway (57 59N 07 12E).
Movements: Cley Marshes 22/9/12.
***Distance*:** 681km SW.

Left leg: **black ring** with white code **JP772**.
Right leg: metal ring no. Stavanger 3034722.
Ringed 5/7/12 as a pullus near Lindesnes, Vest Agder, SW Norway (58 02N 07 18E).
Movements: Orfordness (Suffolk) 3/3/13, Cley Marshes 31/3/13, Minsmere (Suffolk) 30/3/14 and 20/11/20.
***Distance*:** 687km SW.

Left leg: **black ring** with white code read as possibly **JR670**.
Right leg: metal ring no. Stavanger 3080170.
Ringed 23/6/20 as a pullus at Merra, Lindesnes, Vest Agder, SW Norway (58 02N 07 15E).
Movements: Cley Marshes 4/11/20.
Distance: 687km SW

Left leg: metal ring no. Stavanger 3048399.
Right leg: **black ring** with white code **JT831**.
Ringed 23/6/15 as a pullus Svartaskjeret, Stavanger, Rogaland, Norway (59 00N 05 46E).
Movements: Castricum aan Zee (Noord-Holland, The Netherlands 52 59N 04 36E) 4/11/15, Blakeney Point 19/8/16 then found dead on Blakeney Point 15/8/18.
Distance: 733km SSW.

Left leg: **black ring** with white code **JU042**.
Right leg: metal ring no. Stavanger 3049442.
Ringed 26/6/15 as a pullus Mandal, Vest Agder, SW Norway (57 59N 07 34E).
Movements: Boulogne-sur-Mer/Pas-de Calais (France 50 44N 01 35E) 15/12/15-22/3/16 and 29/12/16-1/3/17, Cley Marshes 4/7/17- 3/9/17, Boulogne-sur-Mer/Pas-de Calais 9/1/18, 5/1/19, 4/2/19, 27/12/19+1/1/20, Krageroe (Telemark, Norway 58 52N 09 25E) 29/5/20, Lowestoft (Suffolk) 14/11/20, Boulogne-sur-Mer/Pas-de Calais 16/1/21, Cley Marshes 19/10/21, Felixstowe Ferry (Suffolk) 10/11/21, Minsmere RSPB, Suffolk 13/11/21 and Pas-de-Calais (France 50 43N 01 34E) 12/12/21.

Left leg: **black ring** with white code **JU090**.
Right leg: metal ring no. Stavanger 3049964.
Ringed 23/6/16 as a pullus at Risøy, Mandal, Vest Agder, SW Norway (58 00N 07 26E).
Movements: Blakeney Point 20/1/19.
Distance: 691km SW.

Left leg: **black ring** with white code **JU519**.
Right leg: metal ring no. Stavanger 3020771.
Ringed 13/7/15 as a pullus near Karmoey, Rogaland, Norway (59 09N 05 10E).
Movements: Dungeness (Kent) 6/1/16, Boulogne-sur-Mer (France 50 43N 01 34E) 26/2/17+5/3/17, Zeebrugge (Belgium 51 20N 03 10E) 14/4/17, Cley Marshes 22/7/17 and Boulogne-sur-Mer 9/8/18.

Left leg: metal ring no. Copenhagen 3095403.

Right leg: **black ring** with white code **JW796**.
Ringed 30/6/11 as a pullus Knogen, the island of Laesoe, N Jutland, Denmark (57 17N 11 10E).
Movements: Cley Marshes 7/6/12 then found dead on Blakeney Point 19/8/14 showing signs of botulism.
Distance: 805km WSW.

Left leg: metal ring no. Stavanger 349160.
Right leg: **black ring** with white code **JX118**.
Ringed 29/6/18 as a pullus Hornøya, Vardø, Finnmark, NE Norway (70 23N 31 09E).
Movements: Sheringham (Norfolk) 25/2/19, Cley Marshes 15-16/3/19.
Distance: 2456kmWSW.

Left leg: metal ring no.3099711(Copenhagen).
Right leg: **black ring** with white code **JZL61**.
Ringed as a first calendar year 8/7/18 at Kovsholm, Hirsholmene, Frederikshavn, Nordjylland (Denmark 57 30N 10 36E).
Movements: Hirtshals harbour, Nordjylland, Denmark (57 35N 09 59E) 2/10/18+29/6/19 then Cley Marshes 26/12/19.
Distance:787km SW.

Left leg: metal ring no.3099808(Copenhagen).
Right leg: **black ring** with white code (stained yellow) **JZP08**.
Ringed as a first calendar year 8/7/18 at Kovsholm, Hirsholmene, Frederikshavn, Nordjylland (Denmark 57 30N 10 36E).
Movements: Hirtshals harbour (Nordjylland, Denmark 57 35N 09 59E) 14+26/8/19, Cley Marshes 5+20/12/19, Havergate Island (Suffolk) 23/1/20 and Hirtshals 6/5/20.
Distance:787km SW.

Left leg: metal ring no. Stavanger 3080738.
Right leg: **black ring** with white code **J38AC**.
Ringed 26/6/19 as a pullus Sandeskjæra, Arendal, Aust-Agder, Norway (58 32N 08 56E).
Movements: Cley Marshes 27-28/2/20 and Texel (Netherlands 53 08N 04 48E) 31/8/21.
Distance: 791km SW.

Left leg: **blue ring** with white code **JA5L.**
Right leg: metal ring no. Stavanger 3006315.
Ringed 17/6/06 as a pullus at Mandal, Vest Agder, SW Norway (57.59N 07.27E).
Movements: Cley Marshes 1/10/06 amd 23+25/5/07, Hempstead (Norfolk) 5/10/11.

Left leg: **blue ring** with white code **JC1S**.
Right leg: metal ring no. Stavanger 3005621.
Ringed 21/6/04 as a pullus at Mandal, Vest Agder, SW Norway (58 01N 07 27E).
Movements: Cley Marshes 16-19/6/06, 9/7/06, 31/7/06, 14/8/06 and 3/9/06 then at a breeding colony at Mandal (58 01N 07 31E) 23/4/09 to 6/8/09, 30/4/10 to 24/7/10, 23/5/11 to 21/7/11, 20/5/12 to 9/8/12, 5/05/13 to 6/8/13.

Left leg: **blue ring** with white code **JE16**.
Right leg: metal ring no. Stavanger 3006766.
Ringed 22/6/05 as a pullus at Farsund, Vest Agder, SW Norway (58 02N 06 54E).

Movements: Cley Marshes 29/4/06, Lindesnes, Vest Agder, SW Norway (58 02N 07 18E) 29/4/09 and Mandal, Vest Agder, SW Norway (58 01N 07 20-31E) 19/5/09 to 8/8/09, 8/5/10 to 20/8/10, 22/4/11, 30/4/12 to 11/8/12, 6/5/13 to 25/7/13, 18/4/14 to 5/8/14 and 15/6/15 to13/7/15.

Left leg: **blue ring** with white code **JE61**.
Right leg: metal ring no. Stavanger 3006811.
Ringed 5/7/05 as a pullus at Lyngdal, Vest Agder, SW Norway(58 00N 07 01E).
Movements: Dungeness 28/11/05, Minsmere 8-17/4/06 and 25/5/06, Cley Marshes 7+10/7/06, Minsmere 3+6/4/07, Cley Marshes 2+6/5/07 and Minsmere 2/3/08.

Left leg: **blue ring** with white code **JH4H**.
Right leg: metal ring no. Stavanger 3006534.
Ringed 3/7/04 as a pullus at Farsund, Vest Agder, SW Norway (58 05N 06 51E).
Movements: Cley Marshes 25/7/05 and 17/06/06-11/7/06, back at Farsund 24/3/08, then Lyngdal (Vest Agder 58 02N 06 58E) 6/5/10, Farsund again 29/5/11 and 28/6/12.

Left leg: **blue ring** with white code **JH4P**.
Right leg: metal ring no. Stavanger 3006674.
Ringed 6/7/05 as a pullus at Lyngdal, Vest Agder, SW Norway (58 00N 07 01E).
Movements: Cley Marshes 13/4/06, 19/6/06, 6+22/7/06.

Left leg: **blue ring** with white code **JH5U**.
Right leg: metal ring no. Stavanger 3006695.
Ringed 17/6/06 as a pullus at Farsund, Vest Agder, SW Norway (58 02N 06 54E).
Movements: Cley Marshes 3+23/5/07, the island of Texel (Netherlands) 15/9/10, 4+23/10/10, Lindesnes (SW Norway 58 03N 07 17E) 31/5/12, Mandal (SW Norway 58 00N 07 26E) 4+21/5/13, Texel 10-11/8/13 and 31/8/14.

Left leg: **blue ring** with white code **JH7Y**.
Right leg: metal ring no. Stavanger 3006873.
Ringed 17/6/06 as a chick at Lyngdal, Vest Agder, SW Norway (58 01N 07 00E).
Movements: Cley Marshes 9+21/5/07, Oostende, Belgium (51 14N 02 56E) 23/10/10, Boulogne (France 50 44 01 35E) 29/10/12+19/11/12 then photographed at Mandal 25/4/19 after the colour-ring had been lost.

Left leg: **blue ring** with white code **JL1K**.
Right leg: metal ring no. Stavanger 3006161.
Ringed 2/7/05 as a pullus at Mandal, Vest Agder, SW Norway (58 01N 07 28E).
Movements: Aldeby Tip (Norfolk) 1/11/05 to 14/3/06, Cley Marshes 22/5/06 and 18/6/06, then at a breeding colony at Mandal 3/6/10.

Left leg: **blue ring** with white code **JL1U**.
Right leg: metal ring no. Stavanger 3006241.
Ringed 8/7/05 as a pullus at Mandal, Vest Agder, SW Norway (57 58N 07 30E).
Movements: Aldeby Tip (Norfolk) 17/1/06, Cley Marshes 19-21/6/06 then back in the area where it was raised at Mandal 21/4/09, 28/4/10, 12-19/8/10, 23/5/11 to 5/7/11, 31/5/12 to 25/7/12, 3/5/13 to 29/7/13 and 12/4/14 to 25/4/14.

Left leg: **blue ring** with white code **JL3L**.

Right leg: metal ring no. Stavanger 3006153.
Ringed 2/7/05 as a pullus at Mandal, Vest Agder, SW Norway (58 00N 07 25E).
Movements: Aldeby Tip (Norfolk) 17/1/06 to 12/3/06, Cley Marshes 22/5/06.

Left leg: **blue ring** with white code **JU7Y**.
Right leg: metal ring no. Stavanger 3006117.
A female.
Ringed 25/6/04 as a chick at Mandal, Vest Agder, SW Norway (58 04N 06 53E).
Movements: Wilby (Norfolk) 5+8/2/05, Cley Marshes 30/4/05, 16-25/6/06 and 27/8/06, Farsund (Vest Agder, SW Norway 58 04N 06 50E) 14/5/09, 5/6/09, 6/5/10 and 28/6/12.

Left leg: **blue ring** with white code **JZ0L**.
Right leg: metal ring no. Stavanger 367820.
Ringed 27/6/04 as a pullus at Farsund, Vest Agder, SW Norway (58 04N 06 53E).
Movements: Cley Marshes 11/3/05, East Runton 28/3/05 and Cley Marshes again 7/5/05 and 13/4/06.

Left leg: **blue ring** with white code **JZ1T**.
Right leg: metal ring no. Stavanger 367881.
Ringed 28/6/04 as a chick at Lyngdal, Vest Agder, SW Norway (58 02N 06 57E).
Movements: Cley Marshes 30/4/05 to 14/5/05.

Left leg: **blue ring** with white code **JZ2N**.
Right leg: metal ring no. Stavanger 367832.
Ringed 27/6/04 as a pullus at Farsund, Vest Agder, SW Norway (58 00N 07 01E).
Movements: Cley Marshes 7/5/05 and 19/6/06 then at a breeding colony Mandal, Vest Agder, SW Norway (57 58N 07 30E) 21/4/09.

Left leg: **blue ring** with yellowy code **JZ85**.
Ringed as a chick at Vest Agder, Southern Norway 6/01
Movements: Boulogne 9/01, Cley Marshes 21/8/02.

Left leg: **blue ring** with white code **J2UN**.
Right leg: metal ring no. Stavanger 389612
Ringed 7/7/06 as a pullus at Mandal, Vest Agder, SW Norway (58 00N 07 35E).
Movements: Cley Marshes 18/4/07.

Left leg: **blue ring** with white code **J7T0**.
Right leg: metal ring no. Stavanger 389820
Ringed 22/6/02 as a pullus at Mandal, Vest Agder, SW Norway (57 59N 07 22E).
Movements: Cley Marshes 25/7/05

Left leg: **blue ring** with white code **J20C**.
Right leg: metal ring.
Ringed 6/7/02 as a chick at Lyngdal, Vest Agder, SW Norway (58 02N 06 57E).
Movements: Cley Marshes 2/6/04.

Left leg: **blue ring** with white code **J65C**.
Right leg: metal ring no. Stavanger 367915.
Ringed 21/6/03 as a chick at Farsund, Vest Agder, SW Norway (58 03N 06 54E).

Movements: Hanstholm Harbour (Jutland, W Denmark 57 08N 08 36E) 12/8/03, Cley Marshes 28/5/04 to 3/7/04, Dunkerque, France (51 03N 02 22E) 2/10/05, Cley Marshes 31/7/06 + 14/8/06, Farsund 24/6/08 + 21/8/08, Cley Marshes 3/10/09, Farsund 6/5/10 and 15/5/13.

Left leg: **blue ring** with white code **J67N**.
Right leg: metal ring no. Stavanger 372537.
Ringed 25/6/03 as a pullus at Mandal, Vest Agder, SW Norway (58 00N 07 31E).
Movements: Helgoland (Germany 54 11N 07 55E) 9/10/03, IJmuiden (Netherlands 52 28N 04 35E) 24/9/04 and Cley Marshes 9/4/05 to 26/7/05

Left leg: **yellow ring** with black code **4HOB**.
Right leg: metal ring no. GR08122.
Ringed 27/2/12 as a second calendar year at Daneshill Landfill Site near Retford (Notts).
Movements: Cley Marshes 22/8/12.
***Distance*:** 145km ESE.

Code on colour-ring only read partially

Left leg: metal ring no..
Right leg: **black ring** with white code **???2Y**.
A first calendar year.
Seen and photographed: Salthouse 14/12/21.

Birds with metal ring only

Metal ring no. **HW94038**.
Ringed as a nestling 4/7/85 on Fair Isle.
Recovered: found dead on Blakeney Point 3/3/87.
Distance: 747km SSE.

Kittiwake

A nestling from the Firth of Forth found dead on Blakeney Point on Christmas Eve the following year and another from Gateshead found dead on the Point nearly nine years later.

Metal ring no. **ER42963**.
Ringed as a nestling 6/7/91 at Inchkeith, Firth of Forth (Fife).
Recovered: found dead on Blakeney Point 24/12/92.
Distance: 431km SE.

Metal ring.
Ringed as a nestling 9/7/04 at Gateshead (Tyne & Wear).
Recovered: found dead on Blakeney Point 16/6/13.

Sandwich Tern

20 birds fitted with colour leg rings outside the Square have been traced. One came from Portugal, three from Belgium, five from the Netherlands, one from SW Sweden, six from NE

Scotland, two from Northumberland and two from Scolt Head. The Portuguese bird had in fact been metal-ringed 10 years earlier in Begium as a juvenile and was 15 years old when seen at Cley. Ten birds fitted with metal rings only have been recovered in the Square and include an individual ringed in Senegal. There are 14 records of birds fitted with metal rings only in the Square and recovered outside with eight of them found in Africa.

A scheme fitting coded colour rings to nestlings on Blakeney Point started in 2013 with 52 birds ringed and a further 58 were ringed in 2014. None were ringed in 2015 due to the very high mortality of the chicks with c95% of them dying before the date when it was intended to start ringing them.
The Point Coastal Rangers ask if anyone seeing one of these birds could e-mail BTO on colour.ringing@bto.org
then they will reply with details of the bird ASAP.
Birds should have on the left leg a **dark blue** ring with a three-letter ***white*** code starting with **K**.
Birds on Scolt Head have also been colour-ringed under the same scheme.

12 of these 2013+2014 youngsters have been seen in Scotland, two in Denmark, one in Germany, three in France, three in Ireland, one in NW England, two in SW England, one in Spain and four off the coasts of Africa.

In 2016 and 2017 catching and tagging nesting adults was also trialled on Scolt Island (Norfolk). 14 were caught in 2017, four of which were tagged, colour marked yellow on the throat and the vent, the rest all controls which were too light to take tags were dyed yellow on the sides of the neck. The yellow dye can fade to a cinnamon colour. All birds also had a coded blue ring fitted. The Scolt Warden Neil Lawton asks if anyone seeing one of these dyed birds could e-mail him on
Neil.Lawton@naturalengland.org.uk and he will reply with details of the bird ASAP.

Left leg: **blue** ring with ***white*** code **KAB**.
Right leg: metal ring.
Ringed on Blakeney Point 19/6/13 as a chick.
Seen near Cadiz (Spain) 17/7/15, Ainsdale beach (Merseyside) 4/9/16, trapped Scolt Head (Norfolk) 9/6/17, St Keirns (Bannow Bay, Wexford) 5/9/18, Scolt Head 23-30/4/19 (recorded on the webcam), Minsmere (Suffolk) 27-29/4/20. Found predated on Blakeney Point 4/5/20.

Left leg: **blue** ring with ***white*** code **KAH**.
Right leg: metal ring no. DS14866.
Ringed on Blakeney Point 19/6/13 as a chick.
Seen Luc Sur Mer (Calvados, France 49 19N 00 21W) 11/9/13.
Distance: 416km SSW.

Left leg: **blue** ring with ***white*** code **KCC**.
Right leg: metal ring no. DS00577.
Ringed on Blakeney Point 19/6/13 as a chick.
Seen Camperduin, de Putten, N Holland (Netherlands 52 07N 04 06E) 8-9/8/13, Wanderooge Island, Lower Saxony (Germany 53 46N 07 58E) 20/8/13, Vejers Beach (Denmark 55 37N 08 07E) 13/9/13, Saint Laurent sur Mer (Calvados, France 49 22N 00 52W) 31/10/14, Gibraltar Point NNR (Skegness, Lincolnshire) 1/9/16 and Fanoe (Ribe, Denmark 55 27N 08 19E) 15/8/17.

Max Distance: 549km ENE.

Left leg: **blue** ring with ***white*** code **KCH**.
Right leg: metal ring no.DD04703.
Ringed on Blakeney Point 19/6/13 as a chick.
Seen Whitley Bay (Tyne and Wear) 27/9/14, Dornoch Point (Highland) 13/9/16, Scolt Head Island (Norfolk) 4/7/17 and Fanoe (Ribe, Denmark 55 27N 08 19E) 25/8/17.
Max Distance: 627km N.

Left leg: **blue** ring with ***white*** code **KCX**.
Right leg: metal ring no.DB29329.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen Gibraltar Point NNR (Lincs) 25/7/14.
Distance: 46km WNW.

Left leg: **blue** ring with ***white*** code **KDK**.
Right leg: metal ring no.DD04709.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen Tanji, The Gambia 23/11/14.
Distance: 4680km SSW.

Left leg: **blue** ring with ***white*** code **KDN**.
Right leg: metal ring no.DD04711.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen Port Seaton (E Lothian) 4/9/14.
Distance: 418km NW.

Left leg: **blue** ring with ***white*** code **KDT**.
Right leg: metal ring no.DD04714.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen Witcombe Reservoir (Gloucestershire) 13/9/14.
Distance: 247km WSW.

Left leg: **blue** ring with ***white*** code **KD3**.
Right leg: metal ring no.DD04719.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen Findhorn (Moray) 8/8/14, Storms River (South Africa 34 01S 23 52E) 18/10/15, Inner Farne (Northumberland) 9/7/16, Port Seton (East Lothian) 25/7/18 and Seaton Common (Hartlepool) 28/8/18.
Max Distance: 9920km SSE.

Left leg: **blue** ring with ***white*** code **KFB**.
Right leg: metal ring no.DD04724.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen near Swakopmund (Namibia 22 34S 14 30E) 17/2/16.
Distance: 8495km S.

Left leg: **blue** ring with code not specified but assumed to be ***white*** **KFC**.
Right leg: metal ring no.DD04725.
Ringed on Blakeney Point 18/6/14 as a chick.

Seen Port Seton (East Lothian) 29/9/16, Camperduin, de Putten (Noord-Holland, The Netherlands 52 43N 04 37E) 20/8/17, Gansbaai (Western Cape, South Africa 34 58S 19 34E) 25/12/17 and Camperduin 4/7/18.
Max Distance: 9942km S.

Left leg: **blue** ring with ***white*** code **KFH**.
Right leg: metal ring.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen in the Far Point colony on Blakeney Point 6/8/20.

Left leg: **blue** ring with ***white*** code **KFK**.
Right leg: metal ring no.DD04730.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen Findhorn (Moray) 28-29/8/14, Coquet Island (Northumberland) 28/6/18, Peterhead Bay (Aberdeenshire) 31/8/19+1/9/18.
Max Distance: 596km NNW.

Left leg: **blue** ring with ***white*** code **KFT**.
Right leg: metal ring no.DD04735.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen Ythan Estuary (Aberdeens) 31/7/14.
Distance: 519km NNW.

Left leg: **blue** ring with ***white*** code **KF3**.
Right leg: metal ring no.DD04739.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen Port Seaton (E Lothian) 19/8/14.
Distances: 418km NW.

Left leg: **blue** ring with ***white*** code **KF4**.
Right leg: metal ring no.DD04740.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen Ythan Estuary (Aberdeens) 31/7/14, Port Seaton (E Lothian) 14/8/14 and Findhorn (Moray) 31/8/14.
Max Distance: 596km NNW.

Left leg: **blue** ring with ***white*** code **KF6**.
Right leg: metal ring no.DD04741.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen Witham Mouth, Freiston (Lincs) 14/9/14.
Distance: 61km W.

Left leg: **blue** ring with ***white*** code **KHD**.
Right leg: metal ring no. DD04746.
Ringed on Blakeney Point 18/6/14 as a chick.
Seen Carnsore Point, Wexford (Ireland 52 10N 06 21W) 1/10/14.
Distance: 503km W.

Left leg: **blue** ring with ***white*** code **KHJ**.
Right leg: metal ring no. DD04749.

Ringed on Blakeney Point 18/6/14 as a chick.
Seen Port Seaton (E Lothian) 4/9/14.
Distances: 418km NW.

Left leg: **blue** ring with ***white*** code **KHS**.
Right leg: metal ring no.DT03604.
Ringed on Blakeney Point 7/7/14 as a chick.
Seen Duncannon, Wexford Wexford (Ireland 52 13N 06 55W) 16/9/14.
Distance: 540km W.

Left leg: **blue** ring with ***white*** code **KHZ**.
Right leg: metal ring no.DT03609.
Ringed on Blakeney Point 7/7/14 as a chick.
Seen Findhorn (Moray) 26/8/14-23/9/14.
Distance: 596km NNW.

Left leg: **blue** ring with ***white*** code **KH6**.
Right leg: metal ring no.DT03612.
Ringed on Blakeney Point 7/7/14 as a chick.
Seen Dawlish Warren (Devon) 29/8/14-1/9/14.
Distance: 402km SW.

Left leg: **blue** ring with ***white*** code **KPC**.
Right leg: metal ring no.DT03503.
Ringed on Blakeney Point 7/7/14 as a chick.
Seen Westkapelle, Zeeland, Netherlands 29/8/14 and 16-17/10/14.
Distance: 230km SE.

Left leg: **blue** ring with ***white*** code **KPS**.
Right leg: metal ring no.DT03512.
Ringed on Blakeney Point 7/7/14 as a chick.
Seen Gibraltar Point NNR (Lincs) 25/7/14.
Distance: 46km WNW.

Left leg: **blue** ring with ***white*** code **KSA**.
Right leg: metal ring.
Fitted with a temporary GPS collar that will have fallen off a few weeks later.
Ringed on Scolt Head Island (Norfolk) 28/5/19 as a breeding adult.
Seen in the Far Point colony on Blakeney Point 6/8/20.

Left leg: **blue** ring with ***white*** code **KZS**.
Right leg: metal ring no.DT03561.
Ringed on Blakeney Point 7/7/14 as a chick.
Seen Findhorn (Moray) 31/8/14.
Distance: 596km NNW.

Left leg: **blue** ring with ***white*** code **KZV**.
Right leg: metal ring no.DT03563.
Ringed on Blakeney Point 7/7/14 as a chick.
Seen Gibraltar Point NNR (Lincs) 25/7/14.

Distance: 46km WNW.

Left leg: **blue** ring with ***white*** code **KZX**.
Right leg: metal ring no.DT03564.
Ringed on Blakeney Point 7/7/14 as a chick.
Seen Blakeney Point 13/7/14 then Le Havre, France 14/8/14.
Distance: 392km S.

Left leg: **blue** ring with ***white*** code **K3D**.
Right leg: metal ring no. DT03573.
Ringed on Blakeney Point 7/7/14 as a chick.
Seen Port Seaton (E Lothian) 19/8/14.
Distances: 418km NW.

Left leg: metal ring.
Right leg: **blue** ring with ***white*** code that could not be read.
Also marked with **Yellow** dye on sides of neck.
Ringed one of 10 birds ringed on Scolt Island (Norfolk) 9-10/6/17.
Seen Cley Marshes 29/7-4/8/17.

Left leg: **green** over **lime** rings.
Right leg: metal ring
Ringed in Belgium in 1997. One of many ringed with the same combination.
Dates at Cley Marshes 22/7/04.

Left leg: **green** over ***white*** rings on tibia.
Right leg: metal ring.
Ringed in Belgium in 1995. One of many ringed with the same combination.
Dates at Cley Marshes 22/4/02.

Left leg: **lime** ring with code **NPC**.
Right leg: metal ring .
Ringed as a pullus 29/6/15 at Scheelhoek (Netherlands 52 57N 04 04E).
Seen Cley Marshes 13/8/15.

Left leg: metal ring 1584034.
Right leg: **lime** ring with code **NP2**.
Ringed as a pullus 25/6/14 at de Slijkplaat, Haringvliet, Zuid-Holland (Netherlands 51 48 N 04 09 E).
Seen Cley Marshes 26/7/14.
Another juvenile seen at Cley Marshes on 25-26/7/14 with a coded lime ring on its left leg probably came from the same scheme.

Left leg: **lime** over **green** rings.
Right leg: metal ring
Ringed as a juvenile at Forvie (Newburgh, Aberdeens) in 2002. One of many juveniles ringed with this combo that year.
Dates at Cley Marshes 19-28/6/08.

Left leg: **lime** over ***white*** rings.

Right leg: metal ring.
Ringed in Belgium in 1995. One of many ringed with the same combination.
Dates at Cley Marshes 14/4/03 to 2/5/03.

Left leg: metal ring
Right leg: **lime** over **red** rings.
Ringed as a juvenile at Forvie (Newburgh, Aberdeens) in 2008. One of c300 juveniles ringed with this combo that year.
Dates at Cley Marshes 14/6/13, 2/8/13 + 5/7/15.

Left leg: metal ring.
Right leg: **red** over **black** rings.
Ringed as a juvenile at Forvie (Newburgh, Aberdeens) in 1990. One of many juveniles ringed with this combo that year.
Dates at Cley Marshes 23/4/03.

Left leg: **red** ring with code **EPN**.
Right leg: metal ring no. DB20777.
Ringed at Brownsman Island (Northumberland) 26/6/09 as a chick.
Seen Ythan Estuary (Aberdeens) 3/8/11 (recaptured), Salthouse Marshes 20/7/13.

Left leg: **red** ring with code **EPZ**.
Right leg: metal ring no. DE44645.
Ringed at Ythan Estuary (Aberdeens) 3/8/11 as a juvenile.
Seen Rattray Head (Aberdeens) 20/8/11, Salthouse Marshes 20/7/13 and Lowestoft (Suffolk) 10/8/13.
Distance: 519km SSE.

Left leg: **red** ring with code **ETK**.
Right leg: metal ring no. DE52037.
Ringed at Ythan Estuary (Aberdeens) 15/8/11 as a juvenile.
Seen Ythan Estuary 18/8/11, Findhorn Bay (Moray) 16+17/8/13 then found dead in the tern colony at Blakeney Point 16/7/14.
Distance: 519km SSE.

Left leg: **red** ring with white code **UNP** (misread as O**NP**).
Right leg: metal ring no. DD92361.
Ringed on Coquet Island (Northumberland) 3/8/13 as a chick.
Seen Peterhead Bay 28/9/13, Brora (Highland) 7/10/13, Peterhead Bay 14/8/16, Coquet Island May 2017, Cley Marshes 19/5/18.

Left leg: ***white*** ring.
Right leg: **yellow** over metal rings.
Ringed at Falsterbo, SW Sweden (55 23N 12 49E) as an adult. One of 147 ringed with the same combination between 3/7/02 and 4/9/02.
Seen Cley Marshes 15+26/8/03.

Left leg: metal ring no NL 4205.
Right leg: ***white*** ring with code **A82**.

Ringed 22/6/16 at Feugelpôlle, Ameland, Netherlands (53 26N 05 34E) presumably as a nestling.
Seen Cley Marshes 8-12/8/16 (a juvenile).

Left leg: ***white*** ring with black code **ETP**.
Right leg: metal ring DD49599.
Ringed as an adult on the Ythan Estuary (Aberdeens) 11/9/10.
Seen Ythan Estuary 24/8/11, Findhorn Bay (Moray) 25/8/14, Douro River (Vila Nova de Gaia, Porto, Portugal) 17/10/14, Ythan Estuary 19/7/15+13/8/18, Cley Marshes 27/4/19.

Left leg: metal ring no. 6T47425 (Lisboa, Portugal)
Right leg: **yellow** ring with **black** code **PAZ**
Ringed initially as a juvenile 9/6/2000 at West Vlaanddern (Belgium 51 21N 03 11E) controlled as an adult 20/9/10 at Canto Salt Pans, Alcochete, Tagus Estuary (Portugal 38 44N 09 00E), fitted with darvic ring and new metal ring. The code was chosen by the ringer's wife as PAZ means peace in Portuguese.
Movements: Seen at Alcochete to 10/10/10, 21/2/11, 22/3/11, 14/9/11-22/12/11, 20/2/12, 13/1/13 and 29/3/13. Then at Ijzermonding Reserve, Nieuwpoort (Belgium 51 09N 02 44E) 12/7/13, Camperduin (N Holland, Netherlands 52 44N 04 38E) 14/7/13, Alcochete 2/12/13 and Cley Marshes 26/7/15.

Left leg: metal ring no.1589704.
Right leg: **Yellow** ring with **black** code **TDC**.
Ringed: 25/6/17 as a pullus in the Utopia colony on the island of Texel, The Netherlands (53 07N 04 54E).
Movements: Last seen on Texel 4/7/17 then at Cley Marshes 23/8/17.

Left leg: metal ring no.1589594.
Right leg: **Yellow** ring with **black** code **TSC**.
Ringed: 25/6/17 as a pullus in the Utopia colony on the island of Texel, The Netherlands (53 07N 04 54E).
Movements: Last seen on Texel 4/7/17 then at de Putten Nature Reserve (the Netherlands 52 44N 04 39E) 21/7/17, on the Island of Fanø (Denmark 55 28N 08 20E) 2/8/17 and Cley Marshes 16/9/17.

Birds with metal ring only

Metal ring **AS6719**
Ringed on 12/6/35 at Salthouse as a nestling.
Recovered: Found 2/7/36 in Gabon (00 40S 08 49E).
Distance: 6002km S.

Metal ring **DB02218**
Ringed on 20/7/98 at Seal Sands (Teesside) as an adult.
Recovered: Found freshly dead Blakeney Point 29/4/13.
Distance: 231km SE.

Metal ring **DD22636**
Ringed on 28/6/03 on Inner Farne Island (Northumberland) as a nestling.

Recovred; Found freshly dead Far Point, Blakeney Point 1/6/14 killed by a Fox in the tern colony.
Distance: 339km SSE.

Metal ring **DE65929**
Ringed on 13/6/13 at Sands of Forvie NNR (Newburgh, Aberdeens) as a nestling.
Found grounded in grass and released alive at Arnold's Marsh, Cley 18/8/13.
Distance: 523km SSE.

Metal ring **M34794**
Ringed on 17/6/08 at Les Huttes d'Oye, N Pas-de Calais, France (50 59N 02 02E) as a nestling.
Found freshly dead Far Point, Blakeney Point 1/6/14 killed by a Fox in the tern colony.
Distance: 234km NNW.

Metal ring **P6358**
Ringed on 27/6/31 at Salthouse as a nestling.
Recovered: Found freshly dead 16/8/31 at Nairn (Highland).
Distance: 603km NNW.

Metal ring **T3797**
Ringed on 30/6/28 at Blakeney as a nestling.
Recovered: Found sick 11/8/29 Cap Matifou (Algeria 36 48N 03 15E).
Distance: 1805km S.

Metal ring **225085**
Ringed on 11/6/39 at Salthouse as a nestling.
Recovered: Found freshly dead 1/1/40 on board a ship off Freetown (Sierra Leone 08 40N 13 57W).
Distance: 5106km SSW.

Metal ring 6T65538
Ringed on 21/4/03 Zeebrugge (West-Vlaanderen, Belgium 51 19N 03 10E) as a fully gown invidual.
Found Blakeney Point 26/6/14 freshly dead (predated).
Distance: 237km NW.

Metal ring 225147
Ringed on 11/6/39 at Salthouse as a nestling.
Recovered: Found dead 3/2/40 in Guinea (09 31N 13 43W).
Distance: 5010km SSW.

Metal ring **1378987** Arnhem
Ringed on 29/5/00 on the island of Griend (N of Texel), Netherlands (53 15N 05 15E) as a nestling.
Found Blakeney Point 16/7/14 in the tern colony more than 2 weeks dead.
Distance: 289km W.

Metal ring **7019869** Copenhagen
Ringed on 8/6/75 Ronholm, Nibe Bredning (Nordjylland, Denmark 57 01N 09 37E) as a

nestling.
Found Blakeney 18/7/82 freshly dead.
Distance: 710km SW.

Standard metal ring
Ringed Farne Islands (Northumberland) 28/6/69.
Recovered 18/7/82 on Blakeney Point (presumably found dead).

Standard metal ring
Ringed Leverton (Lincs) 28/8/80.
Recovered 14/7/83 on Blakeney Point (presumably found dead).

Standard metal ring
Ringed Ile Senghor, Delta Saloum (Senegal) 24/1/04.
Found dead 11/9/05 on Blakeney Point.

Standard metal ring.
Ringed summer 1928 on Blakeney Point.
Recovered Angola in 1929 (presumably found dead).

Standard metal ring.
Ringed 15/6/58 at Salthouse as a nestling.
Recovered Coruna, Spain September 1944 (presumably found dead).

Standard metal ring.
Ringed 15/6/58 on Blakeney Point.
Recovered Esmoriz, Portugal September 1958 (presumably found dead).

Standard metal ring.
Ringed 18/6/58 on Blakeney Point.
Recovered Aberlady Bay (Lothian) 24/8/58 (presumably found dead).

Standard metal ring.
Ringed 23/6/58 on Blakeney Point.
Recovered Dakar, Senegal 30/10/58 (presumably found dead).

Standard metal ring.
Ringed 29/6/84 on Blakeney Point.
Recovered Eboue, Ivory Coast 28/2/85 (presumably found dead).

Standard metal ring.
Ringed 29/6/84 on Blakeney Point.
Recovered Teesmouth (Cleveland) 27/7/84 (presumably found dead).

Standard metal ring.
Ringed 29/6/84 on Blakeney Point.
Recovered Pegwell Bay (Kent) 26/7/84 (presumably found dead).

Standard metal ring.
Ringed 29/6/84 on Blakeney Point.

Recovered Luanda, Angola 4/11/84 (presumably found dead).

Roseate Tern

Colour-ringed birds from the Farne Islands have been seen in the autumn on Blakeney Point in the years before 1999 but no details are given (The Birds of Blakeney Point, Stoddart and Joiner). The male of a pair on Blakeney Point in 1999 was ringed with a standard metal ring on the left tarsus and a taller coded metal ring on the right tarsus. It is said that he apparently came from Coquet Island (Northumberland).

Code/combination incomplete

Two of the three adults seen at Cley Marshes on 30/6/07-26/7/07, three of the six seen there 19/6/08-10/7/08 and the one seen 25-27/8/08 were also all ringed with standard metal rings on the left tarsi and taller coded metal rings on the right tarsi. The code can unfortunately only be read at extremely close range and so far nobody has been able to read one at Cley. Most chicks raised in Britain are now ringed but all under this RSPB scheme so it is impossible to even determine which colony they come from unless the code can be read.

Common Tern

Four birds fitted with colour leg rings have been seen. The two that have been traced were both ringed as chicks in colonies in Bedfordshire. An individual with a metal ring from Essex was found dead in the Square and three ringed in the Square were recovered in the Netherlands, Portugal and Morocco.

Left leg: ***white*** over ***white*** rings both of very low height.
Right leg: metal ring.
Ringed in 2005 as a pullus at Broom (Beds). One of the 20 birds ringed there with this combination that year.
Seen Cley Marshes 25/6/07.

Left leg: **yellow** over **yellow** rings both of very low height.
Right leg: metal ring.
Ringed in 2005 as a pullus at Willington (Beds). One of the 30 birds ringed there with this combination that year.
Seen Cley Marshes 22/6/07 and 22-23/6/08.

Untraced birds

Left leg: **green** over **black** rings both of very low height with the lower ring having fallen below the hind toe and constraining the foot.
Right leg: **green** over metal rings.
Movements: Cley Marshes 27-28/6/08

Left leg: ***white*** ring.
Right leg: metal ring.
Cannot be traced. If there was a code on the white ring then it was not very noticeable.
Dates at Cley Marshes 23/6/08.

Birds with metal ring only

Metal ring **S9648**
Ringed on 5/7/51 at Blakeney as a nestling.
Recovered: Found dead 19/8/51 in Friesland (The Netherlands 52 51N 05 31'E).
Distance: 303km E.

Metal ring **SX58704**
Ringed on 18/6/93 in Blakeney Harbour as a nestling.
Recovered: Found sick after a storm 10/10/94 at El Jadida (Morocco 33 15N 08 30W).
Distance: 2318km SSW.

Metal ring **TB961**
Ringed on 11/8/39 at Blakeney as a nestling.
Recovered: Found injured 20/10/39 Peniche (Leiria, Portugal 39 21N 09 22W).
Distance: 1709km SSW.

Metal ring **XS67778**
Ringed on 17/6/84 at Foulness (Essex) as a nestling.
Recovered: Found dead after an injury at Blakeney Pit, off Morston 23/5/03.

Arctic Tern

Metal ring no. **AT230424** (Helsinki).
Ringed as a chick at Hamina (Kymi, Finland 60 21N 27 25E) 3/7/11.
Found dead at Cley 13/11/11.
Distance: 1802km WSW.

Metal ring no. **8708419** (Copenhagen).
Ringed as a chick at Lindholm (Oro, Holbaek, Vestsjælland, Denmark 55 43N 11 49E) 4/7/81.
Found dead on Blakeney Point 12/8/81.
Distance: 765km WSW.

Little Tern

Thee metal ringed individuals have been found dead. Two of these were nearly 14 and 15 years old. A bird ringed as a chick at Blakeney was found dead in Kent later that year.

An international project is being conducted studying Little Terns. As part of this project the RSPB have been experimenting with using colour-rings to identify individual adults at their nests. In 2014 four adults on Blakeney Point were marked with blue dye on their backs and fitted with yellow rings and black codes UB5, UB6, UB7 and UB8. Other adults and also chicks were similarly ringed and marked at Winterton Dunes. The Blakeney Point Coastal Rangers asks if anyone seeing or, even better, photographing one of these birds could e-mail the RSPB scheme coordinator
Chantal.Macleod-Nolan@rspb.org.uk
who will reply with details of the bird ASAP.
The codes can in fact probably only be read from good quality photographs. ***It should be emphasized that it is illegal to approach and photograph Little Terns at their nests without***

a special licence. This request is therefore for sightings/photos taken away from their nest sites.
No birds were colour-ringed in 2015 on Blakeney Point as the project ringers focused their attention on Wales/Ireland where the populations were healthier.

This RSPB colour ringing project is part of the EU LIFE Little Tern Recovery Project. The aim is to improve our understanding of Little Tern demography such as first year and longer term survival, date of first breeding and movements between colonies. The colour rings they are using are engraved darvics, these colour rings are yellow with a black 3 alpha-numeric code (beginning with the letters "U" "X" or "Z") and will be on the right leg (unless the bird is already ringed on the right leg), birds will be ringed with a BTO metal ring on the left leg. These colour rings have been used successfully on Little Terns in Israel (http://isring.blogspot.co.uk/p/tern-cr-project.html) and then used on Little Terns on the Isle of Man. By the end of the project there will be a small but significant colour ringed population which can be tracked. One of the problems with colour ringing Little Terns is re-sighting the rings on their short tarsi. They are investing in high performance optical equipment to aid in the re-sighting throughout the lifetime of the project. To ensure they can successfully re-sight the rings using their equipment they trialled colour rings on adult birds during the nesting period this year. They trapped and ringed 11 adults at Winterton and 4 adults at Blakeney and also applied temporary dye to the feathers to aid with re-sighting during the trial period. Five of these birds were successfully re-sighted. One of the Blakeney adults was subsequently seen at Winterton and one was resighted at Blakeney Point nearly six years later. 74 chicks were colour-ringed at Winterton in 2014 but the colony suffered very high mortality due to an unseasonal storm. It is thought that over ten of the chicks survived to fledging. One chick was ringed late in the season at Blakeney Point.

Left leg: metal ring.
Right leg: yellow ring with code **UB6**.
Ringed on Blakeney Point 12/6/14 as an adult.
Seen at Blakeney Point again 13/6/14 then not re-sighted again until 25/4/20 when it was back on Blakeney Point.

Left leg: metal ring.
Right leg: yellow ring with code **UB7**.
Ringed on Blakeney Point 12/6/14 as an adult.
Seen Winterton (Norfolk) 15/7/14.

Birds with metal ring only

Metal ring no.**NV47385**.
Ringed as a chick at Tetny (Lincs) 4/7/93.
Found freshly dead on Blakeney Point 8/6/14.

Metal ring no.**221959**.
Ringed as a chick at Blakeney 5/8/39.
Found freshly dead in Kent 14/9/39.

Standard metal ring
Ringed on 7/7/91 as a nestling near Wells-next-the-Sea.
Found dead on Blakeney Point 12/5/05.

Standard metal ring.
Ringed on 5/7/03 as a nestling at Winterton Holmes (East Somerton, Norfolk).
Found dead on Blakeney Point 9/6/08 near the Watch House colony. Killed by a predator (probably a Kestrel).

Arctic Skua

One unlucky individual ringed as a chick in Finland then hit by a car at Blakeney later that year.

Metal ring no.**ST180512**.
Ringed 29/6/96 as a chick at Uusikaupunki (Turku-Pori, Finland 60 48N 21 25E).
Found freshly dead (hit by a car) at Blakeney Harbour 8/9/96.
Distance: 1512km SW.

Guillemot

One ringed in the Netherlands and found dead at Salthouse just nine days later.

Metal ring no.14990
Ringed on 16/12/90 at Noordwijk, Zuid-Holland, Netherlands (52 15N 04 25E).
Found dead at Salthouse 25/12/90.
Distance: 240km WNW.

Razorbill

Three dead ringed individuals from the Shetlands have been found washed up on the shore. One was over 22 years old.

Metal ring no.**M64726**
Ringed on 20/6/90 at Hermaness, Unst, Shetland as an adult.
Found long dead at Salthouse 14/4/13.
Distance: 884km S.

Metal ring no.**M71570**
Ringed on 25/6/95 at Hermaness, Unst, Shetland as a nestling.
Found dead after a storm on Blakeney Point 23/2/96.
Distance: 880km S.

Standard metal ring
Ringed on 2/7/82 at Fair Isle.
Found dead between Weybourne and Salthouse 13/2/83.

Wood Pigeon

One bird ringed at Salthouse as a nestling that was trapped and killed in Bedfordshire the following year.

Metal ring no. **DA15181**
Ringed on 3/8/74 at Salthouse as a nestling.
Shot in Jaen, Spain (37 54N 04 12W) 22/9/74.
Distance: 1721km SSW.

Metal ring no.**FV10901**.
Ringed as a nestling 13/7/75 at Salthouse.
Recovered trapped and killed 28/2/76 at Hill Farm (Beds).

Turtle Dove

Two youngsters ringed at Salthouse that were shot in France and in Spain later the same year.

Metal ring no. **252916**
Ringed on 1/10/53 at Salthouse as a juvenile.
Shot at Quimper, Finistere, France (48 00N 04 06W) 4/10/53.
Distance: 661km SW.

Cuckoo

A nestling ringed at Kelling in 1931 was recovered in France 3 months later and is almost certainly the first foreign recovery of a British-ringed Cuckoo.

Metal ring no. **P5972**
Ringed on 29/6/31 at Kelling as a nestling.
Found dead at Evres-en-Argonne, Meuse, NE France (48 58N 05 07E) 21/9/31.
Distance: 521km SSE.

Barn Owl

Metal leg ring with code **GF92986** (British Museum).
Ringed 21/7/00 at Orfordness as a first-calendar year female.
Recovered Found in a rat trap with a broken leg at Salthouse 16/12/03 and “destroyed”.
Distance: 104km NNW.

Little Owl

One ringed at Kelling was found dead near King’s Lynn.

Standard metal ring.
Ringed at Kelling in June 1934.
Found dead: at Congham near King’s Lynn in June 1935.
Distance: 43km.

Tawny Owl

One ringed at Kelling was found dead near King’s Lynn.

Standard metal ring.
Ringed at Salthouse Heath in May 1956.
Controlled: at Great Witchingham (Norfolk) in 1958.

Short-eared Owl

One nestling ringed at Cley was found dead in France and three from the same brood ringed at Morston were recovered at Wells, Sleaford (Lincs) and Andilly (France). A bird ringed as a nestling in Sweden was shot at Cley.

Three birds fom the same brood fitted with standard metal rings.
Ringed at Morston 16/6/57.
Recovered: bird 1 at Wells in July 1957, bird 2 at Spalding (Lincs) in November 1957 and bird 3 metal ring no. **AH6314**
Found dead at Andilly (Charente-Maritime, France 46 16N 01 01W) 2/12/57.
Distance: 757km SSW.

Metal ring no. **8022983** (Stokholm).
Ringed as a nestling at Bergsatern, Transtrand, Värmland (Sweden 60 03N 13 13E) 11/7/73.
Found dead: shot at Cley 19/10/73.
Distance: 1083km SW.

Standard metal ring.
Ringed at Cley as a nestling (date not specifically stated but from the text appears to be 1957).
Recovered: in France in December presumably the same year.

Swift

One nestling ringed at Cley was recovered five years later in France.

Metal ring no.**KE798**.
Ringed as a nestling at Cley 4/7/52.
Recovered: trapped in Eure-et-Loire (France 48 27N 01 30E) on 2/9/57.
Distance: 503km S.

Kingfisher

One ringed at Salthouse in 1972 was found dead in Cambridgeshire.

Metal ring no.**SE52791**.
Ringed at Salthouse 7/11/72.
Recovered: found dead near Corpus Christi Farm (Cambs) 3/4/73.

Woodlark

Pulli were caught and colour-ringed on Kelling Heath by Noel Elms from 2011 to 2014. The motivation for carrying out this project was that little or nothing is known about the wintering

grounds of the Woodlarks breeding in England and and the fact that Woodlarks are also annual passage migrants in Norfolk with the distinct possibility that some are of Continental origin. In total 28 pulli from 10 broods were ringed. Six were seen after ringing (one being found dead) and three of them were seen in their second calendar years. One of these individuals bred successfully on the Heath and another was found breeding at another locality in Norfolk. No further birds will be ringed but Noel asks if anyone seeing one of the surviving birds could e-mail him directly on
noelelms@gmail.com
and he will reply with details of the bird ASAP.
Birds should have two colour-rings on the left leg and a third colour-ring with the metal on the right leg.
It is important to note whether the metal ring is above or below the colour-ring.
The different colours used so far are **black** (niger **N**), **dark blue** (**B**), **dark green** (**G**), **lime** (**L**), **orange** (**O**), **red** (**R**), ***white*** (**W**) and **yellow** (**Y**).

In addition one bird ringed as a youngster in Suffolk was seen at Kelling Heath.

Left leg: metal ring no. TT59555 over **red** rings.
Right leg: **lime** over **lime** rings.
Ringed as a youngster out of the nest (one of a brood of 3) at Lakenheath Warren (Suffolk) 30/6/13.
Movements: Seen at Kelling Heath 25/2/15.

Left leg: **orange** over **green** rings.
Right leg: metal ring no. TS18411 over **green** ring.
A male.
Ringed as a pullus at Kelling Heath in 2011.
Movements: Seen at Kelling Heath to 18/9/11. Returned to breed successfully in 2012 being first seen song flighting then later on taking food to hidden fledged youngsters.

Left leg: **red** over **orange** rings.
Right leg: metal ring no. TS96140 over **green** ring.
A female.
Ringed as a pullus at Kelling Heath in 2013.
Movements: Holt Lowes 16/3/14.

Left leg: ***white*** over **red** rings.
Right leg: **orange** over metal ring no.TS96201
Ringed as a pullus at Holt Lowes (Norfolk) 12/6/14. One of a second brood of five.
Movements: Kelling Heath 31/3/16-2/4/16.

Skylark

One ringed at Cley in 1951 was recovered in SW France.

Metal ring no.**NR663**.
Ringed at Cley 31/8/51.
Recovered: found dead near Bordeaux (Gironde, SW France) 15/3/53.
Distance: 915km S.

Shorelark

One colour-ringed in Suffolk on 8/3/98 was seen at Salthouse 6/5/98.

Left leg: **blue** over ***white*** split ring over metal ring.
Right leg: ***white*** ring over **blue** ring.
Ringed at Orfordness, Suffolk on 08/3/1998.
Movements: seen at Orfordness again on 29/3/98, then at Salthouse 06/5/98 then seen back at Orfordness the following winter 10/1/99.

Sand Martin

A bird ringed at Salthouse in 1970 was trapped by a ringer in the Netherlands a month later.

Metal ring no.**HV80420**.
Ringed as an adult at Salthouse 14/5/70.
Recovered: caught by a ringer in Overijssel, The Netherlands **(**52 30N 06 42E) 16/6/70.
Distance: 383km E.

Meadow Pipit

A nestling colour-ringed at Cley in 1950 went on to nest at Weybourne for the next three years. An individual ringed in Norway was caught by a ringer at Kelling and one ringed in Suffolk in its first winter was found dead on Blakeney Point the following spring. Five nestlings ringed in the Square have been recovered on the continent – two in France, one in Spain and two in Portugal.

Colour leg-rings (combination not specified).
Ringed at Cley in 1950.
Seen: nested at Weybourne 1951-3.

Metal ring no. **A12305**
Ringed on 1/6/55 at Cley as a nestling.
Found dead at Asturias, Oviedo, Spain (43 33'N 05 40W) 10/2/56.
Distance: 1158km SSW.

Metal ring no.**B46831**
Ringed on 16/5/54 at Cley as a nestling.
Found dead trapped at Faro Airport, Portugal (37 01N 07 55W) 8/11/54.
Distance: 1905km SSW.

Metal ring no.**E563925**
Ringed on 13/10/95 at Monstermyr, Flekkefjord, Vest-Agder, Norway (58 16N 06 33E).
Found caught by a ringer at Kelling 4/11/95.
Distance: 684km SSW.

Metal ring no.**H4428**
Ringed on 21/5/30 at Cley as a nestling.

Found dead trapped at Anglet, Pyrenees-Atlantiques, France (43 28N 01 30W) 6/10/30.
Distance: 1071km SSW.

Metal ring no.**JP383**
Ringed on 30/5/53 at Cley as a nestling.
Found dead in Pyrenees-Atlantiques, France (43 25N 01 34W) 3/10/53.
Distance: 1077km SSW.

Metal ring no.**LK574**
Ringed on 15/5/35 at Salthouse as an adult.
Recovered at Setubal, Portugal (38 31N 08 54W) 9/12/35.
Distance: 1778km SSW.

Metal ring no.**Y888851**
Ringed on 20/12/12 at Iken Marshes (Suffolk) as a first calendar year.
Found dead Blakeney Point 6/6/13.

Rock Pipit

One individual trapped in Norway and fitted with a coded colour-ring in August 2018 then seen at Blakeney Freshes 3 months later.

Left leg: metal ring no ED05890 Stavanger.
Right leg: yellow ring with black code **310**.
Ringed 27/8/18 as a male Makkevika, Giske, Moere & Romsdal, (Norway 62 30N 06 02E).
Seen Blakeney Frehes 16+27/11/18.
Distance: 1101km SSW.

Yellow Wagtail

Nestlings ringed at Salthouse and Cley were recovered in France and Portugal.

Metal ring no.**KD067**.
Ringed 8/6/52 as a nestling at Salthouse.
Found dead shot in Gironde, France (44 42N 01 16W) 25/8/52.
Distance: 933km SSW.

Metal ring no.**K11783**.
Ringed 5/6/58 as a nestling at Cley.
Found dead near Lisbon, Portugal (38 43N 09 07W) 27/9/59.
Distance: 1764km SSW.

Pied Wagtail: form *yarrellii*

A nestling ringed at Kelling was trapped in France the following October.

Metal ring no.**H4316**.
Ringed as a nestling at Kelling in 14/7/29.
Found dead trapped near Soustons, Landes, France 13/10/29.

Distance: 1036km SS.

White Wagtail: form *alba*

One individual with colour leg rings has been seen. It was ringed at Slapton Ley in Devon in the autumn of 2006 and is thought most likely to be from the population nesting in Iceland.

Left leg: **red** over **lime** over **blue** rings.
Right leg: **yellow** over metal ring no.**T783732**.
Ringed as an adult male at Slapton Ley (Devon) on 18/9/06 in what is regarded as the peak time there for passage migrant nominates from Iceland.
Seen Cley Marshes 18/4/07.

Waxwing

A bird ringed at Blakeney in 1965 was shot in France the following March.

Metal ring no.CB99052.
Ringed as an adult female at Blakeney 12/11/65.
Found shot at Presilly, Cruseilles near Lake Geneva, France (46 06N 6 04E) 25/3/66.
Distance: 849km SSE.

Dunnock

A first calendar year bird ringed in Germany was caught by a ringer a year later at Cley. There is an old record of another youngster ringed at Kelling and found dead there eight years later and a recent one of another ringed at Walsey Hills NOA but found dead at Cley in October later the same year.

Metal ring no.**CB99052** (DFH).
Ringed as a first calendar year at Helgoland, Germany (54 10N 07 55E) 10/10/60.
Controlled by a ringer at Cley 13/11/60.
Distance: 473km WSW.

Metal ring no.**G5987**.
Ringed as a nestling at Kelling 23/5/29.
Found Dead at Kelling 10/9/37.

Metal ring no.**VS56899**.
Ringed as a first calendar year at Walsey Hills NOA 26/7/20.
Found Dead at Cley 13/10/20.

Robin

One ringed as a nestling at Kelling was found dead there 8 years later. One ringed at Salthouse was found dead in Poland and another ringed at Cley was found dead in Germany. One ringed at Ipswich was controlled at Walsey Hills NOA.

Metal ring no.**ACR3018**.

Ringed at Ipswich (Suffolk) 17/6/21 as a first calendar year.
Controlled at Walsey Hills NOA 29/8/21.
Distance: 99km N.

Metal ring no.**G5987**.
Ringed as a nestling at Kelling 23/5/29.
Found Dead at Kelling 10/9/37.

Metal ring no.**NR724**.
Ringed at Cley 1/10/51.
Found Dead in Weser-Ems, Germany (52 52N 08 01E) 28/3/52.
Distance: 468km E.

Metal ring no.**N427671**.
Ringed as a first calendar year at Holme 23/8/99.
Found Dead at Cley 13/5/00.

Metal ring no.**80876**.
Ringed at Salthouse 1/10/60.
Found Dead after hitting wires in Podlaskie, Poland (52 54N 22 06E) 14/10/61.
Distance: 1409km E.

Redstart

Two birds ringed on Blakeney Point in the 1960s were recovered in Iberia. One ringed at Kelling in 1995 was shot six days later in Spain.

Metal ring no.**K334966**.
Ringed as a first calendar year male at Kelling 19/9/95.
Found Dead shot at Fuencarral, Madrid, Spain (40 30N 03 40W) 25/9/95.
Distance: 1429km SSW.

Standard metal ring.
Ringed 12/5/65 on Blakeney Point.
Recovered Vilches (Spain) 6/10/67.

Standard metal ring.
Ringed 7/10/66 on Blakeney Point.
Recovered Pademe (Portugal) 30/9/67.

Stonechat

A male with colour leg rings was first seen on Kelling Heath on 19/3/09. It had been ringed in the nest on a heath in Thetford Forest the previous year. At the time it was only the second individual ringed in this project to be found away from the Forest. A second colour-ringed bird from Thetford forest, a female, was found on the Heath in 2017.

A similar colour-ringing scheme was started locally on Kelling Heath in 2009 by Noel Elms and 76 birds were ringed to 2012. The main aims of the project were to establish the origins

and racial identity of the birds nesting there, their wintering grounds and the dispersion of their youngsters. Both breeding birds and nestlings were ringed. The Thetford Forest bird raised three broods successfully in 2009 with most of its young being colour-ringed. Moss Taylor colour-ringed 31 birds under this same scheme at Weybourne Camp from 2010 to 2013. In 2012 birds also bred along the coast at Salthouse and at Cley Marshes where a further 8+6 birds were ringed. In total 121 birds were colour-ringed under the scheme.

Of the 85 birds ringed in the nest 50 were seen after leaving the nest. A further 19 birds were trapped and ringed as first calendar years. 14 of these 69 fledged ringed youngsters were subsequently seen in their second (or third) calendar years. 9 birds were trapped as second calendar years. 12 of the resultant 23 ringed second calendar year birds were subsequently seen in their third calendar year. One bird was seen in its fifth calendar year and appears to have successfully survived its fourth winter.

Nine of the colour-ringed birds were seen well outside the Cley Square. Three had travelled westwards along the coast as far as the Wash. One bird ringed as a nestling and another ringed as a juvenile were seen in late autumn in reedbeds in the Broads. A juvenile was later photographed at Horsey Gap and two others travelled as far south as Essex. A metal-ringed female from Suffolk bred at Weybourne and was fitted with colour-rings when subsequently trapped.

Apart from a sibling pair which remained on Kelling Heath after fledging, none of the nestlings returned to the Heath to breed but individuals were subsequently recorded breeding at sites as far apart as Weybourne, Kelling Quags, Salthouse, Cley and Dersingham Bog.
No Stonechats were proven to breed on Kelling Heath in 2013 and again in 2014, presumably due to a reduction in numbers caused by a succession of harsh winters affecting the survival of the populations breeding in North Norfolk, so it was considered an appropriate moment to bring the project to an end there. It is also expected that no more individuals will be ringed at Weybourne or other sites along the coast.

Noel asks if anyone seeing one of these birds (rather unlikely now!) could e-mail him directly at hibernans@gmail.com
and he will reply with details of the bird ASAP.

Birds should have either
a **dark green** ring above a metal one on the right leg
or
a metal one above the **dark green** ring one.
It is important to note which way round these two rings are.
The birds should have two colour rings on the left leg and these can be the same colour. The different colours first used were **dark green** (**G**), **pink** (carmine **C**), **orange** (**O**), **pale blue** (**P**), **red** (**R**), ***white*** (**W**) and **yellow** (**Y**). New colours used from 2012 were **black** (niger **N**), **dark blue** (**B**), **brown** (umber **U**), **grey** (silver **S**), **lime** (**L**) and **violet** (**V**).

Life- histories are given here for those birds that travelled away from their ringing location or survived to the following breeding season. Full details of all birds ringed and other information on the project and its results can be obtained from Noel at the e-mail address given above.

Left leg: **dark blue** over **dark blue** rings.

Right leg: **green** over metal ring no.L217130.
Abbreviated code **BB;GM**
A male.
Ringed 18/5/12 as a nestling at Cley Marshes.
One of the second brood of **UC;GM** and **MG;PP**.
Movements: Cley Marshes to 17/9/12 then Weybourne Camp 23/9/12-2/10/12, seen heading west at Salthouse Quags on 3/10/12 then at the Marrams, Blakeney Point 9/10/12. Returned to Cley Marshes 7-12/4/13 and then seen at Gramborough Hill, Salthouse and Kelling Hard 12-25/4/13. Remained at Kelling Quags and Weybourne Camp to 27/7/13.

Left leg: **brown** over **black** rings.
Right leg: **green** over metal ring no.L993663.
Abbreviated code **UN;GM**
Ringed 5/6/12 as a second calendar male at Weybourne Camp.
A very colourful *rubicola*-like individual.
Movements: First seen at Weybourne Camp 29/5/12. He was often singing but failed to find a mate and was last seen on 13/6/12.

Left leg: **brown** over **pink** rings.
Right leg: **green** over metal ring no.L217139.
Abbreviated code **UC;GM#1**
A male.
Ringed 6/7/12 as a nestling at Kelling Heath.
One of the second brood of **GM;PY** and **LC;GM**.
Movements: Seen at Kelling Heath to 7/8/12 then at Kelling Quags and Weybourne Camp from 12/9/12 to 5/11/12. Reappeared at Weybourne Camp/Kelling Quags 15/3/13-28/4/14 paired with an unringed female and breeding suspected in 2013 at Weybourne Camp but not confirmed. Also seen at Gramborough Hill, Salthouse c17/3/14. Bred again at Weybourne Camp in 2014 with what was presumed to be the same unringed female and was seen with two fledged juveniles. Reported at Weybourne again in 2015 to 26/11 and then again in 2016 from March to 24/6 when the metal ring number was read from photos.

Left leg: **brown** over **pink** rings.
Right leg: **green** over metal ring no.L217140.
Abbreviated code **UC;GM#2**
Ringed 12/7/12 as a second calendar breeding male at Arnold's Marsh, Cley Marshes.
Movements: First seen at Cley Marshes 13/10/11 paired with **MG;PP**. Stayed in the area to 17/2/13 at least. The pair ventured east to Gramborough Hill, Salthouse on 18/3/12 but chose to nest behind Arnold's Marsh and were seen feeding four fledged younsters from their first brood. One of these did not survive long but the other three did with the last sighting of one being 24/6/12. Their second brood of five nestlings were colour-ringed on 26/6/12 and the first fledged youngsters seen 5/7/12. All the nestlings fledged and the last sighting of one with its parents was on 8/8/12. Last seen with **MG;PP** on 8/1/13. Then seen at Cley Marshes from 13/2/13 to 9/7/13 initially briefly with unringed females but then alone. A bird with this combo that was seen at Gramborough Hill on 25/4/13 was thought to be this bird venturing east in search of a partner and it appears to have returned there 12-27/8/13. Seen at the east end of Blakeney Point 22/9/13 then back at Cley Marshes 23/9/13-30/10/13. A male ringed with this combo was seen irregularly at Cley Marshes 5/1/14 to 6/3/14.

Left leg: **green** over **black** rings.

Right leg: **green** over metal ring no. L993876.
Abbreviated code **GN;GM**
Ringed 29/8/12 as a juvenile male at Weybourne Camp. Parents thought to be an unringed pair that nested just to the east at the Coastguard Cottages.
Movements: Seen at Weybourne Camp from 23/7/12 usually with male **PR;MG**.

Left leg: **green** over metal ring no. N657317.
Right leg: **pale blue** over **yellow** rings.
Abbreviated code **GM;PY**
A male.
Ringed 17/5/10 as a pullus at Kelling Heath. One from the first brood of **YG;GM** and **YY-Gm**.
Movements: Overwintered on Kelling Heath and paired with his sister **WY;GM**. They bred successfully in 2011 and their two broods of 5 and 4 youngsters were colour-ringed. In 2012 he remained on Kelling Heath again and bred with a female that was subsequently ringed as **LC;GM**. Their first brood of three nestlings were colour-ringed on 18/5/12. They fledged successfully and were still present on 29/6/12 when he evicted them as they started feeding their second brood. Five youngsters fledged from this second brood. Seen there to at least 13/1/13.

Left leg: **green** over **orange** rings.
Right leg: metal ring no. N657340 over **green** ring.
Abbreviated code **GO;MG**
A female.
Ringed 25/7/10 as a pullus at Kelling Heath. One from the third brood of **RO;MG** and **CG;MG**.
Movements: Last seen at Kelling Heath 22/10/10 then seen at Beach Road, Salthouse 7+13/11/10.

Left leg: **green** over **pale blue** rings.
Right leg: metal ring no.L993287 over **green** ring.
Abbreviated code **GP;MG**
Ringed initially at Tunstall Common, Suffolk 1/6/10 with metal ring no.V872620 on right leg. Controlled 25/8/11 as an adult breeding female at Weybourne Camp, colour-ringed and fitted with new metal ring.
Movements: A female with a metal ring on its right leg first appeared at Weybourne Camp 23/6/10 and stayed to 13/7/10. What is presumed to be this same individual returned to the Camp 29/4/11 paired with **CW;GM**. They bred successfully producing three broods of 3+ youngsters. Last seen on the Camp 17/10/11.

Left leg: **green** over **pink** rings.
Right leg: **green** over metal ring no. N657227.
Abbreviated code **GC;GM**
Ringed 11/5/09 as a second calendar year male at Kelling Heath.
Movements: remained on Kelling Heath to at least 1/9/09 where it bred successfully and youngsters from its second and third broods were also colour-ringed.

Left leg: **green** over **pink** rings.
Right leg: metal ring no. N657328 over **green** ring.
Abbreviated code **GC;MG**

Ringed 21/6/10 as a second calendar year male at Kelling Heath.
Movements: It bred in 2010 producing 2 broods. The four young from the first brood failed to fledge. One of the two young from the second brood was colour-ringed. Last seen at Kelling Heath that year 6/10/10. Returned there the following year 8/3/11 to 19/10/11 but did not breed.

Left leg: **green** over **red** rings.
Right leg: metal ring no.L700470 over **green**.
Abbreviated code **GR;MG**
A male.
Ringed 20/5/11 as a juvenile at Weybourne Camp. One from the first brood of **CW;GM** and **GP;GM**.
Movements: remained at Weybourne Camp to at least 23/9/11. Returned to the Kelling Hard –Weybourne Camp area 6/3/12 to 8/9/12. Failed to find a mate and breed but was later accompanied by a succession of different juveniles. Then seen at Rockland Broad (Norfolk) 2/11/12.

Left leg: **green** over ***white*** rings.
Right leg: **green** over metal ring no.L034412.
Abbreviated code **GW;GM**
Ringed 8/8/10 as a juvenile male at Weybourne Camp.
One the young produced by **PR;GM** and **WR;GM**.
Movements: Seen at Weybourne Camp to at least 5/9/10 then seen at Cley Marshes 6/10/10 and Blakeney Freshes 7/11/10.

Left leg: **green** over ***white*** rings.
Right leg: metal ring no. L993417 over **green** ring.
Abbreviated code **GW;MG**
Ringed 21/9/11 as a first-winter male by Weybourne Hope reedbed.
Movements: Seen at Weybourne on 2/1/12 then from 16/3/12 to 29/8/12 paired with **YR;MG**. Their brood of 5 nestlings were colour-ringed on 5/6/12. It is suspected that these were from a second replacement clutch of eggs. This nest was unfortunately later predated. They had another brood with up to 3 fledged juveniles seen from 6/9/12 to 9/10/12 and one of them being trapped and colour-ringed. Remained at Weybourne Camp during the winter to 12/1/13 when snow set in and he was presumed to have succumed.

Left leg: **grey** over **dark blue** rings.
Right leg: **green** over metal ring no.L217129.
Abbreviated code **SB;GM**
Ringed 18/5/12 as a nestling at Cley Marshes.
One of the second brood of **UC;GM** and **MG;PP**.
Movements: After fledging seen just once at Cley Marshes on 9/7/12 but then seen at Kelling Quags 27/7/12.

Left leg: **lime** over **brown** rings.
Right leg: **green** over metal ring no. D055040.
Abbreviated code **LU;GM**
Ringed 6/10/12 as a first-winter female at Weybourne Camp (in the company of **VB;GM**).
Movements: Seen 7+10/10/12 at Gramborough Hill still with **VB;GM**.

Left leg: **lime** over **dark blue** rings.
Right leg: **green** over metal ring no.L217125.
Abbreviated code **LB;GM**
Ringed 1/6/12 as a nestling at Gramborough Hill, Salthouse.
One of the second brood of **VB;GM** and **WG;MG (**the first brood that fledged successfully).
Movements: Cliff top 2km E of Weybourne 22/7/12 to 25/8/12 with an unringed male trapped there on 25/8/12 and ringed as **YN;GM**.

Left leg: **lime** over **pink** rings.
Right leg: **green** over metal ring no. L217143.
Abbreviated code **LC;GM**
Ringed 11/8/12 at Kelling Heath as a second calendar year breeding female.
Movements: Arrived at Kelling Heath in 2012 staying to 26/10/12 at least. She was paired with **GM;PY** and they raised two broods of youngsters.

Left leg: metal ring no. L217116 over **green** ring.
Right leg: **pale blue** over **pale blue** rings.
Abbreviated code **MG;PP**
A female.
Ringed 4/7/11 as a pullus at Kelling Heath. One from the second brood of **GM;PY** and **WY;GM**.
Movements: Last seen at Kelling Heath 24/8/11. Then seen at Cley Marshes 28/9/11-8/1/13 initially in the company of **RR;GM** but then with an unringed male. They ventured east to Gramborough Hill, Salthouse on 18/3/12 but chose to nest behind Arnold's Marsh and were seen feeding four fledged younsters from their first brood. One of these did not survive long but the other three did with the last sighting of one being 24/6/12. Their second brood of 5 nestlings were colour-ringed on 26/6/12 and the first fledged youngsters were seen 5/7/12. All five nestlings fledged and her mate was colour-ringed as **UC;GM**. Last sighting of a juvenile with the parents was 8/8/12.

Left leg: **orange** over **brown** rings.
Right leg: **green** over metal ring no. L217138.
Abbreviated code **OU;GM**
Ringed 6/7/12 as a nestling at Kelling Heath.
One of the second brood of **GM;PY** and **LC;GM**.
Movements: remained on Kelling Heath to 7/8/12, then seen at Salthouse Heath 4/10/12 and was surprisingly only the second C-R Stonechat from Kelling Heath to be seen there!

Left leg: **orange** over **green** rings.
Right leg: **black** over metal ring no.Z057442.
Abbreviated code **OG;NM**
A female.
Ringed 3/5/16 as a nestling at Home Heath, King's Forest, Thetford Forest (Norfolk).
One of a brood of four.
Movements: Seen paired with an unringed male at Kelling Heath from 2/4/17 and then with at least 3 fledged youngsters 10/5/17.

Left leg: **orange** over **red** rings.
Right leg: metal ring no. L993319 over **green** ring.
Abbreviated code **OR;MG**

Ringed 2/9/11 as a juvenile male at Weybourne Camp. One from the first or second broods of **CW;GM** and **GP;MG**.
Movements: Seen at Weybourne Camp to October 2011 at least but then made a short visit to Kelling Heath 29/9/11-1/10/11 and is the only Weybourne-ringed Stonechat seen there so far. Seen back at Weybourne 5/10/11.

Left leg: **pale blue** over **pink** rings.
Right leg: metal over **green** ring no.N657331.
Abbreviated code **PC;MG**
A female.
Ringed 2/7/10 as a pullus at Kelling Heath. One from the second brood of **YG;GM** and **YY;GM**.
Movements: remained on Kelling Heath to 3/8/10 then seen at Cley Marshes 5/10/10.

Left leg: **pale blue** over **red** rings.
Right leg: **green** over metal ring no.X718463.
Abbreviated code **PR;GM**
Ringed 19/4/10 as a paired second calendar year male at Weybourne Camp.
Movements: Seen in the Weybourne Camp area to 28/10/10. Paired with **WR;GM**. They made three breeding attempts. It is thought that the first two nests were predated but three young fledged from the third attempt and two of these were coloured-ringed. Last seen at Blakeney Freshes 6/11/10.

Left leg: **pale blue** over **red** rings.
Right leg: metal ring no. L993320 over **green** ring.
Abbreviated code **PR;MG**
A *rubicola*-like individual.
Ringed 2/9/11 as a juvenile male at Weybourne Camp. One from the second brood of **CW;GM** and **GP;MG**.
Movements: Seen at Weybourne Camp to 6/10/11 and returned there 1/4/2012 to 9/10/12 but could not find a mate in the breeding season.

Left leg: **pink** over **dark blue** rings.
Right leg: **green** over metal ring no.L217127.
Abbreviated code **CB;GM**
Ringed 1/6/12 as a nestling at Gramborough Hill, Salthouse.
One of the second brood of **VB;GM** and **WG;MG (**the first brood that fledged successfully).
Movements: Seen at Gramborough Hill to 29/6/12 at least then at Blakeney Point ranging between the Marrams and the Lifeboat House 27/7/12 to 3/10/12.

Left leg: **pink** over **brown** rings.
Right leg: **green** over metal ring no.D409392.
Abbreviated code **CU;GM**
Ringed 24/10/13 as a first calendar year female near Weybourne Hope reedbed.
Movements: Photographed at Horsey Gap (Norfolk) 1/11/13 (42km SE).

Left leg: **pink** over **green** rings.
Right leg: metal ring no. N657321 over **green** ring.
Abbreviated code **CG;MG**
Ringed 9/6/10 as an adult female at Kelling Heath.

Movements: It was paired with **RO;MG** and bred successfully with some of the youngsters from its three broods also being colour-ringed. Seen at Kelling Heath to at least 22/9/10. Did not return in 2011.

Left leg: **pink** over **pink** rings.
Right leg: **green** over metal ring no. N657242.
Abbreviated code **CC;GM**
Ringed 22/6/09 as a pullus at Kelling Heath. One from the second brood of a pair where the male was colour-ringed (**YG;GM**).
Movements: controlled at Natural Surroundings, Bayfield Estate 18/9/09.
Distance: 5km W.

Left leg: **pink** over **red** rings.
Right leg: **green** over metal ring no. N657311.
Abbreviated code **CR;GM**
A female.
Ringed 21/8/09 as a pullus at Kelling Heath. One from the third brood of a pair where the male was the Cranwich Heath colour-ringed bird (**WC;CM**).
Movements: remained on Kelling Heath to at least 8/11/09 then seen on Salthouse Heath with a male on 12+15/11/09.
Distance: 3km E.

Left leg: **pink** over ***white*** rings.
Right leg: **green** over metal ring no.L034438.
Abbreviated code **CW;GM**
Ringed 11/8/10 as a paired adult male at Weybourne Camp.
Movements: Seen at Weybourne Camp to at least 6/9/10. Bred successfully producing at least two fledged youngsters that were coloured-ringed. Then seen at Wolferton (Norfolk) 29/11/10 (47km WSW) before returning to Weybourne Camp on 16/3/11 and pairing up with a metal-ringed female. She was eventually trapped and fitted with colour-rings **GP;GM**. They produced three broods of 3+ youngsters. He was last seen that year on 17/10/11.

Left leg: **red** over **dark blue** rings.
Right leg: **green** over metal ring no.L217122.
Abbreviated code **RB;GM**
A female.
Ringed 18/5/12 as a nestling at Kelling Heath.
One of the first brood of **GM;PY** and **LC;GM**.
Movements: Seen at Kelling Heath to 29/6/12. There was a possible sighting at Gramborough Hill, Salthouse 5/9/12 then seen at Dersingham Bog (Norfolk) 19/11/12. Found to be breeding there with an unringed male 17/4/13 and raised two broods of 5 youngsters successfully. Over-wintered there and bred again in 2014. The first attempt was unsuccessful but her second produced 4 youngsters. Bred again in 2015 and last reported there 12/9/15.

Left leg: **red** over **brown** rings.
Right leg: **green** over metal ring no. L217136.
Abbreviated code **RU;GM**
A female.
Ringed 6/7/12 as a pullus at Kelling Heath. One from the second brood of **GM;PY** and **LC;GM**.

Movements: Remained at Kelling Heath to 18/11/12 then seen east of Weybourne Cottages 19/11/12-4/1/13.

Left leg: **red** over **orange** rings.
Right leg: **green** over metal ring no. N657278.
Abbreviated code **RO;GM**
A male.
Ringed 9/7/09 as a pullus at Kelling Heath. One from the second brood of a pair where the male was the Cranwich Heath colour-ringed bird (**WC;CM**).
Movements: Remained at Kelling Heath to 22/10/09 then seen at Weybourne Camp 31/10/09 and 2/11/09 together with a female.

Left leg: **red** over **orange** rings.
Right leg: metal ring no. N657344 over **green** ring.
Abbreviated code **RO;MG**
Ringed 10/8/10 as an adult male at Kelling Heath.
Movements: He was paired with **CG;MG** and bred successfully with some of the youngsters from his three broods also being colour-ringed. Last seen at Kelling Heath 20/9/10.

Left leg: **red** over **red** rings.
Right leg: **green** over metal ring no.X718465.
Abbreviated code **RR;GM**
Ringed 19/4/10 as an unpaired second calendar year male at Weybourne Camp.
Movements: Seen at Weybourne Camp and neighbouring areas such as Kelling Water Meadow to 14/5/10 but also ventured as far west as Cley Marshes on 26/4/10 (also probably the bird seen there on 22/4/10 when the left rings were read as single red). In the autumn and winter seen irregularly at Cley Marshes again from 8/10/10 to 23/2/11 (usually with an unringed female). At the end of the winter he moved west being seen at Dersingham Bog 24/3/11 (double red read as tall red and green ring misread as blue) and 15/8/11 (photographed). Next seen at Kelling Quags on 23/9/11 then Cley Marshes (and the adjacent E end of Blakeney Point) 28/9/11-6/12/11 (initially with **MG;PP** but then with an unringed female).

Left leg: **violet** over **black** rings.
Right leg: **green** over metal ring no.L993919.
Abbreviated code **VN;GM**
A male.
Ringed 7/9/12 as a juvenile at Weybourne Camp. One from the only brood of **GW;MG** and **YR;MG** that produced fledged youngsters.
Movements: Remained at Weybourne Camp/Kelling Quags to 18/10/12 and returned there the following year 7/4/13-2/10/13 paired with **YB;GM** (first nest site located 20/4/13; second nest site located 4/6/13, two nestlings ringed and both fledged; third nest located 14/7/13 but was unsuccessful, fourth nest located 12/8/13 and subsequently seen with 4 juvs). Returned to Kelling Quags 27/2/14-25/9/14. He paired with **YB;GM** again but their first nest appeared to have been predated and the second appeared to produce just one fledged youngster. The female then left and he paired up with an unringed female at the end of the breeding season.

Left leg: **violet** over **dark blue** rings.
Right leg: **green** over metal ring no.L217128.
Abbreviated code **VB;GM**

Ringed 18/6/12 as a second calendar breeding male at Gramborough Hill (Salthouse).
A colourful *rubicola*-like individual.
Movements: First seen at Salthouse 7/5/12 paired with **WG;MG**. Their first brood was lost before the birds fledged. A seond clutch was laid and the five nestlings colour-ringed on 1/6/12. All fledged successfully and at least three of the nestlings were still with the male on 29/6/12. Third clutch laid and the two nestlings ringed 22/7/12. His mate left the area but he remained to 19/10/12 at least apart from a visit to Weybourne Camp when he picked up an unringed female companion that was soon ringed as **LU;GM**. This ringed female was, however, soon dumped in favour of another unringed one.

Left leg: ***white*** over **dark blue** rings.
Right leg: **green** over metal ring no.L217121.
Abbreviated code **WB;GM**
A male.
Ringed 18/5/12 as a nestling at Kelling Heath.
One of the first brood of **GM;PY** and **LC;GM**.
Movements: Weybourne Camp 18/7/12 to 23/9/12 then Scolt Head (Norfolk) 10/10/12.

Left leg: ***white*** over **green** rings.
Right leg: **green** over metal ring no. N657225.
Abbreviated code **WG;GM**
Ringed 9/5/09 as an adult or second calendar year female at Kelling Heath.
Movements: remained on Kelling Heath to at least 22/10/09 where she bred successfully and youngsters from her third brood were also colour-ringed.

Left leg: ***white*** over **green** rings.
Right leg: metal ring no. N657325 over **green** ring.
Abbreviated code **WG;MG**
A female.
Ringed 12/6/10 as a pullus at Kelling Heath. One from the second brood of **RO-mG** and **CG-mG**.
Movements: This brood at Kelling Heath suffered malnourishment due to the aggressive behaviour of a male Dartford Warbler towards the male parent. One youngster survived being fed by both the female and the Dartford Warbler. **WG;MG** was one of two birds that disappeared and were assumed not to have fledged. She must presumably have been taken somewhere else and fed by the male parent as she was seen the following year at Gramborough Hill, Salthouse on 23/3/12-29/7/12. She was paired with a bright unringed male later colour-ringed as **VB;GM**. Their first brood was lost before the birds fledged. A second clutch was laid and the five nestlings colour-ringed on 1/6/12. All fledged and at least three of the nestlings were still with the male on 29/6/12. A third clutch was laid and the two nestlings colour-ringed 22/7/12. She must have left the area and her partner in August and was seen later in reedbed habitat at St Olaves (Norfolk) 14/11/12-21/12/12.

Left leg: ***white*** over **orange** rings.
Right leg: metal ring no. L993125 over **green** ring.
Abbreviated code **WO;MG**
A female.
Ringed 15/7/11 as a juvenile at Weybourne Camp. One from the second brood of **CW;GM** and **GP;GM**.

Movements: Probably visited Kelling Heath on 16/9/11 (the same combo was in fact used on a juvenile at Kelling Heath but this bird was only seen once shortly after fledging). Last seen at Weybourne Camp on 23/9/11. Subsequently seen at Holland Haven (Essex) 17-18/10/11. A female seen on the border between Salthouse and Cley Marshes 31/1/12 to 4/2/12 with an unringed male may have been this bird but the observers could not agree on whether the lower left ring was red or orange.

Left leg: ***white*** over **pink** rings.
Right leg: **pink** over metal ring no V240640.
Abbreviated code **WC;CM**
A male.
Ringed 5/6/08 as a nestling at Cranwich Heath, Mundford in Thetford Forest (Norfolk).
Movements: Kelling Heath 13/3/09-28/10/09 where it bred successfully (three broods) and most of its youngsters were colour-ringed. Returned to Kelling Heath on 19/3/10 but did not stay there long. A male seen at Kelling Quags on 23/4/10 with a pink ring was thought to be this bird.
Distance: 55km.

Left leg: ***white*** over **red** rings.
Right leg: metal ring no. L993321 over **green** ring.
Abbreviated code **WR;MG**
A female.
Ringed 2/9/11 as a juvenile at Weybourne Camp. One probably from the third brood of **CW;GM** and **GP;MG**.
Movements: Seen at Weybourne Camp to at least 22/9/11 then ranging out to Salthouse 26-9-11 to 31/10/11. A female seen on the border between Salthouse and Cley Marshes 31/1/12 to 4/2/12 with an unringed male may have been this bird but the observers could not agree on whether the lower left ring was red or orange.

Left leg: ***white*** over **yellow** rings.
Right leg: **green** over metal ring no. N657319.
Abbreviated code **WY;GM**
A female.
Ringed 17/5/10 as a pullus at Kelling Heath. One from the first brood of **YG;GM** and **YY;GM**.
Movements: Remained on Kelling Heath and paired with her brother **GM;PY**. They bred successfully in 2011 and their two broods of 5 and 4 youngsters were colour-ringed. One of the first brood was not seen since fledging and another was found as a half-eaten corpse 26/5/11. Remained on Kelling Heath to at least 4/12/11.

Left leg: **yellow** over **black** rings.
Right leg: **green** over metal ring no. L993873.
Abbreviated code **YN;GM**
Ringed 25/8/12 as a second calendar year male at Spalla Gap on the cliff top 2km E of Weybourne.
Movements: Prior to ringing had over summered as an unpaired male at the western end of Sheringham golf course. Seen at Spalla Gap to 16/2/13 also visiting Denmark House, Weybourne on 10/10/12. Seen at Weybourne Camp/Kelling Quags 15/3/13 to 2/11/13 (unable to find a mate in breeding season but later paired with a female trapped and ringed as **VC;GM**).

Left leg: **yellow** over **dark blue** rings.
Right leg: **green** over metal ring no.L217120.
Abbreviated code **YB;GM**
A Female.
Ringed 18/5/12 as a nestling at Kelling Heath.
One of the first brood of **GM;PY** and **LC;GM**.
Movements: Kelling Heath to 29/6/12, Cley Marshes 26/7/12 (with the three juveniles of the resident pair **UC;GM** and **MG;PP**), then seen at Weybourne Camp 24/8/12 in the company of **GR;MG**, back at Kelling Heath 22/9/12 then at Weybourne Camp/Kelling Quags again 23/9/12 to 9/10/12. Returned to Weybourne Camp/Kelling Quags 10/4/13-18/10/13 paired with **VN**;**GM** (first nest site located 20/4/13; second nest site located 4/6/13, two nestlings ringed and both fledged; third nest located 14/7/13 but was unsuccessful, fourth nest located 12/8/13 and subsequently seen with 4 juvs). Returned to Kelling Quags 7/3/14-28/4/14 and bred with **VN**;**GM** again but they appeared to produce just one fledged youngster.
In addition an individual seen by the coastal footpath between Morston on Blakeney 19/7/12 was thought (by a process of elimination) to have probably been this bird.

Left leg: **yellow** over **green** rings.
Right leg: **green** over metal ring no. N657226.
Abbreviated code **YG;GM**
Ringed 11/5/09 as a second calendar year male at Kelling Heath.
Movements: remained on Kelling Heath to at least 22/9/09 where it bred successfully with the youngsters from its second brood also being colour-ringed. Returned to Kelling Heath 3/3/10 where it was paired with **YY;GM** and bred successfully again with the youngsters from its two broods also being colour-ringed. Last seen at Kelling Heath 22/9/10.

Left leg: **yellow** over **orange** rings.
Right leg: metal ring no. L993288 over **green** ring.
Abbreviated code **YO;MG**
Ringed 25/8/11 as a juvenile at Weybourne Camp. One from the third brood of **CW;GM** and **GP;GM**.
Movements: Cley Marshes 26/9/11.

Left leg: **yellow** over **red** rings.
Right leg: metal ring no. L993322 over **green** ring.
Abbreviated code **YR;MG**
Ringed 2/9/11 as a juvenile female at Weybourne Camp. One from the third brood of **CW;GM** and **GP;Gm**. Retrapped at Weybourne Camp on 7/9/12 and fitted with a new Red ring as the old one was badly faded.
Movements: Weybourne Camp to 24/9/11 then Rainham Marshes RSPB (Essex) 7/10/11 when seen in the company of a male (unringed). Returned to Weybourne Camp 1/4/12 and paired with **GW;MG**. Their brood of 5 nestlings were colour-ringed on 5/6/12. It is suspected that these were from a replacement clutch of eggs. The nest was unfortunately later predated. They had another brood with up to 3 fledged juveniles seen from 6/9/12 to 9/10/12 and one of them being trapped and colour-ringed. Last seen on 19/10/12.

Left leg: **yellow** over **yellow** rings.
Right leg: **green** over metal ring no. N657320.
Abbreviated code **YY;GM**

Ringed 28/5/10 as an adult female at Kelling Heath.
Movements: She was paired with **YG;GM** and bred successfully with the youngsters from her two broods also being colour-ringed. Seen at Kelling Heath to at least 22/9/10.

Northern Wheatear

A colour-ringed female was seen at Kelling Quags in April 2013 but was not definitely traced.

Left leg: **orange** over **red** over ***white*** rings.
Right leg: **pale blue** over metal rings.
A female.
Seen Kelling Quags 19/4/13.
The bird was seen well and photographed. It might have been the following individual
Left leg: **orange** over **red** over ***white*** rings.
Right leg: ***white*** over metal rings.
Ringed as a first calendar year on Fair Isle 30/6/09.
There was, however, general agreement that the ring on the right leg did not look the same colour as the white on the left leg and looked more like pale blue.

Blackbird

There are records of birds being ringed in the Square then found dead in Belgium and in Ireland. There are records of birds being found dead in the Square that had been ringed in Norway, in Denmark, in Germany, in The Netherlands and in France.

Leg: metal ring no. **JA655071**.
Ringed as a first calendar year female 13/11/14 at Grand Predembourg, Grande-Synthe, Nord-Pas-de-Calais (France 51 01N 02 17E).
Recovered: the ring only was found on Blakeney Point 4/5/16.
Distance: 235km NNW.

Metal ring no.**LA31017**.
Ringed as an adult male 19/10/15 at Garret Hill west of Morston.
Recovered: trapped by a ringer at Samson's Lane, Stronsay, Orkney 10/11/20.
Distance: 720km NNW.

Leg: metal ring no. **L208073**.
Ringed as a second calendar year male 27/2/04 Oostkapelle, Zeeland (Netherlands 51 34N 3 34E).
Found: freshly dead Blakeney 6/01/05.
Distance: 232km NW.

Leg: metal ring no.**T4967**.
Ringed as a nestling 21/5/30 at Cley.
Found dead: trapped at Castletown Bere, Co Cork (51 39N 09 55W) 15/1/31.
Distance: 759km W.

Leg: metal ring no.**X87361**.
Ringed as a male 1/12/54 at Cley.

Found dead: at Alveringhem, West-Vlaanderen, Belgium (51 10N 02 43E) 5/1/55.
Distance: 229km SSE.

Standard metal ring.
Ringed as a female in at least its second calendar year 18/10/02 Helgoland (Germany).
Found dead: Blakeney 13/11/02.
Distance: 477km WSW.

Standard metal ring.
Ringed as a female at Drevdalen, Trysil, Hedmark, Norway 6/4/06.
Found dead: Blakeney 4/12/15.
Distance: 1172km SW.

Standard metal ring.
Ringed as a female 8/4/17 at Blaavand Bird Observatory (S Jutland, Denmark).
Found dead: Walsey Hills NOA 21/10/17.
Distance: 540km WSW.

Song Thrush

Five birds ringed in the Square have been recovered on the continent, one in Denmark, two in Belgium, one in France and one in Spain.

Metal ring no.**CN78437**.
Ringed as a first calendar year 1/10/71 at Walsey Hills NOA.
Found dead: as a road casualty St Gillis-Bij-Dendermonde, Oost-Vlaanderen, Belgium (51 00N 04 06E) 13/7/72.
Distance: 301km SE.

Metal ring no.**CN78475**.
Ringed 5/10/71 at Salthouse.
Found dead: in the county of Viborg, Denmark (56 30N 09 12E) 14/10/73.
Distance: 654km NE.

Metal ring no.**P6420.**
Ringed at Kelling as a nestling on 18/4/32.
Recovered at Zeverdonck Sous Turnhout, Antwerpen, Belgium (51 18N 04 57E) 25/9/32.
Distance: 319km SE.

Standard metal ring.
Ringed 16/10/60 on Blakeney Point.
Recovered Gironde (France) December 1961.

Standard metal ring.
Ringed 6/10/66 on Blakeney Point.
Recovered Logrono (Spain) 6/1/67.

Redwing

A bird ringed on Blakeney Point 5/10/66 was recovered in France the following autumn. One ringed in Iceland was killed by a cat in Kelling and one ringed in Cleveland was fouind dead at Cley.

Metal ring no. **XC06917**
Ringed as an adult 22/1/77 at Teesmouth (Cleveland).
Found dead: Cley Marshes 21/2/78.

Metal ring no. **884063**
Ringed as an adult 22/1/77 at Einarslundur, Hofn, Hornafjordur, Austur-Skaftafellssýsla, Iceland (64 15N 15 13W).
Found dead: killed by a cat at Weynor Gardens, Kelling 12/11/08.
Distance: 1568km SE.

Standard metal ring.
Ringed 5/10/66 on Blakeney Point.
Recovered Grasse (France) 10/11/67.

Cetti's Warbler

A bird that was ringed at Weybourne in August 2011 was identified from photos taken at Cley in April 2013 and one ringed at Walsey Hills NOA was trapped a week later at Eccles-on-sea and one ringed at Walsey in May 2018 was retrapped there 3 years later.

Left leg: metal ring no. **L993217**.
Ringed 15/8/11 at Weybourne Camp as a juvenile male (MT).
Seen Cley Marshes 15-22/4/13 (ring no read from photos).

Metal ring no. **AJP8893**.
Ringed 17/4/21 at Walsey Hills NOA as a bird in at least its second calendar year.
Controlled 24/4/21 by a ringer at Eccles-on-sea (Norfolk).

Metal ring no.**ATA935**.
Ringed at Walsey Hills NOA 5/5/18 as a bird in at least its second calendar year.
Re-trapped at Walsey Hills NOA 25/5/18 then on 30/5/21 as a female with a brood patch.

Reed Warbler

A bird ringed on its wintering grounds in Guinea Bissau, West Africa was found dead at Cley in July 1988 and a juvenile colour-ringed near Fakenham was seen at Salthouse the following spring.

Left leg: **orange** over ***white*** rings.
Right leg: **blue** over metal ring no. X025601.
Seen at the Iron Road, Salthouse 6/6/11 and reported to Cley NWT visitor centre.
Ringed as a juvenile at Sculthorpe Moor, Fakenham 9/8/10.

Metal ring no**3094659** (FRP).
Ringed 2/2/87 at Uilha das Areias, Fulacunda, Guinea Bissau 11°42'N 15°37'W.
Found dead Cley 21/7/88 (hit by a car).

Distance 4823km NNE.

Dartford Warbler

A total of 15 nestlings (from four broods) were colour-ringed on Kelling Heath by Noel Elms in 2010 and 2011. The aim of the project was to establish the origins and wintering grounds of the birds colonising Kelling Heath. Eleven of these individuals were seen after fledging, eight were seen in their second calendar year and three in their third calendar year. Three individuals bred at the Heath, two of them as a sibling pair! Only one individual was ever recorded away from the Heath. After just two years it became obvious that the Heath was not a suitable site for carrying out meaningful studies into the behaviour of rare breeding birds such as these, so no attempts have been made to visit nests since and the project was terminated.

Left leg: **black** over **red** rings.
Right leg: ***white*** over metal ring no. N657335.
Abbreviated code **NR;WM**
A male.
Ringed as a pullus at Kelling Heath in 2010.
Movements: Seen at Kelling Heath to at least 16/10/10. Returned for the 2011 breeding season, initially paired up with his sibling sister **BB;NM** but it is not known if they attempted to breed. He then helped an unringed pair feed their young before taking over the female for her second brood. Last seen in 2012.

Left leg: **black** over ***white*** rings.
Right leg: **black** over metal ring no. L217113.
Abbreviated code **NW;NM**
A male.
Ringed as a pullus at Kelling Heath in 2011.
Movements: Bred at Kelling Heath in 2012 paired with his sibling **WW;NM**.

Left leg: **blue** over **blue** rings.
Right leg: **black** over metal ring no. N657338.
Abbreviated code **BB;NM**
A female.
Ringed as a pullus at Kelling Heath in 2010.
***Movements*:** Returned to Kelling Heath in 2011 and paired up with her sibling brother **NR;WM**. It is not known whether they attempted to breed but he later ended up taking over an unringed female.

Left leg: **blue** over ***white*** rings.
Right leg: **black** over metal ring no. L217111.
Abbreviated code **BW;NM**
A male.
Ringed as a pullus at Kelling Heath in 2011.
Movements: Seen in 2012 at another locality in Norfolk in its first winter.

Left leg: ***white*** over ***white*** rings.
Right leg: **black** over metal ring no. L217112.
Abbreviated code **WW;NM**

A female.
Ringed as a pullus at Kelling Heath in 2011.
Movements: Bred at Kelling Heath in 2012 paired with her sibling **NW;NM**. Seen briefly again in 2013.

Left leg: **yellow** over **red** rings.
Right leg: ***white*** over metal ring no. N657336.
Abbreviated code **YR;WM**
A male.
Ringed as a pullus at Kelling Heath in 2010.
***Movements*:** Returned to Kelling Heath in the breeding season 2012 helping the sibling pair **NW;NM** and **WW;NM** feed their young.

Lesser Whitethroat

A bird ringed in Belgium on spring migration was controlled at Salthouse one month later.

Metal ring no.**1264030** (BLB).
Ringed 25/4/81 at Wanze, Huy, Liege, Belgium (50 31N 05 13E).
Controlled Salthouse 25/5/81.
Distance: 392km NW.

Whitethroat

A bird ringed on the German Frisian Islands on spring migration in 1952 was controlled at Salthouse two months later. One ringed at Cley in 1959 was controlled later thay year in Portugal.

Metal ring no.K78254.
Ringed at Cley as a male 29/4/59.
Controlled trapped by a ringer at Porto de Lagos, Faro, Portugal **(**37 0'N 08 40W) 15/9/59.
Distance: 1920km SSW.

Standard metal ring.
Ringed 29/4/52 on the East Frisian Islands, Germany.
Controlled at Salthouse 27/6/52.

Garden Warbler

One record a youngster ringed in Belgium then killed by a cat less than 3 weeks later at Cley.

Metal ring no.**13112505** (BLB).
Ringed at de Haan, West-Vlaanderen, Belgium (51 16N 03 01E) as a first calendar year 15/8/14.
Found dead killed by a cat at Cley 2/9/14.
Distance: 230km NW.

Blackcap

Two records of birds ringed at Walsey Hills NOA in 2020 with one being controlled by a ringer in France in September that year and the other found dead in Spain in October that year. One ringed in Brussels in 2021 was controlled 11 days later at Walsey Hills NOA.

Metal ring no.**AYN7532**.
Ringed at Walsey Hills NOA as a first calendar year female 6/9/20.
Recovered found freshly dead 21/10/20 during a period of extremely bad weather at Villanunode de Valdavia, Palencia, Spain (42 30N 04 31W).
Distance: 1234km SSW.

Metal ring no.**P784696**.
Ringed at Walsey Hills NOA as a fully grown individual 26/7/20.
Controlled by a ringer as a full grown male 17/9/20 at Tour aux Moutons, Donges, Loire-Atlantique, France (47 19N 02 04W).
Distance: 665km SSW.

Metal ring no.**16975250 (Bruxelles)**.
Ringed at Jonkershove, West-Vlaanderen, belgium as a second calendar year male 1/5/21.
Controlled at Walsey Hills NOA 12/5/21.
Distance: 255km NNW.

Chiffchaff

A bird ringed at Walsey Hills NOA in September 2020 was caught again there at the end of March the following year. One ringed in Ireland in September 2020 was controlled at Walsey Hills NOA the following April.

Metal ring no.**KKX846**.
Ringed at Walsey Hills NOA as a juvenile 18/9/20.
Re-trapped at Walsey Hills NOA 31/3/21.

Metal ring no.**LRR441**.
Ringed at Owenahincha, Cork, Ireland as a first calendar year 18/9/20.
Controlled at Walsey Hills NOA 4/4/21.
Distance: 702km ENE.

Willow Warbler

A bird ringed at Cley on spring migration was recovered in Clackmannanshire, Scotland a month later.

Standard metal ring.
Ringed 6/5/55 at Cley.
Recovered Clackmannanshire, Scotland 11/6/55.

Spotted Flycatcher

A nestling ringed at Kelling in 1958 was trapped in Spain the following year.

Metal ring no.**E86120**.
Ringed at Kelling as a nestling 22/6/58.
Controlled trapped at Eneriz, Puente de la Reina, Navarra, Spain (42 40N 01 49W) 14/9/59.
Distance: 1162km SSW.

Pied Flycatcher

A bird ringed on Blakeney Point on autumn migration was recovered in Navarra, Spain later that autumn (no dates given). A first calendar male ringed in Germany in 1967 was found dead in 1970 at Morston.

Metal ring no.**0431842**.
Ringed at as a first calendar year male at Mellum, Ostfriesische Inseln, Germany (53 43N 08 09E) 22/8/67.
Found dead as a road victim at Morston 15/5/70.
Distance: 484km W.

Bearded Tit

Three birds ringed in Kent were controlled in the Square. Two of them returned to Kent but the other moved to King's Lynn. One ringed at Salthouse was controlled in Kent.

Metal ring no.**JK14547**.
Ringed at Murston, Kent as a first calendar year male 17/6/72.
Controlled trapped by a ringer at Cley Marshes 31/10/72.
Distance: 174km N.

Metal ring no.**JN41104**.
Ringed at Salthouse as a first calendar year female 22/8/72.
Controlled trapped by a ringer near Wennington Marshes, Rainham, Kent 20/1/74.

Standard metal ring: bird 3.
Ringed at Murston, Kent in June 1972.
Controlled Salthouse in October 1972 then breeding at Murston May 1973.

Standard metal ring: bird 4.
Ringed at Murston, Kent in June 1972.
Controlled Salthouse in October 1972 (with bird3) then Kings Lynn March 1973.

Long-tailed Tit

One unfortunate bird that hit one of the Cley Marshes Visitor Centre windows.

Metal ring no.**KKX581**.

Ringed 5/10/19 at Walsey Hills NOA.
Found dead at Cley Marshes after hitting one of the visitor centre's windows 20/1/20.

Blue Tit

Two birds ringed at Langham were later controlled further west in North Norfolk and one ringed to the west was later controlled at Walsey Hills NOA.

Standard metal ring: **P884070**.
Ringed as a first calendar year at Langham 31/8/01.
Controlled Brancaster Staithe 3/12/01.
Distance: 19km W.

Standard metal ring: **P884178**.
Ringed at Langham 17/12/01.
Controlled Burnham Market 3/12/01 and retrapped 23/11/02, 6/9/03 and 22/1/05.
Distance: 20km W.

Standard metal ring: **AJJ7962**.
Ringed as a first calendar year female at Houghton Park (Norfolk) 6/9/20.
Controlled at Walsey Hills NOA 4/10/20.
Distance: 33km ENE.

Great Tit

A bird ringed in the Netherlands in 1971 was controlled at Salthouse eight days later.

Metal ring no.**S549360**.
Ringed at Westenschouven, The Netherlands 21/10/71.
Controlled Salthouse 29/10/71.
Distance: 229km NW.

Magpie

A nestling ringed at Salthouse was recovered at Warham.

Jackdaw

A bird ringed at Salthouse was recovered 10 years later in Sweden.

Standard metal ring.
Ringed Salthouse 27/12/66.
Recovered at Skaraborg, Sweden 1/5/76

Rook

A bird ringed as a nestling in Germany was shot at Cley five years later.

Metal ring no. **D56656**.

Ringed as a nestling 13/5/33 at Niendorf, Insel Poel, Mecklenburg – Vorpommern, Germany (53 58N 11 27E).
Recovered shot at Cley 26/10/38.
Distance 699km W.

Starling

A bird from the continent (believed to be from Germany) was controlled by Keith Edwards at Langham. Another ringed on Fair Isle was found dead on Blakeney Point less than a fortnight later.

Metal ring no.**CX14789**.
Ringed on Fair Isle 27/3/63.
Controlled Found dead in a building on Blakeney Point 9/4/63.
Distance: 746km SSE.

House Sparrow

An adult male ringed at Salthouse in August 1961 was found dead at Walsey Hills in March 1968.

Metal ring no. **BA04404**.
Ringed as an adult male at Salthouse 1/8/61.
Found dead at Walsey Hills NOA 7/3/68.

Tree Sparrow

A bird ringed at Cley was recovered in Germany nearly a year later and was the first recovery of a British-ringed Tree Sparrow on the continent. Another seen and photographed in a Cley garden was probably ringed a good bit further north on the East coast of England.

Metal ring no. **E16678**.
Ringed Cley 15/12/57.
Found dead near Rheine, Munster, Germany (52 16N 07 25E) 19/11/58.
Distance 473km WSW.

Right leg: metal ring no. **S8 . . 852** (two numbers not visible) (London)
Seen+photographed Cley 17/3/20
Unfortunately BTO Recoveries found that there are six Tree Sparrows that would fit but five of them were ringed at ringing stations between Skegness and Teesside.

Chaffinch

One ringed in Norway was caught by a ringer at Kelling and one ringed as an adult in Belgium was found dead six years later at Blakeney.

Metal ring no. **E563925** (NOS).
Ringed at Monstermyr, Flekkefjord,Vest-Agder, Norway (58°16'N 6°33'E) 13/10/95.
Controlled caught by a ringer at Kelling 4/11/95.

Distance 684km SSW.

Metal ring no. **11464847** (BLB).
Ringed as an adult female at Ternat, Brabant, Belgium (50 52N 04 10E) 14/10/09.
Found dead at Blakeney 24/12/15.
Distance 316km NW.

Greenfinch

Two birds ringed at Langham were later controlled further west in North Norfolk and another ringed by Moss Tatlor at Weybourne was also recovered to the west at Langham the following year.

Metal ring no. **TB 62911**.
Ringed as a male in at least its second calendar year at Langham 5/11/03.
Controlled Burnham Market 10/3/07.
Distance: 20km W.

Metal ring no. **TC 02485**.
Ringed as a first calendar year female at Langham 8/9/04.
Controlled Brancaster 9/12/05 then retrapped near Burnham Market 11/2/06.
Distance: 20km W.

Metal ring no. **TJ 12774**.
Ringed as a first calendar year male by Moss Taylor at Weybourne 8/10/08.
Controlled found dazed or ill at Langham 8/9/10 and released alive.
Distance: 11km W.

Goldfinch

One was ringed as a first calendar year at Walsey Hills NOA in September 2020 then controlled by a ringer in Sussex six weeks later.

Metal ring no.**ABK9722**.
Ringed as a first calendar year at Walsey Hills NOA 20/9/20.
Controlled at Icklesham (E Sussex) 3/11/20.
Distance: 228km.

Siskin

A bird ringed at Natural Surroundings, Glandford in March was controlled in the Scottish Highlands in the following July.

Standard BTO metal ring.
Ringed Natural Surroundings, Glandford 16/3/09.
Controlled at Ballgraggan, Highland Region, Scotland 2/7/09.
Distance: 627km.

Linnet

A bird ringed at Salthouse was recovered in Italy the following year and one ringed as a nestling at Cley was found dead in Spain in the autumn.

Metal ring no.**B35167**.
Ringed as a female Salthouse 29/11/53.
Found dead trapped at Vicenza, Italy (45 33N 11 34E) 10/11/54.
Distance 1119km SE.

Metal ring no.B**46740**.
Ringed as a nestling Cley 6/6/54.
Found dead in Cadiz, Spain (36 10N 05 19W) 22/10/54.
Distance 1931km SSW.

Twite

Fourteen birds fitted with a combination of coloured leg-rings have been seen. All but one were ringed in the Pennines but may not necessarily come from the local breeding population as migrants also pass through there. Many birds in this scheme do not have a unique combination of rings. In these cases the colour combination gives the ringing location, season and year only. The other individual is thought to have probably been ringed in Suffolk.

Left leg: **blue** over metal ring no. X647905
Right leg: **green** over **green** rings.
Ringed as a nestling by the RSPB 4/6/10 at Chelburn Moor (Gtr Manchester 53 57N 01 01E)
Movements: Blakeney Freshes 8/12/12.
Distance: 221km ESE.

Left leg: **carmine (pink)** ring over **blue** over **yellow** split ring.
Right leg: metal ring.
Ringed in the post-breeding season 2006 (after July) at Light Hazzles Reservoir, Calderdale (SD9619). Birds in this ringing scheme can be either from the local population or birds that arrive in the annual influx to the S Pennines in October.
Seen by the River Glaven adjacent to Blakeney Freshmarsh on 4 dates 22/11/06 to 7/2/07.

Left leg: **carmine (pink)** ring over metal ring S109826.
Right leg: **carmine (pink)** ring over **blue** ring.
Ringed as an adult 13/9/16 at Dove Holes, Derbyshire.
Movements: Marrams, Blakeney Point 23/10/16 and Dunwich Pools (Suffolk) 30/10/16.

Left leg: **carmine (pink)** ring over metal ring S109834.
Right leg: **carmine (pink)** ring over **carmine (pink)** ring.
Ringed as a juvenile 13/9/16 at Dove Holes, Derbyshire.
Movements: Marrams, Blakeney Point 23/10/16.

Left leg: **carmine (pink)** ring over metal ring.
Right leg: **yellow** ring over **umber (brown)** ring.
Ringed in September 2019 at Dove Holes Quarry (Derbyshire).
Movements: Blakeney Point 8/12/20 then Hatfield Moors (Doncaster) in January 2021.

Left leg: **grey** ring over metal ring.
Right leg: ***white*** over **green** rings.
Ringed as a 1cy in Derbyshire.
Seen Blakeney Freshes 16/11/18-15/2/19.

Left leg: **red** over ***white*** split ring over **carmine (pink)** ring.
Right leg: metal ring.
Ringed between July and November 2009 at Deer Hill Reservoir, Marsden, Huddersfield in the South Pennines.
Seen Kelling Quags 8/11/09 along with a second ringed bird that had the same or a similar combination.

Left leg: **red** over ***white*** split ring over **carmine (pink)** ring.
Right leg: metal ring over **yellow** over **blue** split ring.
Ringed in September 2009 at Rishworth Quarry, Halifax in the South Pennines.
Seen Cley West Bank 11+14/12/09 and at the east end of Blakeney Point (Chapel Flats) 7/3/10 and 16/11/11.

Left leg: ***white*** ring over **red** ring.
Right leg: metal ring.
Ringed probably at Dingle Marshes (Suffolk) but no further information currently available.
Seen Hen Reedbed, Walberswick (Suffolk) 7/11/04 and Morston Quay 7/3/08.

Left leg: ***white*** over **red** split ring over **carmine (pink)** ring.
Right leg: metal ring.
Ringed 9/08/09 at Whiteholme Reservoir above Littleborough on the Lancs/Yorks border in the South Pennines.
Seen Cley West Bank 11+14+24/12/09, east end of Blakeney Point 20/2/10.

Left leg: **yellow** ring over metal ring..
Right leg: **yellow** ring over **red** ring.
Ringed .
Seen: Blakeney Point 9/12/20.

Left leg: **yellow** over **blue** split ring over **carmine (pink)** ring.
Right leg: metal ring.
Ringed between Jan and May 2007 at Warley Reservoir (SE0231) north of Halifax in the South Pennines.
Seen Morston Quay 3/12/07 and 7/3/08.

Left leg: **yellow** over **blue** split ring over **red** ring.
Right leg: metal ring.
Ringed between July and Dec 2007 at Cant Clough (SD8930) in the South Pennines.
Seen Morston Quay 3/12/07 and 7/3/08.

Combination not specified

Unspecified colour-rings plus metal ring no.**Z380532**.

Ringed as a first calendar year at Booth Wood Reservoir, Rishworth (West Yorkshire) as a juvenile 29/9/14
Movements: Salthouse Marshes 19/1/15.

Combination incomplete/uncertain

Left leg: **blue** or **red** over ***white*** split ring over **carmine (pink)** ring.
Right leg: metal ring.
Ringed in 2008 or 2009 at Deer Hill Reservoir, Marsden, Huddersfield in the South Pennines.
Seen Kelling Quags 8/11/09 along with a second individual where the split ring was definitely red over white.

Left leg: **grey** ring over **red** ring.
Right leg: colour-ring over metal ring (this leg not seen).
Ringed at Cant Clough Reservoir (SD8930) near Burnley in the South Pennines on 4 or 6/6/04. One of two broods of 5 ringed at this site that year.
Seen Blakeney Point 14/12/07.
Possibly the individual with a red ring over the metal ring on the right leg as this has been seen in the Thornham area each winter except 2007-8. It returns to Cant Clough each summer and was last reported there in April 2007.

Left leg: metal ring (possibly a blue ring below).
Right leg: **red** over ***white*** split ring over **carmine (pink)** ring.
Seen Blakeney Point (Chapel Flats) 20/2/10

Left leg: **yellow** over metal(?) ring (lower ring mainly hidden in shingle and was read as blue)
Right leg: **orange** over ***white*** rings
Seen: Salthouse Marshes 7/1/15.
Assuming that the lower left ring was in fact the metal one then it will have been the following bird
Ringed Rishworth Moor (S Yorks) as a juvenile 29/9/14
Movements: No other sightings since being ringed.

Left leg: **yellow** ring over metal ring.
Right leg: **yellow** ring over **red** ring.
Ringed probably near Rishworth Moor (W Yorks) in July 2020.
Seen: Blakeney Point 8+9/12/20 (left leg not seen on first date and rings on right leg thought to have been noted the wrong way round on second date).

Lesser Redpoll

One was ringed as a first calendar year at Walsey Hills NOA in October 2020 then controlled by a ringer in the Netherlands six days later. Another bird ringed the same day was controlled the following April in Thetford Forest.

Metal ring no.**AYN7755**.
Ringed as a first calendar year at Walsey Hills NOA 16/10/20.
Controlled caught by a ringer at Lauwersoog, De Marne, Groningen, The Netherlands (53°22'N 6°12'E) 22/10/20.
Distance 346km E.

Metal ring no.**AYN7785**.
Ringed as a first calendar year at Walsey Hills NOA 16/10/20.
Controlled caught by a ringer in Thetford Forest, Brandon (Suffolk) 15/4/21.
Distance 64km SSW.

Redpoll (Common or Lesser *flammea or cabaret*)

A Redpoll that was not assigned to species was ringed as a second calendar year at Kelling in March 2009 then controlled by a ringer in Norway in April 2010.

Metal ring no.**X637174**.
Ringed as a second calendar year at Kelling 21/3/09.
Controlled caught by a ringer at Remoy, Heroy, More and Romsdal, Norway (62°22'N 5°40'E) 24/4/10.
Distance 1082km NNE.

Snow Bunting

There are several older records. A bird ringed in Belgium and one from the Netherlands were trapped at Salthouse and another Dutch-ringed bird from the Netherlands has been seen at Cley. At least seven of the birds ringed at Salthouse have subsequently been found, one in Germany, one on Fair Isle, one in the Scottish Borders and the four others at locations along the east coast of England.

More recently seven birds colour-ringed at Kessingland (Suffolk) at the end of 2011 were seen on the shingle bank between Cley and Salthouse that same winter. Four of these birds had been previously caught and fitted with metal rings only at Caister (Norfolk). Another Caister-ringed bird was found dead at Salthouse with discarded fishing line round its legs. A male colour-ringed at Calais in February 2015 was photographed at Cley Marshes three weeks later. Another Suffolk bird, colour-ringed at Lowestoft, was photographed two months later at Cley in March 2015.

Left leg: ***white*** ring with black code **20**.
Right leg: metal ring no. **SY54719** (Paris)
A male of race *insulae.*
Ringed 2/2/15 as a second calendar year at Calais (France 50 58N 01 53E)
Movements: Cley Marshes 24/2/15.

Left leg: metal ring no. **TP72813**.
Right leg: **Yellow ring** with code **HB**.
A female of race *insulae.*
Ringed initially on 17/12/11 at Caister (Norfolk) as a first-winter.
controlled 22/12/11 at Kessingland beach (Suffolk) and fitted with colour-ring.
Movements: Salthouse 25/1/12-23/2/12.

Left leg: metal ring no. **TP72837**
Right leg: **Yellow ring** with code **HC**.
A female of race *nivalis.*

Ringed initially on 17/12/11 at Caister (Norfolk) as a first-winter.
controlled 22/12/11 at Kessingland beach (Suffolk) and fitted with colour-ring.
Movements: Salthouse 24/2/12 and Cley Marshes 1-3/3/12.

Left leg: metal ring no. **TJ64997**.
Right leg: **Yellow ring** with code **HK**.
A female of race *insulae.*
Ringed 22/12/11 at Kessingland beach (Suffolk).
Movements: Salthouse 14/1/12-2/3/12.

Left leg: metal ring **TP72844**.
Right leg: **Yellow ring** with code **H7**.
A female of race *nivalis.*
Ringed initially on 17/12/11 at Caister (Norfolk) as a first-winter.
controlled 22/12/11 at Kessingland beach (Suffolk) and fitted with colour-ring.
Movements: Cley Marshes 17/1/12, Salthouse 11-23/2/12 and Cley Marshes 1/3/12.

Left leg: metal ring .
Right leg: **Yellow ring** with code **H9**.
A male of race *nivalis.*
Ringed 22/12/11 at Kessingland beach (Suffolk) as a first-winter.
Movements: Salthouse 23/2/12.

Left leg: metal ring no. **TP72807**.
Right leg: **Yellow ring** with code **IC**.
Ringed initially on 17/12/11 at Caister (Norfolk) as a first-winter.
controlled 22/12/11 at Kessingland beach (Suffolk) and fitted with colour-ring.
Movements: Salthouse 13+23/2/12.

Left leg: metal ring no. **TJ664832**.
Right leg: **Yellow ring** with code **I7**.
A female of race *nivalis.*
Ringed 8/2/12 at Kessingland beach (Suffolk) as a first-winter.
Movements: Salthouse 1/3/12.

Left leg: metal ring no. **TS56737**.
Right leg: **Yellow ring** with code **PS**.
A female of race *nivalis.*
Ringed 4/1/15 at Pakefield beach (Lowestoft, Suffolk) as a first-winter.
Movements: Cley Marshes 4-18/3/15.

Combination of colour-rings not specified

Unspecified colour-rings plus metal ring no.**VP19897**.
Ringed as an adult female near Salthouse 2/12/95.
Controlled seen 25/1/98 at Bremerhaven, Bremen, Germany (53 31N 08 34E).
Distance: 502km E.

Unspecified colour-rings plus metal ring no.**VR98582**.
Ringed as a first calendar year female near Salthouse 5/12/97.

Controlled seen 17/3/98 at Hvolsvollur, Rangárvallasýsla, Iceland: (63 45N 20 30W).
Distance: 1731km NW.

Unspecified colour-rings plus metal ring no.**VS42563**.
Ringed as a first calendar year male near Salthouse 28/11/98.
Controlled seen 21/2/00 at Blakksvik, Hofn, Hornafjordur, Austur-Skaftafellssýsla, Iceland (64 15N 15 13W).
Distance: 1566km NW.

Unspecified colour-rings plus metal ring no.**V377874** (NLA).
Ringed as a second calendar year female Tzummarum, Waddenzeedijk, Friesland, The Netherlands (53 15N 05 31E) 14/1/08.
Controlled seen 19/3/08 at Cley.
Distance: 301km W.

Individuals with metal ring only

Metal ring no.**B887349** (NLA).
Ringed as a first calendar year female 5/12/96 at Castricum Duinen, Noor Holland, The Netherlands (52 33N 04 37E).
Controlled caught by a ringer at Salthouse 17/2/97 and 24/1/98.
Distance: 241km W.

Metal ring no.**TP72755**.
Ringed 12/11/11 at Caister (Norfolk) as a female first-winter.
Found Dead Salthouse beach 16/1/12 with fishing line round its legs.
Distance: 55km NW.

Metal ring no.**VP19652**.
Ringed as a second calendar year female near Salthouse 9/1/95.
Retrapped by a ringer near Salthouse 23/1/00.

Metal ring no.**VX48273**.
Ringed as a second calendar year female near Salthouse 24/1/98.
Controlled by a ringer on Fair Isle 25/3/98.

Metal ring no.**4077871** (BLB).
Ringed as a first calendar year female 15/12/97 at Zeebrugge, West-Vlaanderen, Belgium (51 1'N 03 12E).
Controlled caught by a ringer near Salthouse 16/1/99.
Distance: 241km WNW.

Standard metal ring.
Ringed in November 1993 at Salthouse.
Found Foulness (Essex) in January 1994.

Standard metal ring.
Ringed in 1996 at Salthouse.
Found Great Yarmouth in 1999.

Standard metal ring.
Ringed 14/2/97 at Salthouse.
Controlled near Mablethorpe (Lincs) the following day 15/2/97.

Standard metal ring.
Ringed in early 1999 at Salthouse.
Found Filey (N Yorks) 26 days later.

Standard metal ring.
Ringed as a second calendar year female 23/1/00 at Salthouse.
Controlled Coldingham (Borders) 12/03/00.

Right leg: metal ring no. **V377874**.
Ringed as a second calendar year female 14/1/08 at Oosterbierum (east of Leeuwarden) in the N Netherlands (53 15N 05 30E).
Seen Cley Eye Field 19/3/08.

Yellowhammer

A bird ringed at Salthouse was recovered in Lincolnshire and one ringed in Suffolk was controlled on Blakeney Point.There are few movements between counties recorded for this species.

Standard metal ring.
Ringed Boyton (Suffolk) 9/2/69.
Controlled at Blakeney Point 4/5/59.

Standard metal ring.
Ringed Salthouse 10/10/71.
Recovered at North Sommercoates (Lincs) 28/1/73.