

ILLUSTRATED KEY FOR BLACK-TAILED GODWITS' COLOUR RING SCHEMES



N. CIDRAES-VIEIRA

VERSION 7 – MAY 2021

COVER PHOTOS

R6BYBY - Dutch. Photo: Jurgen Rotteveel

R8-YR – Icelandic. Photo: Les Foster 2012

BN-O//B – Scottish. Photo: Henk Hin 2013

ROG-RNR – Kent, UK. Photo: Russell Sherriff

RL-O= - Northern Ireland. Photo: Jonathan Clark

NY-OfY – French. Photo: Bryan Wright

ACKNOWLEDGEMENTS.

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CONTACT

New schemes, updates, corrections and new information on schemes please send it to [limosalimosa\(you know what to put here\)sapo.pt](mailto:limosalimosa@you-know-what-to-put-here.sapo.pt)

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PREFACE

This is the seventh edition of the *Illustrated key for Black-tailed Godwit colour ring schemes*. The information was updated, new schemes added, and names recoded – unique country schemes and umbrella schemes were renamed with the two-letter country codes.

As on previous versions, schemes without confirmed information were not included. They will be included as soon as information about them became available from ringers and scheme coordinators.

This version includes some schemes with no ringed birds from programs expected to begin running on 2021 and 2022.

Several older schemes with no expected birds alive were excluded.

NOTES ABOUT SIGHTS
(Things to have in mind when seeing a ringed bird)

Discoloured rings – some **colours can change with time or become dirty**. White is the most problematic colour, as it easily turns yellowish, or even reddish. On other hand, light-coloured rings can become whitish.

Some colours are difficult to distinguish, especially with poor light conditions. The most confusing colours are:
dark green - dark blue - black;
yellow - orange – red;
light blue (pale) - light green (lime)

Ring size - It's important to **pay attention on the size and shape of rings**. Most observers don't care about it, but in some cases this is a very good help to scheme identification.

Flags - From the wrong angle, flags-rings can appear as a normal colour ring **(more easily than thought!)**

Engraved rings – some have one or more letters and/or number on it. Dots and stripes are also used.

Tarsometatarsus rings - below ankle ("knee") rings are difficult to see, especially small dark rings.

Lost rings –not common, but some cases are known to happen.

Don't forget! **Bird's left leg it's only on your left side if you are looking the bird from back**

HOW TO INTERPRET THE DRAWINGS

Each drawing indicates all possible combination of rings to the represented scheme. Figure 1 explains a hypothetical scheme.

Grey arrows – indicates rings that could have alternative positions and indicates the possible positions it can be.

A Multicolour ring represents a ring position that could receive several colours. The multicolour ring is painted with all possible colours for that particular position.

On drawings' right side is showing all possible colours to all positions. Metal ring is only present on right side if included as part of the scheme.

L and R refer to Left and Right bird legs. When absent, legs could be switched.

Drawings were done on scale when information about ring size is available (drawings without the 5 mm scale symbol aren't on scale).

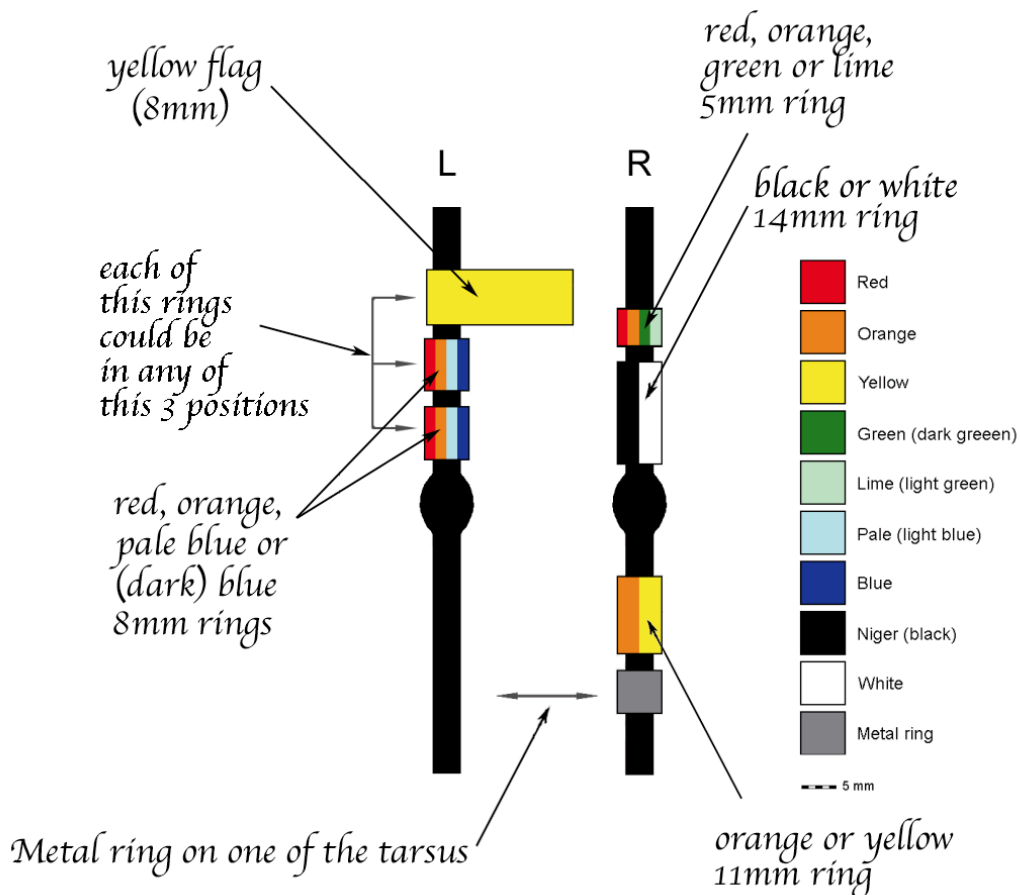


Figure 1 – drawing explanation based on a hypothetical scheme

REPORTING SIGHTS

WHERE TO SEND OBSERVATIONS

Information on sights should be sent to the **ringer** and to the **National Ringing Authority** of the country where the bird was observed. If you don't know which ringer should be contacted, you can send it to the [International Wader Study Group](#) (IWSG) or to the [EURING](#).

COLOUR CODES

Colours are represented by letters. Most people use the coding from EURING but others codes are also used, which unfortunately can result in mismatches. Table below lists the codes for the 9 most commonly used colours and 5 barely used colours. Grey can be light or dark but there's no independent code. Usually grey rings are the metal ring from the National Ringing Authority also coded as "m".

COLOUR	INTERNATIONAL (EURING)	FRENCH
RED	R	R
ORANGE	O	O
YELLOW	Y	J
GREEN (DARK GREEN)	G	V
LIME (LIGHT GREEN)	L	P
PALE (LIGHT BLUE)	P	
BLUE (DARK BLUE)	B	B
BLACK (NIGER)	N	N
WHITE	W	WH
DARK PINK (CARMIN)	C	
PURPLE (VIOLET)	V	M
LIGHT PINK	K	
BROWN (UMBER)	U	
GREY (SILVER)	S	

SYSTEMS OF REPRESENTING RINGS COMBINATIONS

There are several ways to write ring combinations. This section described some of the ways used to report Black-tailed godwit sights.

Absolute positions

Figure 2 shows absolute positions of rings. This system is mainly used on databases but it could help to understand the filling of webforms and by what we mean by *Above Knee*¹ and *Below Knee*. In this case, and in opposition to all others systems, rings are read down-up

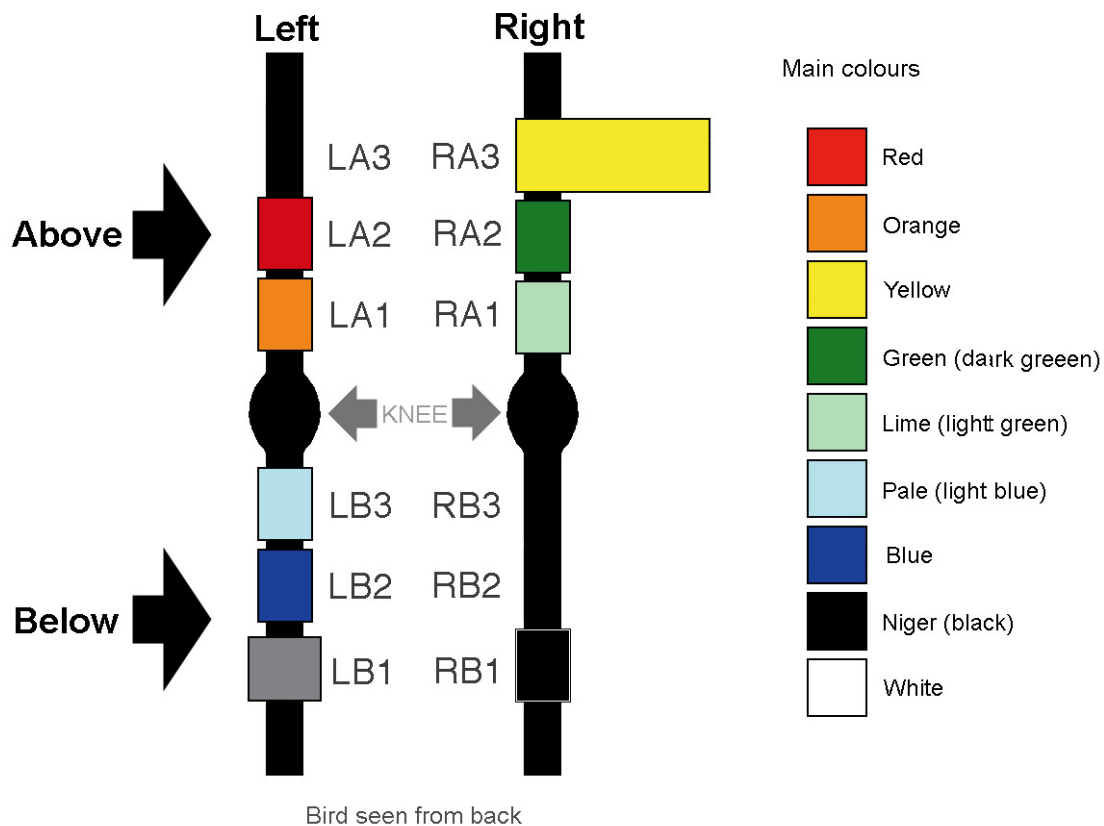


Figure 2 – Absolute positions explanation based on a hypothetical scheme. Each leg has 3 possible positions on tibia (above knee) and 3 possible positions on tarsus (below knee). But not all positions will have rings. Positions are numbered upwards and include metal rings. In this example there's only one ring on right tarsus (position RB1), and 2 on left tibia (Orange on LA1 and Red on LA2). While left tarsus and right tibia have all 3 positions full.

¹ It's usually referred as knee or ankle but has no exact match on human's anatomy. It splits the leg in *tibiatarisus* (commonly referred as tibia) and *tarsometatarsus* (commonly referred as tarsus)

IWSG system

Always begin by left leg rings. Rings on left and right legs separated by a plus (+) or a minus (-)

Above and below knee rings are separated by a slash² (/)

Each ring position separated by a comma (,)

Rings written from top to down

See figure 3 for examples

Simplified system

Same as before but with no commas. Usually rings on left and right legs separated by a minus (-)

See figure 3 for examples

Simplified computer friendly system

Same IWSG, without commas, always a minus (-) for legs and a plus (+), instead of slash (/), to knee

See figure 3 for examples

RUG³ system

Only applies to the RUG schemes. First letter is the flag colour followed by a number that gives flag position. Then all other 4 rings from downwards, first left then right leg.

See figure 3 for examples

French (Moeze-Oléron)

Always begin by left leg rings. Rings on left and right legs separated by two slash (//)

Each ring position separated by a slash (/)

Rings written from top to down

There is no symbol for knee once the birds ringed at Moeze-Oléron haven't rings on tarsus.

² Some people uses two slashes (//)

³ University of Groningen, Netherlands

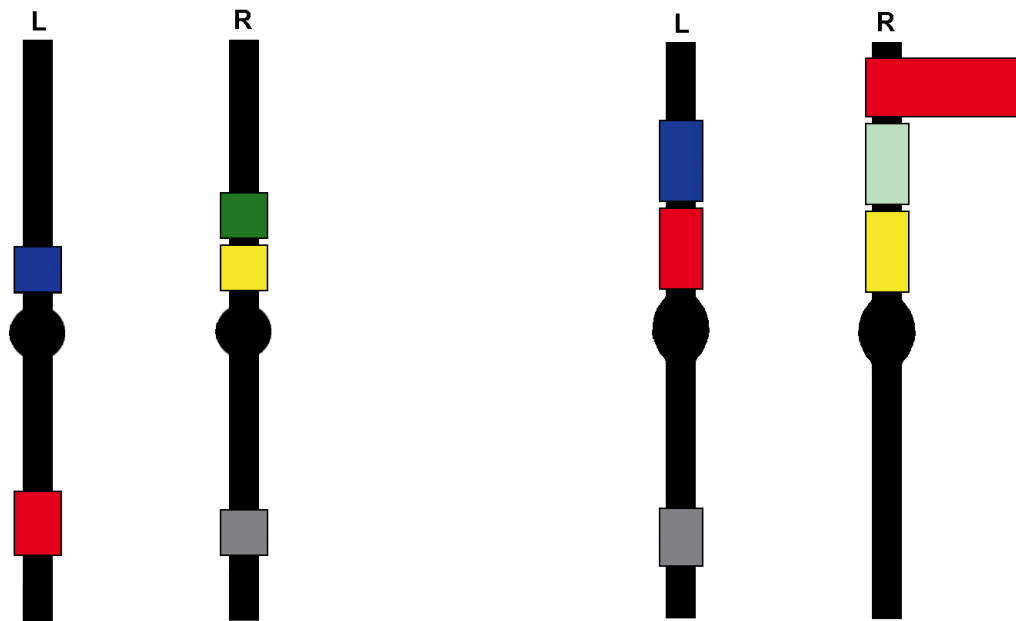


Figure 3 – examples on ring combinations. On left, example 1, from Pott's The Solent scheme. On right, example 2, a red flag (R2) from RUG's scheme.

IWSG/EURING

example 1 - ,,B/,,R-,G,Y/,,m (or ,,B/,,R+,G,Y/,,m)

example 2 - $\text{,B,R/,,m-Rf,L,Y/,,,}$ (or $\text{,B,R/,,m+Rf,L,Y/,,,}$)

Simplified system

example 1 - B/R-GY/m

example 2 - BR/m-RfLY

Simplified computer friendly system

example 1 - B+R-GY+m

example 2 - BR+m-RfLY

RUG system



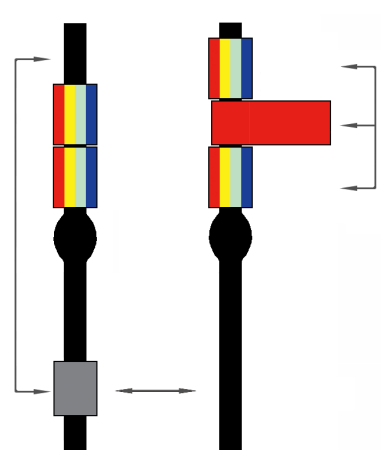




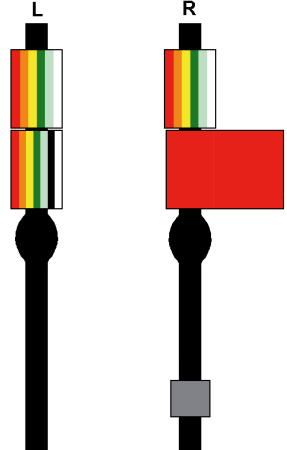







Example 2 - R2BRLY


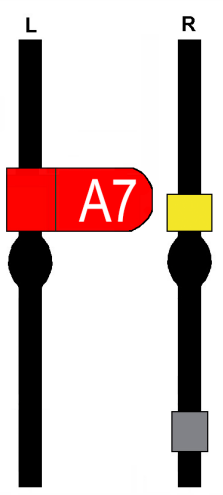


KEY TO RINGED BLACK-TAILED GODWITS

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1. WITH FLAG

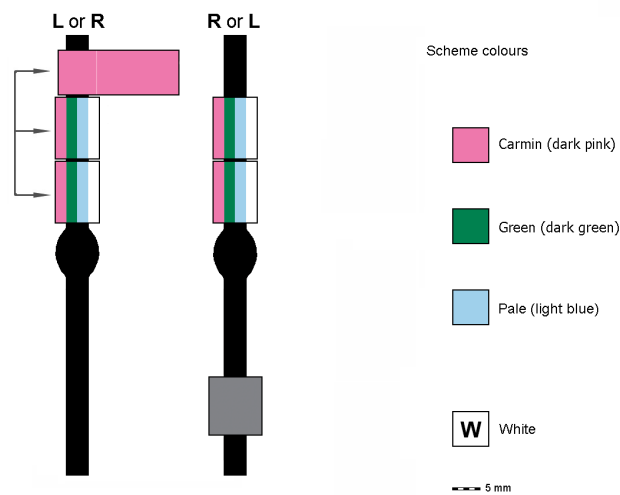
1.1 - RED FLAG

 <p>NL2 (R1-R6) Jos Hooijmeijer - j.c.hooijmeijer_rug.nl Location: Nederland (Outside SW Friesland) Breeding adults & chicks Subspecies: <i>limosa</i> 2004 - See note on Y flag</p>	 <p>IS2 Tomas Gunnarsson - icelandwader@gmail.com Location: Iceland Chicks Subspecies: <i>islandica</i> 1999 - 2009 Ring height: 10 mm or 14 mm Drawing: 14 mm (for 10 mm see L flag)</p>
 <p>Scheme colours</p> <ul style="list-style-type: none">  Red  Yellow  Lime (light green)  Blue <p>--- 5 mm</p>	 <p>Scheme colours</p> <ul style="list-style-type: none">  Red  Orange  Yellow  Green (dark green)  Lime (light green)  Niger (black)  White <p>--- 5 mm</p>

 <p>HU1 Zsolt Karcza - ringers_mme.hu Location: Hungary Adults & chicks Subspecies: <i>limosa</i> 2019 - Ring height: 7 mm, flag 11 mm</p>	 <p>Scheme colours</p> <ul style="list-style-type: none">  Red  Yellow <p>--- 5 mm</p>
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1.2 – CARMIN FLAG

 **NL8 (C1-C6)**
Jos Hooijmeijer - j.c.hooijmeijer@rug.nl
Location: SW Friesland – Nederland
Breeding adults and big chicks
Subspecies: *limosa*
2015 –
Ring height: 11 mm



L or R **R or L**

Scheme colours

-  Carmin (dark pink)
-  Green (dark green)
-  Pale (light blue)
-  White



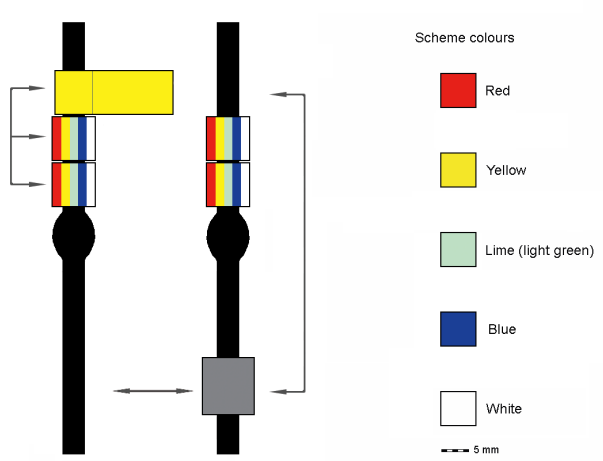





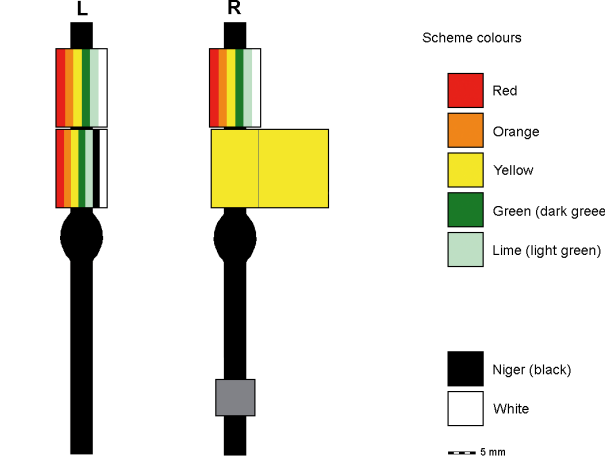







5 mm



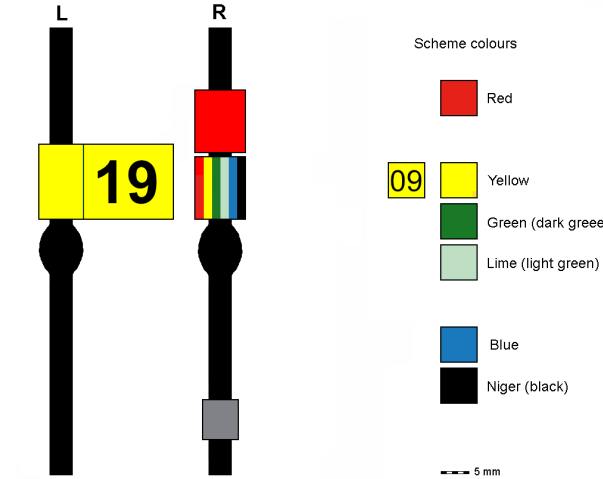






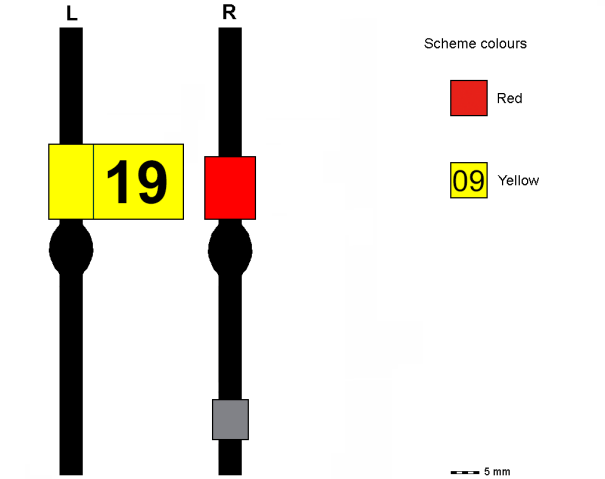


1.3 - ORANGE FLAG

<p>RNMO1 Pierre Rousseau – loic.jomat_lpo.fr https://www.bargeaqueuenoire.org/base-limicoles/ Location: Moeze Oléron - France Migrating birds Subspecies: <i>islandica</i> 2002</p>	<p>RNMO2 Pierre Rousseau – loic.jomat_lpo.fr https://www.bargeaqueuenoire.org/base-limicoles/ Location: Moeze Oléron - France Migrating birds Subspecies: <i>islandica</i> (& <i>limosa</i>) 2004 - 2008 Never two rings same colour on same leg</p>

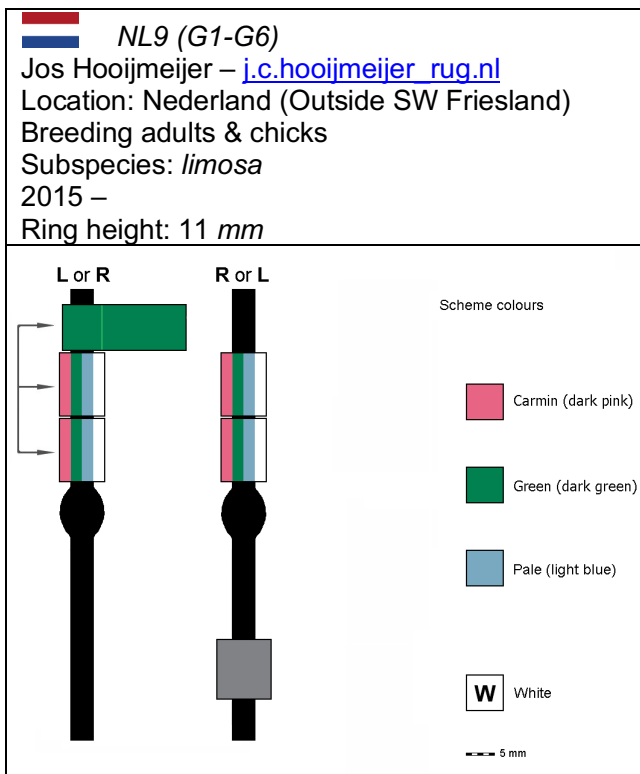
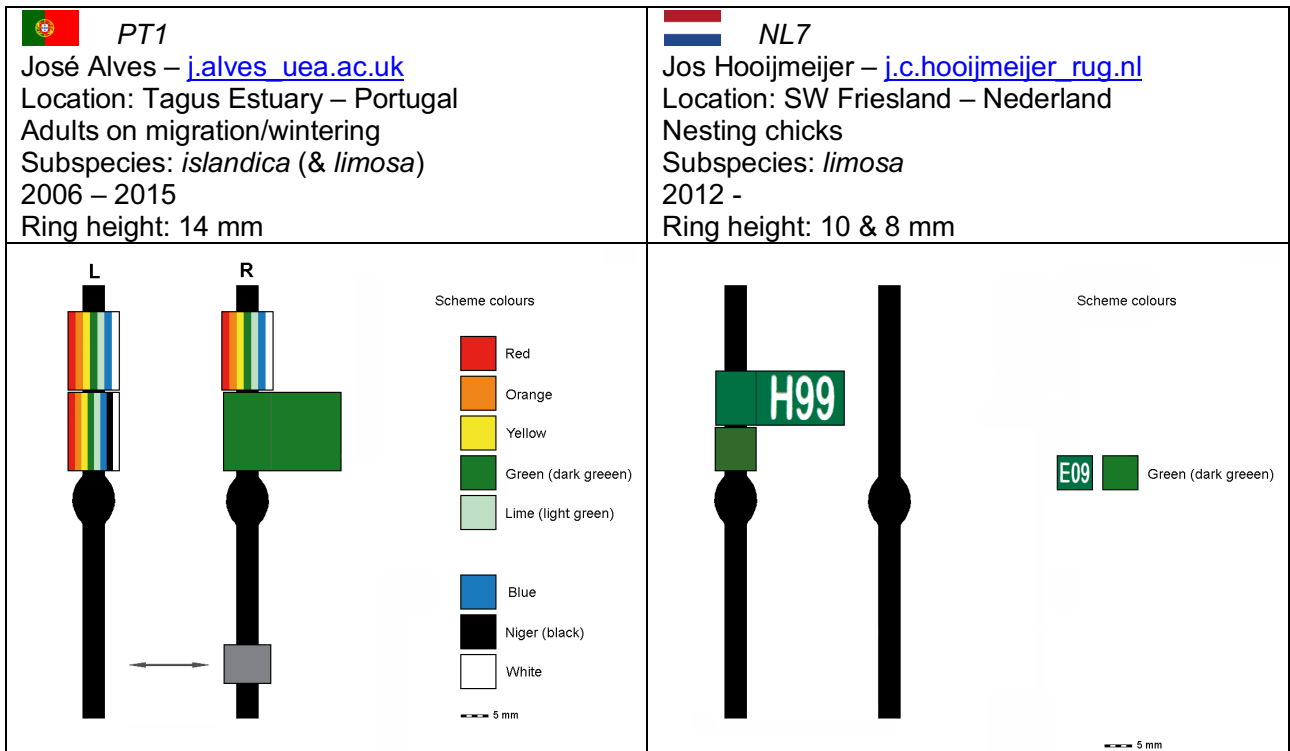
<p>RNMO3 Pierre Rousseau – loic.jomat_lpo.fr https://www.bargeaqueuenoire.org/base-limicoles/ Location: France - Moeze Oléron & Golf de Morbihan (OfR) Migrating birds Subspecies: <i>islandica</i> (& <i>limosa</i>) 2007 - 2017 Never two rings same colour on same leg</p>	<p>FR1 Frédéric Robin – frobin02_gmail.com https://www.bargeaqueuenoire.org/base-limicoles/ Location: Marais Breton – France Breeding birds Subspecies: <i>limosa</i> (& <i>islandica</i>) 2012 - Ring height: 15 mm Never two rings same colour on not flagged leg</p>

1.4 – YELLOW FLAG



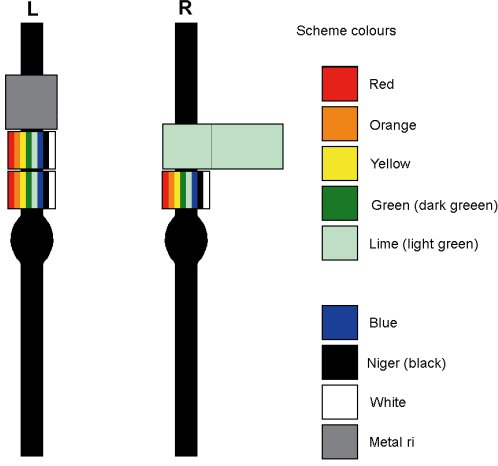









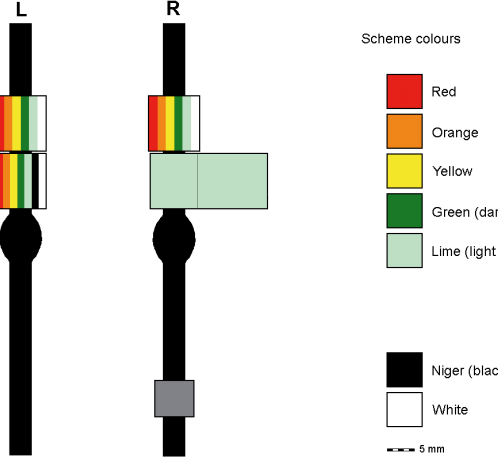







<p> NL1 (Y1-Y6) Jos Hooijmeijer – j.c.hooijmeijer_rug.nl Location: Friesland – Nederland Nesting adults & chicks Subspecies: <i>limosa</i> 2004 – Ring height: 8 mm (2004/05) or 11 mm (2006 -) Drawing: 8 mm (for 11 mm see L, R or B flag drawings) Note: white only with flag on top left position Note: lime never with flag on top left</p>	<p> IS10 Tomas Gunnarsson - icelandwader@gmail.com Location: Iceland Chicks Subspecies: <i>islandica</i> 2012 - Ring height: 14 mm</p>
 <p style="text-align: center;">Scheme colours</p> <ul style="list-style-type: none">  Red  Yellow  Lime (light green)  Blue  White <p style="text-align: center;">--- 5 mm</p>	 <p style="text-align: center;">Scheme colours</p> <ul style="list-style-type: none">  Red  Orange  Yellow  Green (dark green)  Lime (light green)  Niger (black)  White <p style="text-align: center;">--- 5 mm</p>



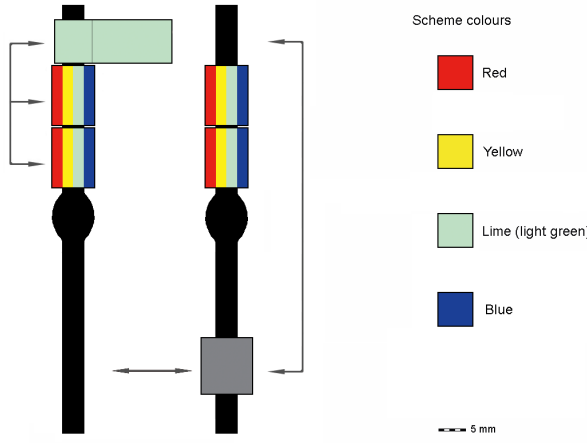




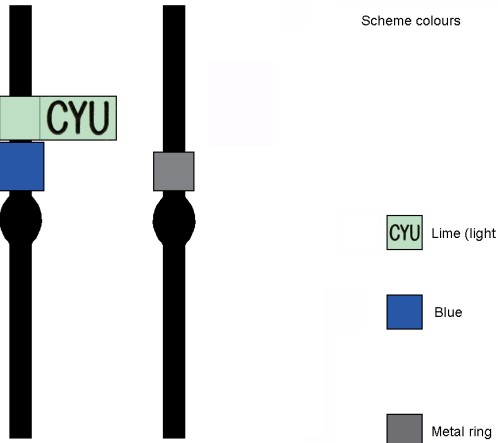



<p> EE1 Hannes Pehlak – hannes@xenus.ee Location: Estonia Nesting females Subspecies: <i>limosa</i> 2017 – Ring height: 11 mm, flag 13 mm</p>	<p> EE2 Hannes Pehlak – hannes@xenus.ee Location: Estonia Nesting adults & chicks Subspecies: <i>limosa</i> 2017 – Ring height: 11 mm, flag 13 mm</p>
 <p style="text-align: center;">Scheme colours</p> <ul style="list-style-type: none">  Red  Yellow  Green (dark green)  Lime (light green)  Blue  Niger (black) <p style="text-align: center;">--- 5 mm</p>	 <p style="text-align: center;">Scheme colours</p> <ul style="list-style-type: none">  Red  Yellow <p style="text-align: center;">--- 5 mm</p>

1.5 – (DARK) GREEN FLAG

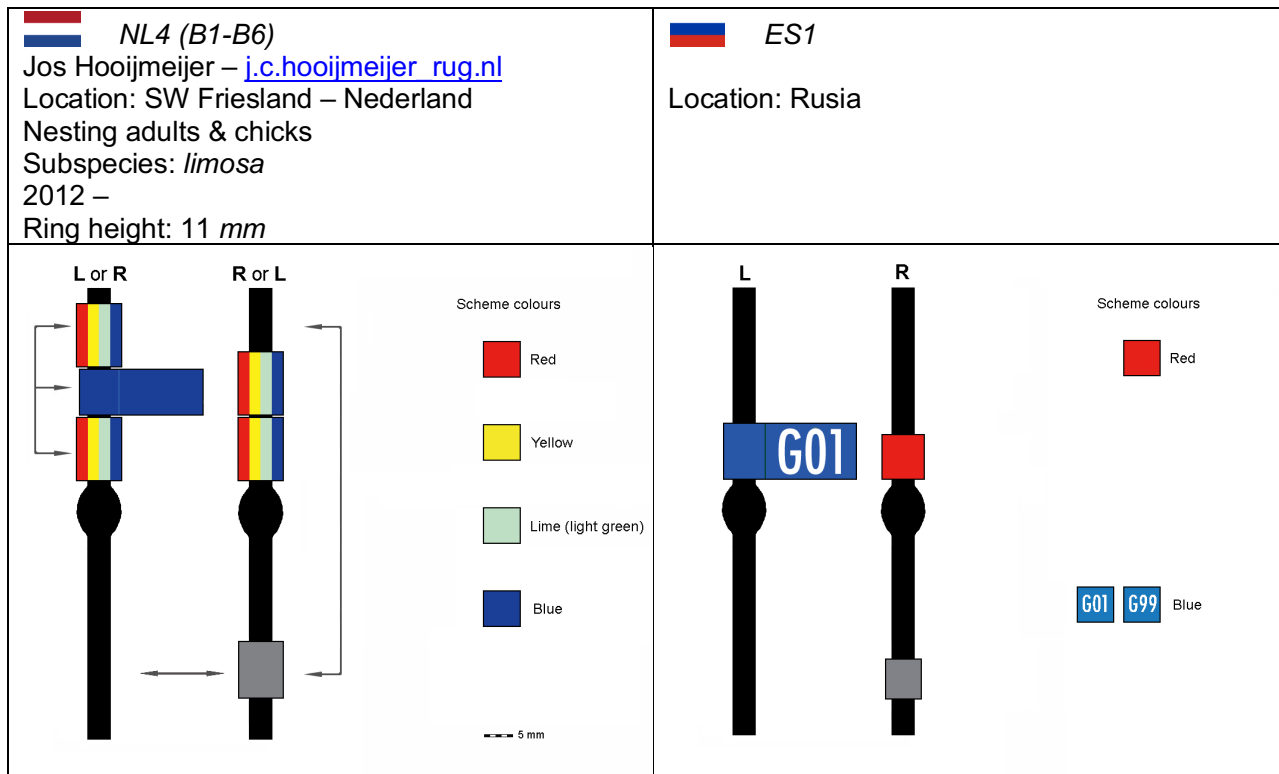


1.6 – LIME (LIGHT GREEN) FLAG

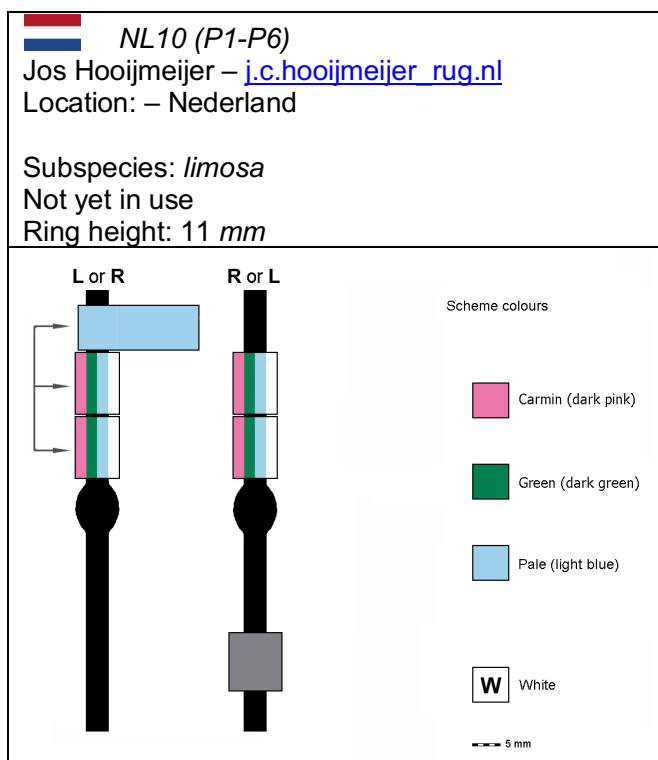
<p> JM1 José Gómez-Pantoja – abadjm_unex.es Location: Extremadura – España Adults on migration/wintering Subspecies: <i>limosa</i> & <i>islandica</i> 2005 – 2013 Ring height: 7 mm</p>	<p> IS1 Tomas Gunnarsson - icelandwader@gmail.com Location: Iceland Chicks Subspecies: <i>islandica</i> 2005 – 2006 Ring height: 10 mm or 14 mm Drawing: 10 mm (for 14 mm see R flag)</p>
 <p style="text-align: center;">Scheme colours</p> <ul style="list-style-type: none">  Red  Orange  Yellow  Green (dark green)  Lime (light green) <ul style="list-style-type: none">  Blue  Niger (black)  White  Metal ri <p style="text-align: center;">--- 5 mm</p>	 <p style="text-align: center;">Scheme colours</p> <ul style="list-style-type: none">  Red  Orange  Yellow  Green (dark green)  Lime (light green) <ul style="list-style-type: none">  Niger (black)  White <p style="text-align: center;">--- 5 mm</p>

<p> NL3 (L1-L6) Jos Hooijmeijer – j.c.hooijmeijer_rug.nl Location: Nederland, Portugal & Spain Adults on migration/wintering Subspecies: <i>limosa</i> (<i>islandica</i>) 2007 – Ring height: 11 mm</p>	<p> NL6 Jos Hooijmeijer – j.c.hooijmeijer_rug.nl Location: SW Friesland – Nederland Nesting chicks Subspecies: <i>limosa</i> 2009 - Ring height: 8 mm</p>
 <p style="text-align: center;">Scheme colours</p> <ul style="list-style-type: none">  Red  Yellow  Lime (light green)  Blue <p style="text-align: center;">--- 5 mm</p>	 <p style="text-align: center;">Scheme colours</p> <ul style="list-style-type: none">  CYU Lime (light green)  Blue  Metal ring <p style="text-align: center;">--- 5 mm</p>



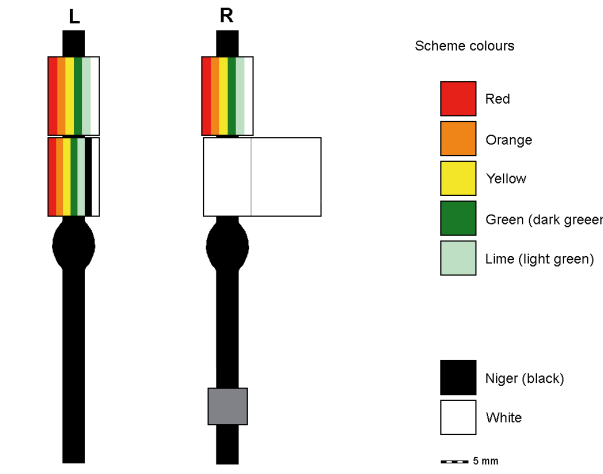
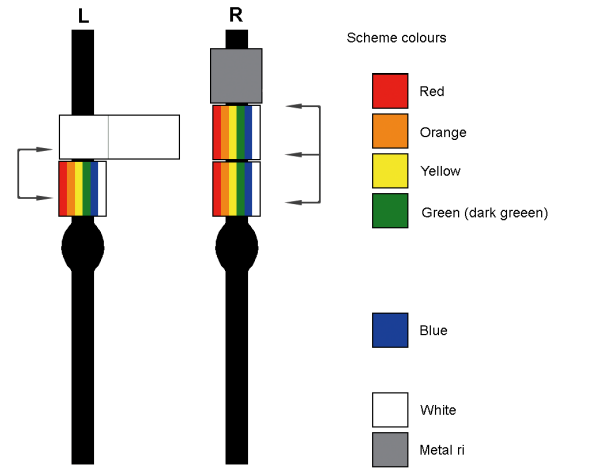
1.7 – (DARK) BLUE FLAG



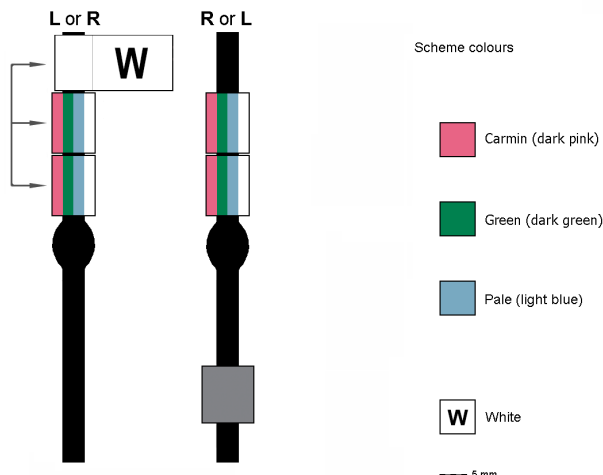
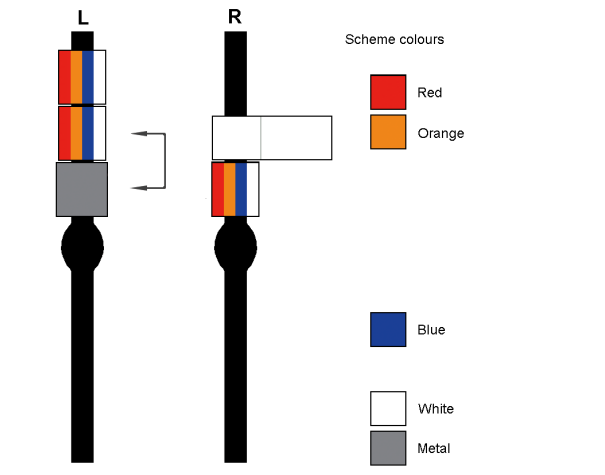


1.8 – PALE (BLUE) FLAG



1.9 – WHITE FLAG

 <p>IS9 Tomas Gunnarsson - icelandwader@gmail.com Location: Iceland Chicks (also a few adults) Subspecies: <i>islandica</i> 2010 – 2012 Ring height: 14 mm</p>	 <p>JM2 José Gómez-Pantoja – abadjm_unex.es Location: Extremadura – España Adults on migration/wintering Subspecies: <i>limosa</i> & <i>islandica</i> 2013 – Ring height: 10 mm, flag 8 mm</p>
	

 <p>NL11 (W1-W6) Jos Hooijmeijer – j.c.hooijmeijer_rug.nl Location: – Nederland Subspecies: <i>limosa</i> Not yet in use Ring height: 11 mm</p>	 <p>JM4 José Gómez-Pantoja – abadjm_unex.es Location: Extremadura – España Adults on migration/wintering Subspecies: <i>limosa</i> & <i>islandica</i> 2020 - Ring height: 10 mm, flag 7 mm</p>
	



RSPB6

Jennifer Smart – Jennifer.Smart_rspb.org.uk

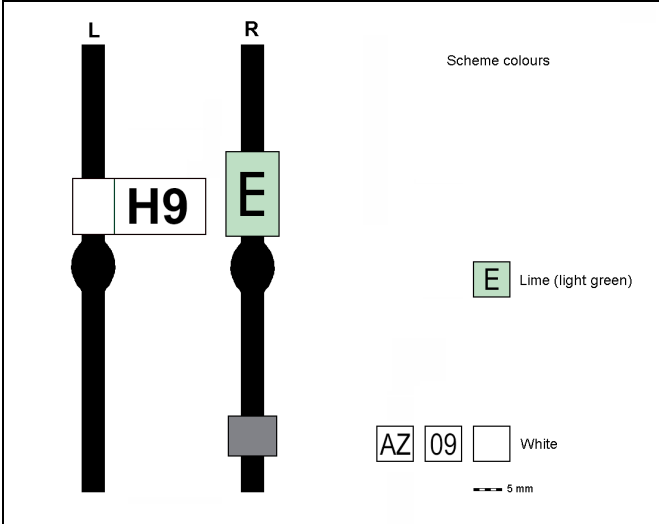
Location: UK

Breeding birds

Subspecies: *limosa*

2018 -

Ring height: 14 mm



1.10 – BLACK FLAG



HWRG1

Ian Nicholson – ian.n1000_tinternet.com

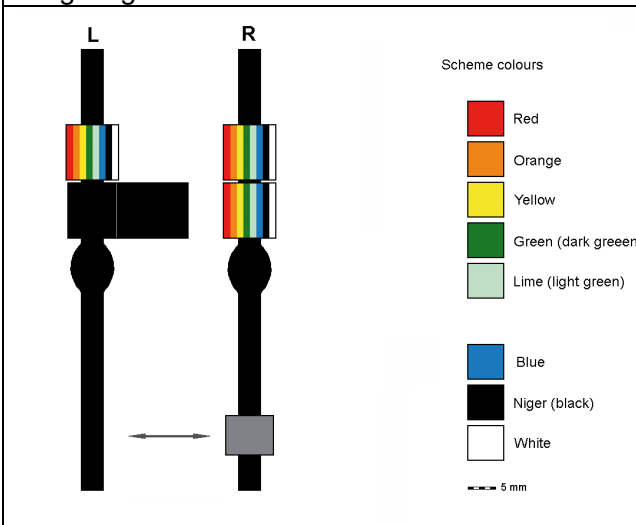
Location: Humber estuary, England - UK

Adults

Subspecies: *islandica*

2014 -

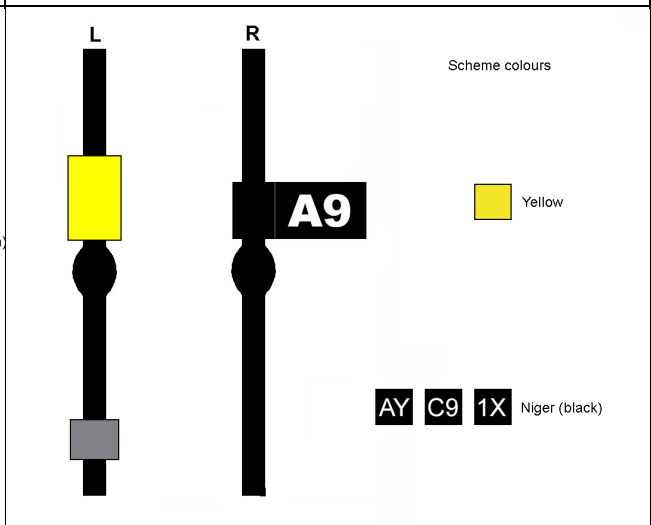
Ring height: 10 mm



PL1



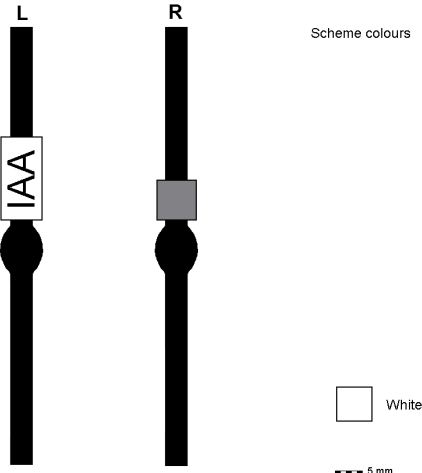
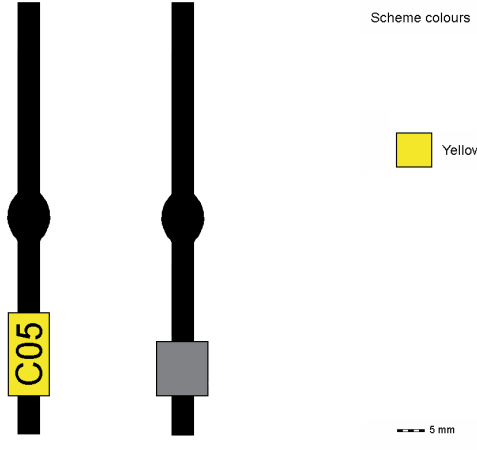
Location: Poland


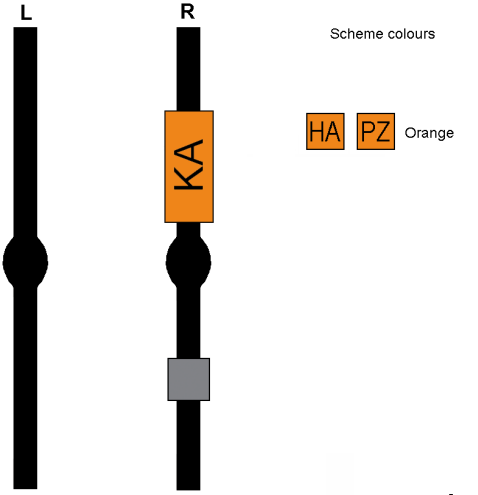
ring.stornit.gda.pl





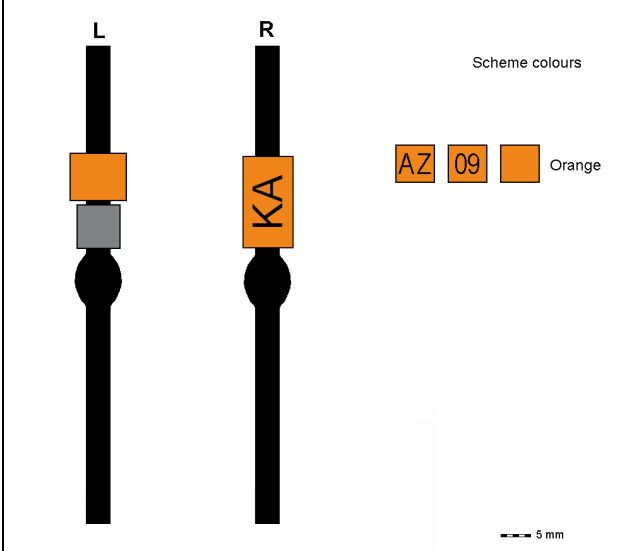
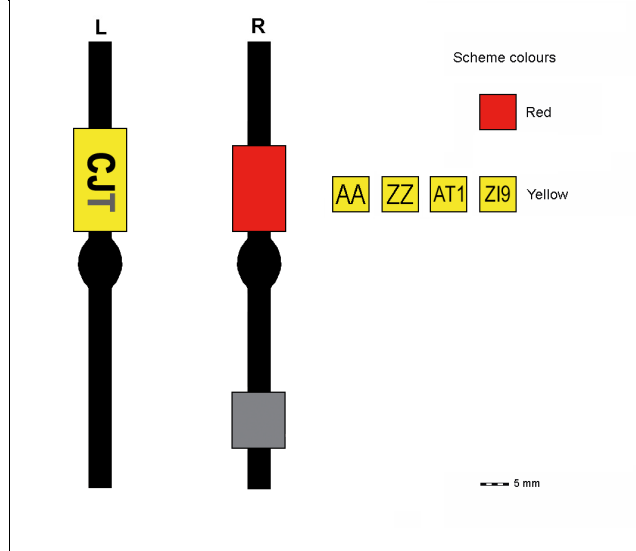
2. WITHOUT FLAG, WITH ENGRAVED RINGS



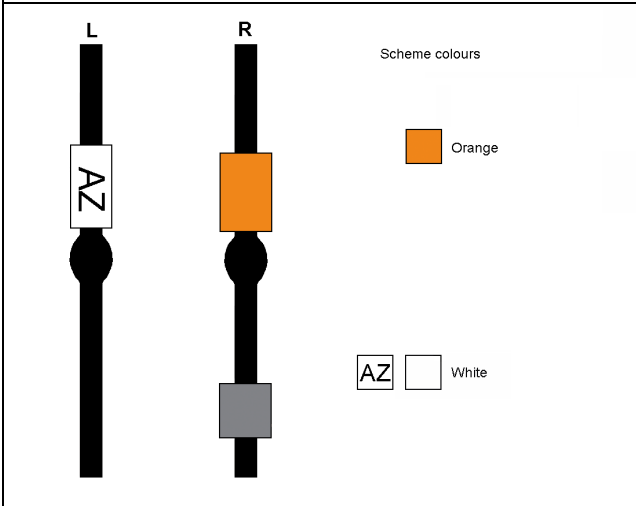
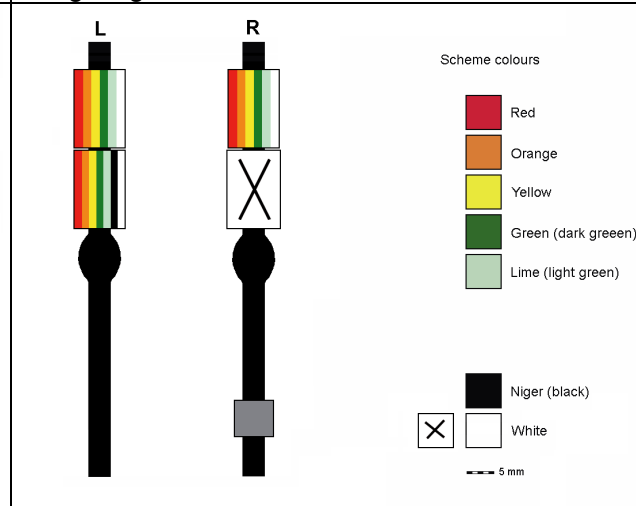
2.1 – ONLY ENGRAVED RINGS (& METAL)


<p> MP1 Marco Pavia – marco.pavia.unito.it Location: Piedmont/ Vercelli – Italie Chicks Subspecies: <i>limosa</i> 2004 - 2010 Ring height: 15 mm Note: letters from IAA until IZZ</p>	<p> F11 Jari Valkama – ring.luomus.fi https://loydos.luomus.fi/forms/rengasloyto?language=en Location: Finland Chicks Subspecies: <i>limosa</i> 2004</p>
	

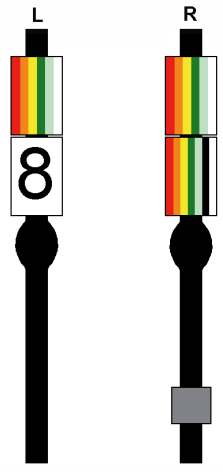
<p> BY1 Pavel Pinchuk – ppinchuk@mail.ru Location: Belarus Subspecies: <i>limosa</i> 2008 - 2013 Ring height: 20 mm</p>


2.2 WITH ENGRAVED RINGS + OTHER COLOUR RINGS (& METAL)






<p> BY2 Pavel Pinchuk – ppinchuk@mail.ru Natalia Karlionova – karlionova.tut.by Location: Belarus</p> <p>Subspecies: <i>limosa</i> 2015 - Ring height: 7.5 mm; engraved 15 mm</p>	<p> FI2 Jari Valkama – ring.luomus.fi https://loydos.luomus.fi/forms/rengasloyto?language=en Location: Finland Adults & chicks Subspecies: <i>limosa</i> 2014 - Ring height: 15, 18 & 23 mm 2 or 3 letters/numbers</p>
	



<p> SE1 Richard Ottvall - richard.ottvall@gmail.com Location: Sweden</p> <p>Subspecies: <i>limosa</i> 2015 -</p>	<p> IS3 Tomas Gunnarsson - icelandwader@gmail.com Location: Iceland Adults Subspecies: <i>islandica</i> 2002 – 2012 Ring height: 14 mm</p>
	


 **IS8**
 Tomas Gunnarsson - icelandwader@gmail.com
 Location: Iceland
 Adults
 Subspecies: *islandica*
 2010 -
 Ring height: 14 mm




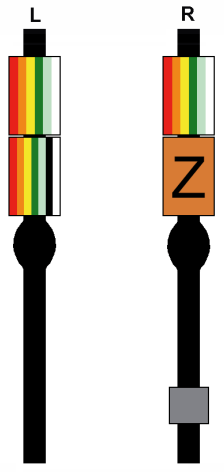
Scheme colours

-  Red
-  Orange
-  Yellow
-  Green (dark green)
-  Lime (light green)






 Niger (black)
 White



 5 mm


 **IS11**
 Tomas Gunnarsson - icelandwader@gmail.com
 Location: Iceland
 Adults
 Subspecies: *islandica*
 2012 -
 Ring height: 14 mm




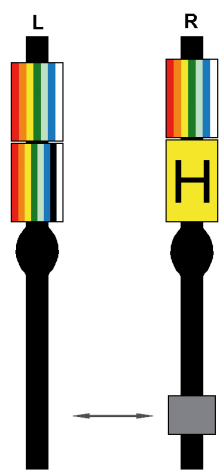
Scheme colours

-  Red
-  Orange
-  Yellow
-  Green (dark green)
-  Lime (light green)






 Niger (black)
 White




 5 mm


 **PT2**
 José Alves – j.alves@uea.ac.uk
 Location: Tagus Estuary – Portugal
 Adults on migration/wintering
 Subspecies: *islandica* (& *limosa*)
 2015 -
 Ring height: 14 mm




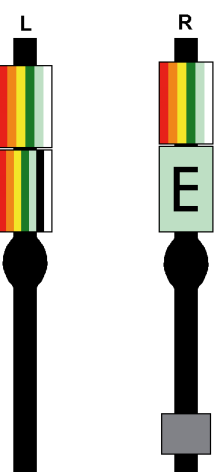
Scheme colours

-  Red
-  Orange
-  Yellow
-  Green (dark green)
-  Lime (light green)






 Blue
 Niger (black)
 White



 5 mm


 **RSPB5**
 Jennifer Smart – Jennifer.Smart@rspb.org.uk
 Location: UK
 Breeding birds
 Subspecies: *limosa*
 2015 -
 Ring height: 14 mm





Scheme colours

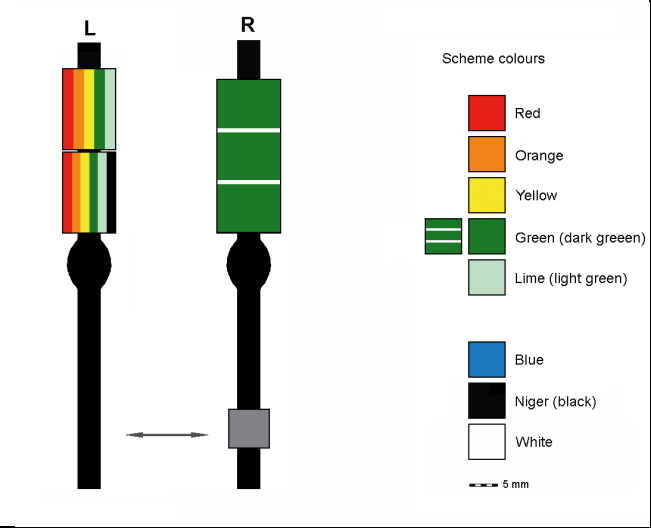
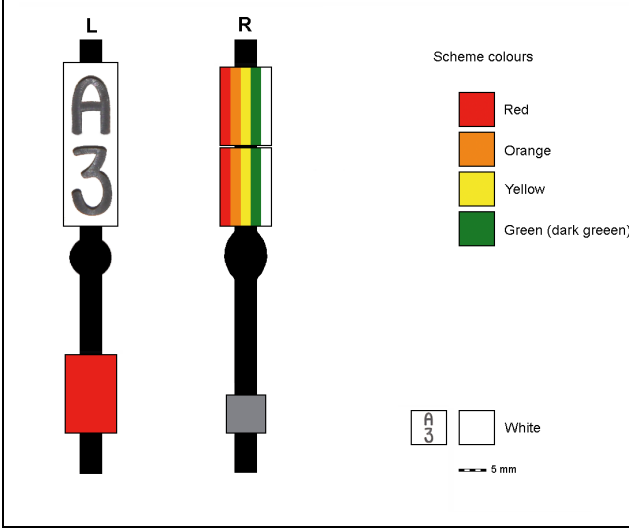
-  Red
-  Orange
-  Yellow
-  Green (dark green)
-  Lime (light green)


 Niger (black)
 White


 5 mm

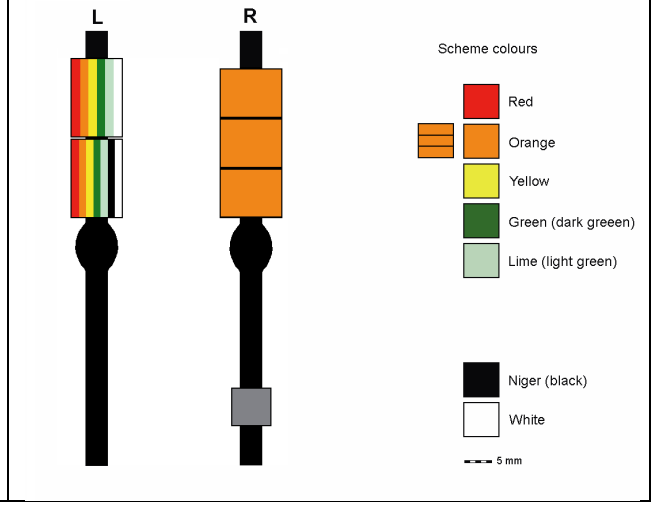
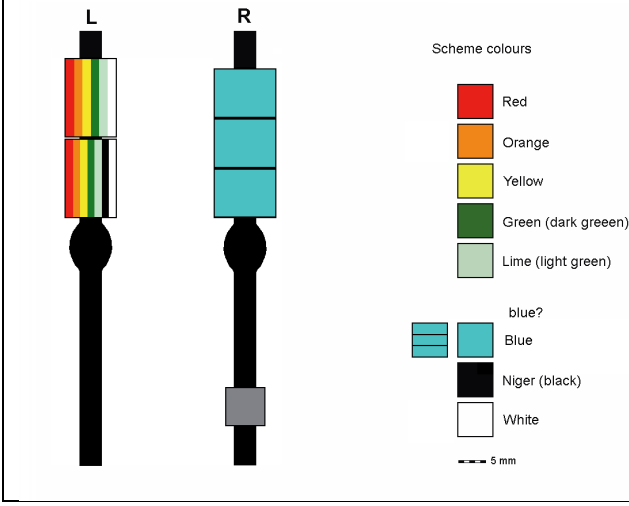
 **PP1**
 Pete Potts – petermpotts@gmail.com
 Location: The Solent – UK
 Non-breeding adults
 Subspecies: *islandica*
 2001 -
 Ring height: 14 (colour) & 30 mm


 **PP2G**
 Pete Potts – petermpotts@gmail.com
 Location: Dublin – Ireland
 Non-breeding adults
 Subspecies: *islandica*
 2020 -
 Ring height: 14 & 30 mm

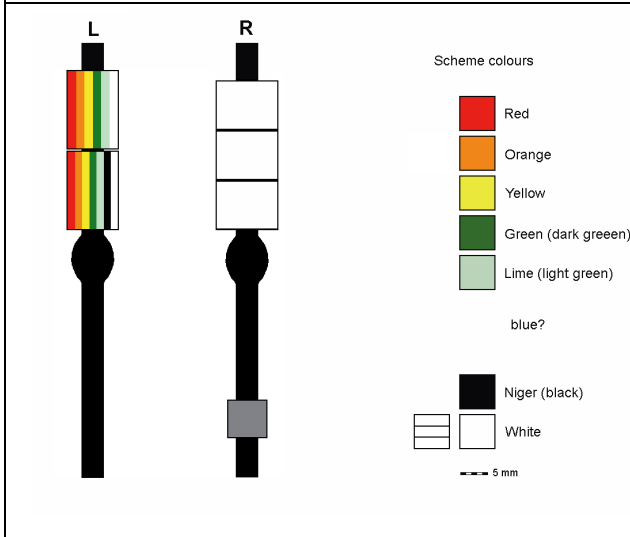



 **PP2B**
 Pete Potts – petermpotts@gmail.com
 Location: North Ireland - UK
 Non-breeding adults
 Subspecies: *islandica*
 2008 -
 Ring height: 14 & 30 mm

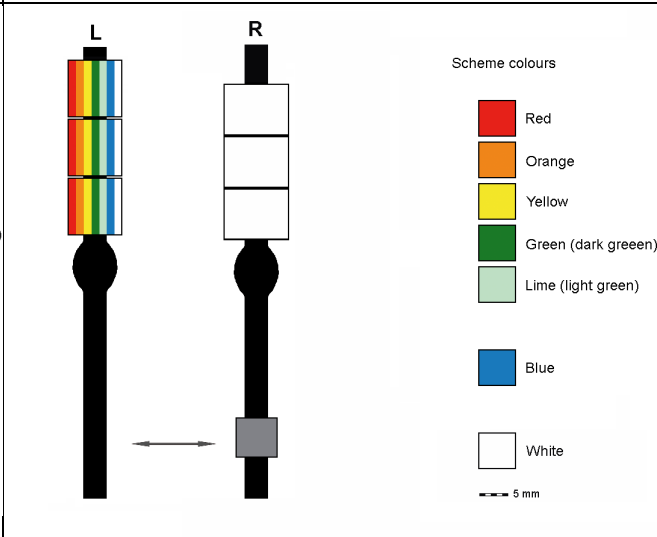
 **PP2O**
 Pete Potts – petermpotts@gmail.com
 Location: North Ireland - UK
 Non-breeding adults
 Subspecies: *islandica*
 2011 -
 Ring height: 14 & 30 mm




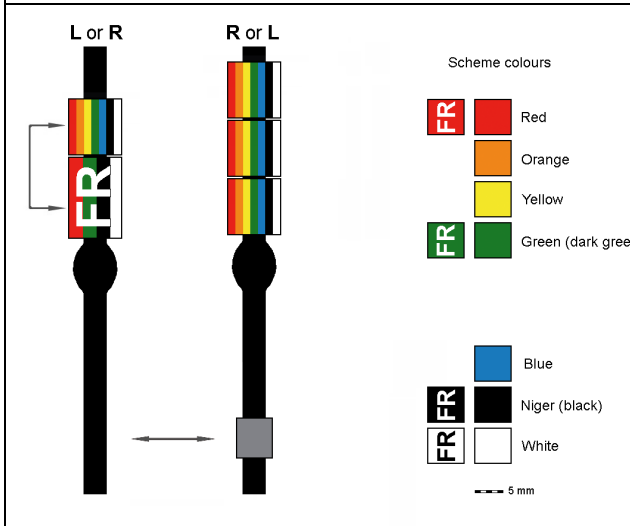

PP2W-2cr
 Barry O'Mahony – bomah@eircom.net
 Location: Cork Harbour – Ireland
 Non-breeding adults
 Subspecies: *islandica*
 2002 -
 Ring height: 14 & 30 mm




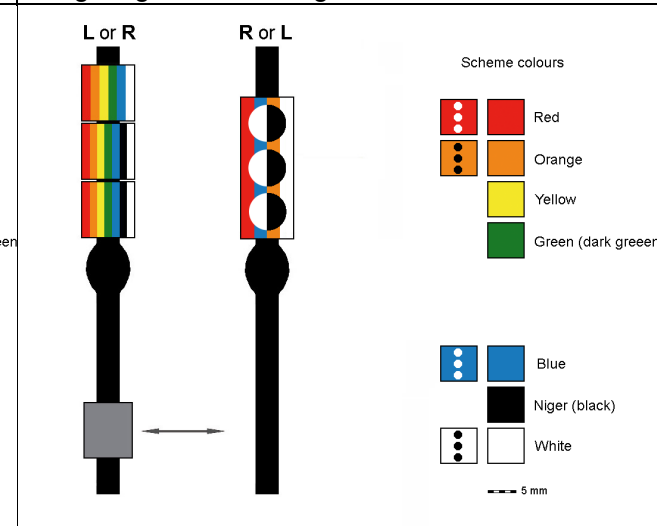

PP2W-3cr
 Barry O'Mahony – bomah@eircom.net
 Location: Cork Harbour – Ireland
 Non-breeding adults
 Subspecies: *islandica*
 Ring height: 10 & 30 mm




FR2
 Frédéric Robin – frobin02_gmail.com
<https://www.bargeaqueuenoire.org/base-limicoles/>
 Location: Marais Breton – France
 Breeding birds
 Subspecies: *limosa* (& *islandica*)
 2015 -




RNMO4
 Pierre Rousseau – loic.jomat_lpo.fr
<https://www.bargeaqueuenoire.org/base-limicoles/>
 Location: Moeze Oléron - France
 Migrating birds
 Subspecies: *islandica* (& *limosa*)
 2017 -
 Ring height: 10mm, engraved 25 mm



NO1

Oddvar Hegøy – oddvar_birdlife.no

Location: Norway

Chicks

Subspecies: *islandica* and *limosa*

2017 -

Ring height: 14 mm



INBO1

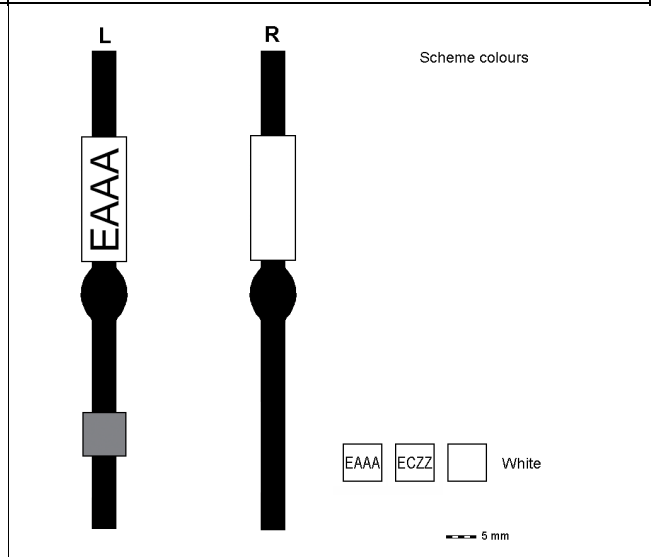
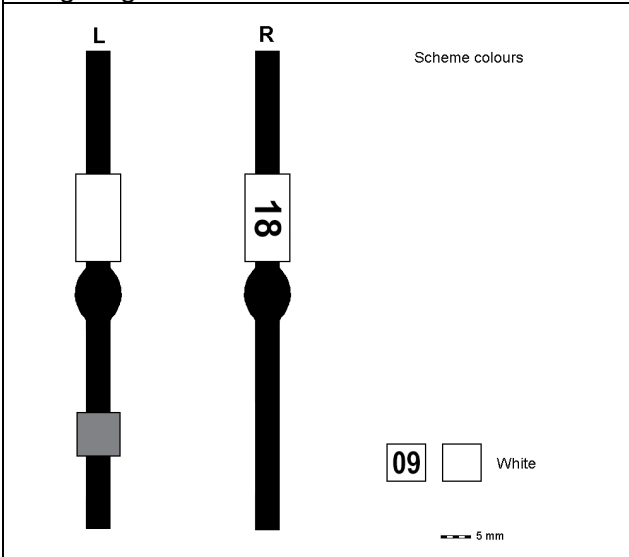
Geert Spanoghe - geert.spanoghe@inbo.be

Location: Flanders - Belgium

Subspecies:

2013 -

Ring height: 21 mm



JM3

José Gómez-Pantoja – abadjm_unex.es

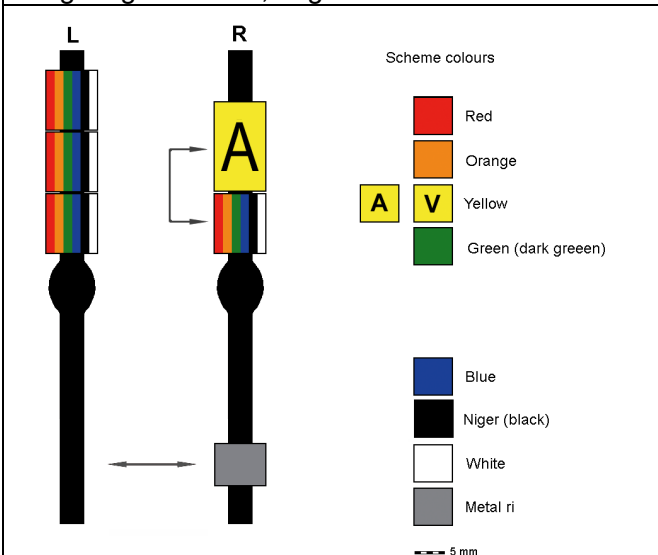
Location: Extremadura – España

Adults on migration/wintering

Subspecies: *limosa* & *islandica*



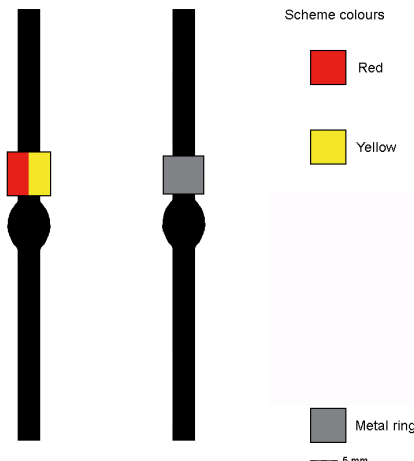



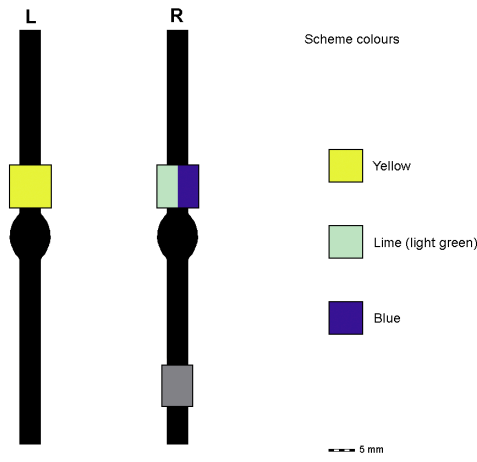



2019 -

Ring height: 10 mm; engraved 15mm









3. NO FLAG & NO ENGRAVED RINGS (BY NUMBER OF RINGS)

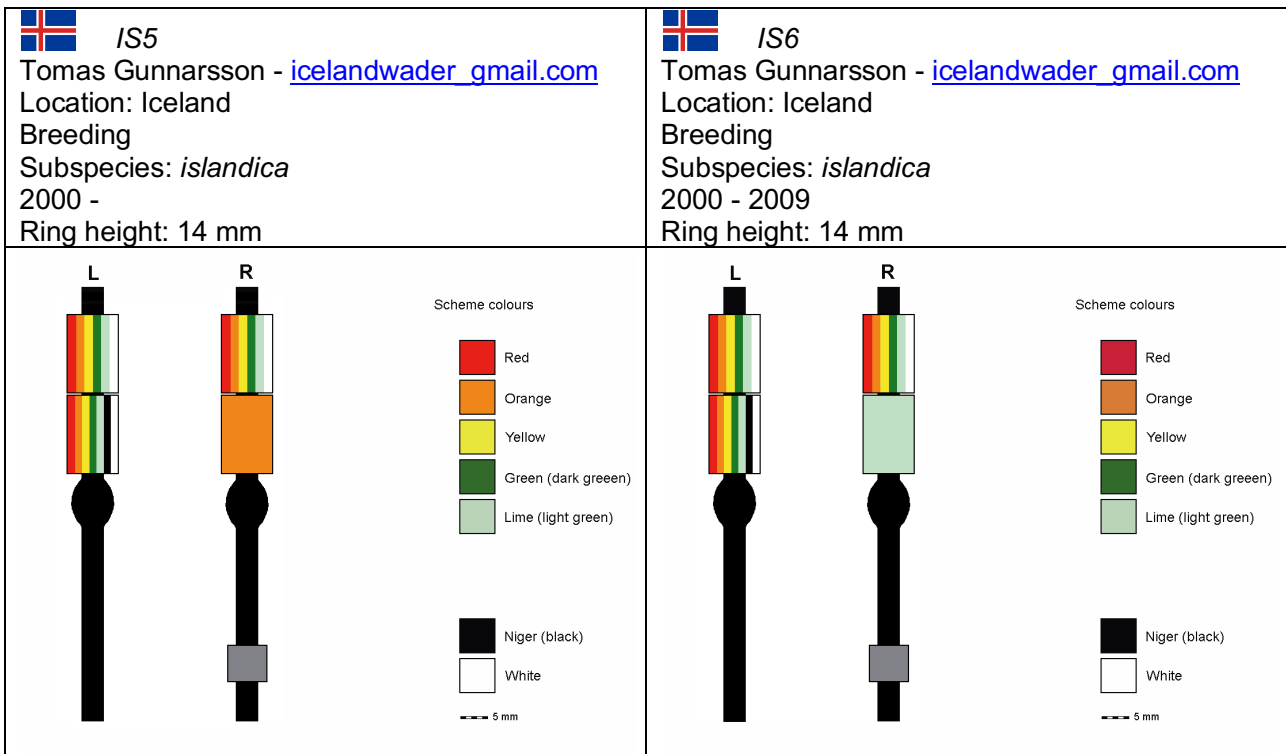
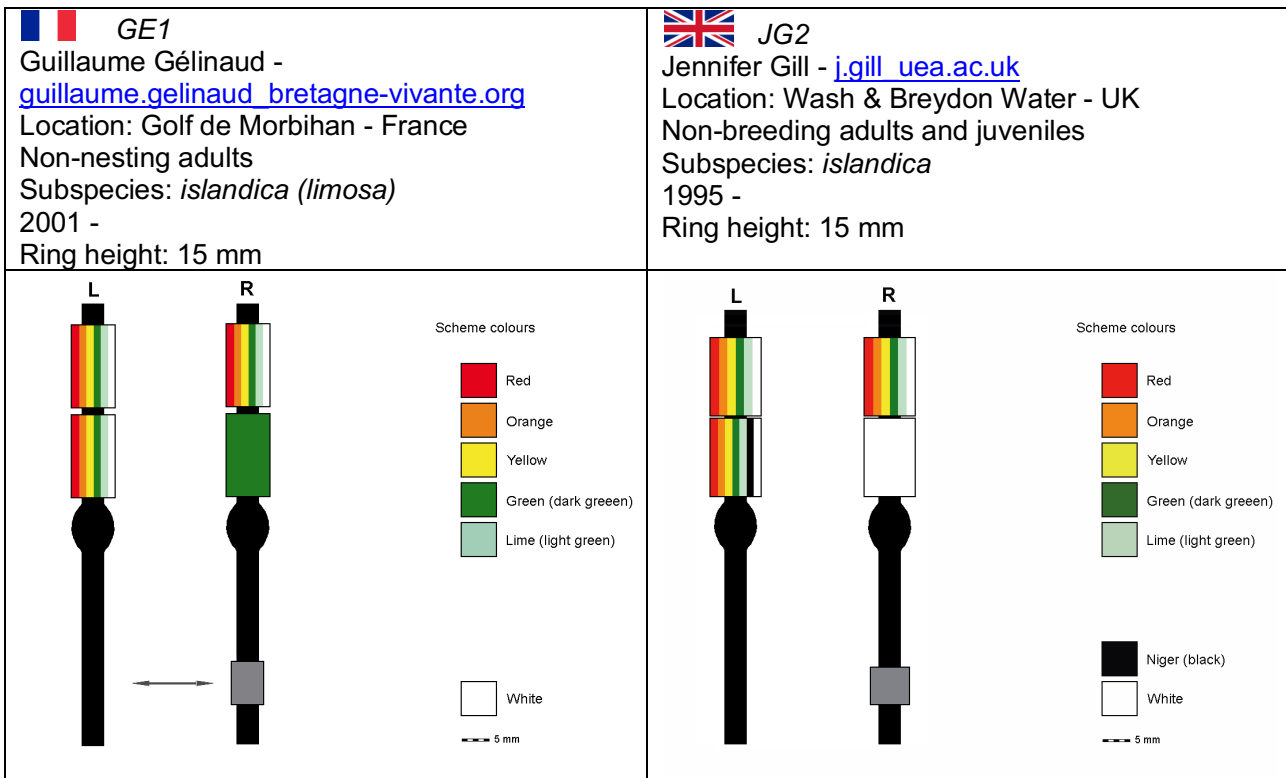
3.1 – ONE OR TWO RINGS (+ METAL RING)

<p> NL5 Jos Hooijmeijer – j.c.hooijmeijer_rug.nl Location: Nederland Chicks Subspecies: <i>limosa</i> 2006 (Y), 2007 (R) Ring height: 8 mm <i>Not an individual marker (group marker)</i></p>	<p> RSPB1 Jennifer Smart - Jennifer.Smart_rspb.org.uk Location: UK Chicks Subspecies: <i>limosa</i> 1997 Ring height: 7-10 mm(+) (depending on the size of the chicks) <i>Drawing: 7 mm</i> <i>Not an individual marker (group marker)</i></p>
 <p>Scheme colours</p> <ul style="list-style-type: none">  Red  Yellow  Metal ring <p>--- 5 mm</p>	 <p>Scheme colours</p> <ul style="list-style-type: none">  Yellow  Lime (light green)  Blue <p>--- 5 mm</p>

3.2 – THREE RINGS (+ METAL RING)

 <p>IS4 Tomas Gunnarsson - icelandwader@gmail.com Location: Iceland Chicks Subspecies: <i>islandica</i> 2002 - 2003 Ring height: 15 mm Brood marked birds</p>	 <p>SEO1 Álvaro Díaz - alvaro.diaz.pastor@gmail.com Location: Cantabria – España</p>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>L</p>  </div> <div style="text-align: center;"> <p>R</p>  </div> </div> <div style="margin-top: 20px;"> <p>Scheme colours</p> <ul style="list-style-type: none"> Red Orange Yellow Green (dark green) Lime (light green) <p style="margin-top: 10px;"> White</p> <p style="margin-top: 5px;"> 5 mm</p> </div>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <div style="margin-top: 20px;"> <p>Scheme colours</p> <ul style="list-style-type: none"> Red Green (dark green) Blue White Metal ring </div>

3.3 – FOUR COLOUR RINGS (+ METAL RING)
 3.3.1 - Four C-Rings without C-Rings on tarsus





IS7

Tomas Gunnarsson - icelandwader@gmail.com

Location: Iceland

Chicks

Subspecies: *islandica*

1999 - 2005, 2013 -

Ring height: 8, 10 or 14 mm

Drawing: 10 mm



IS12

Tomas Gunnarsson - icelandwader@gmail.com

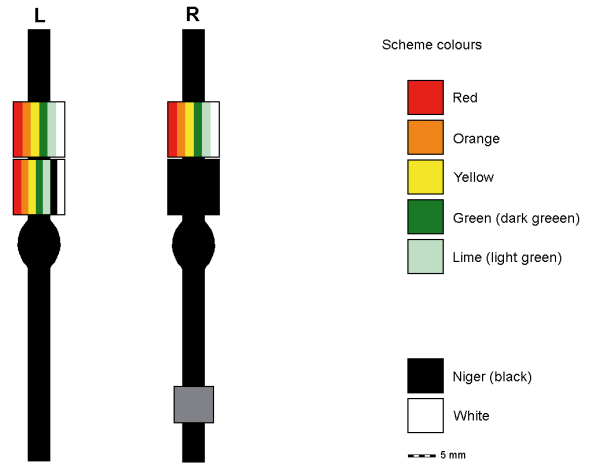
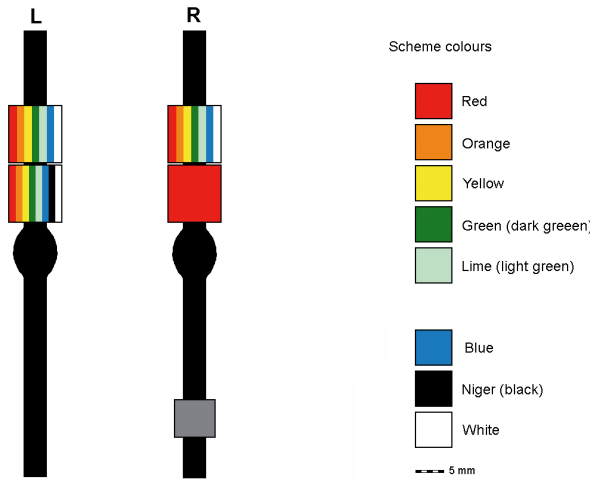
Location: Iceland

Subspecies: *islandica*

2013 -

Ring height: 10 or 14 mm

Drawing: 10 mm



RSPB2

Jennifer Smart – Jennifer.Smart@rspb.org.uk

Location: UK

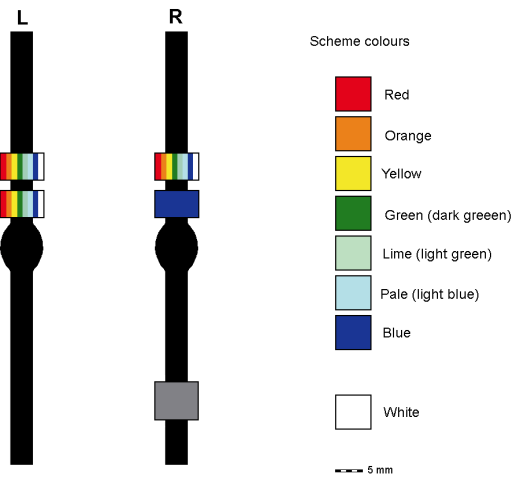
Chicks

Subspecies: *limosa*

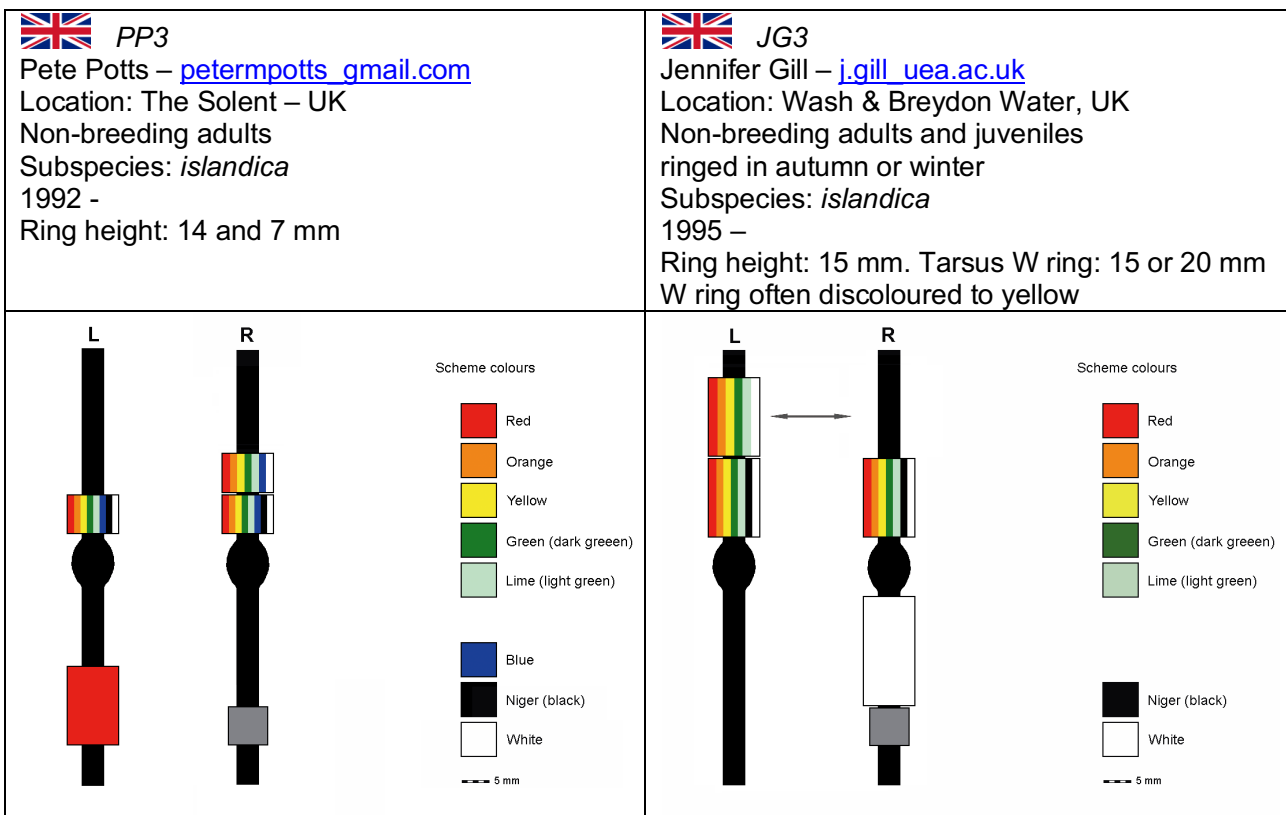
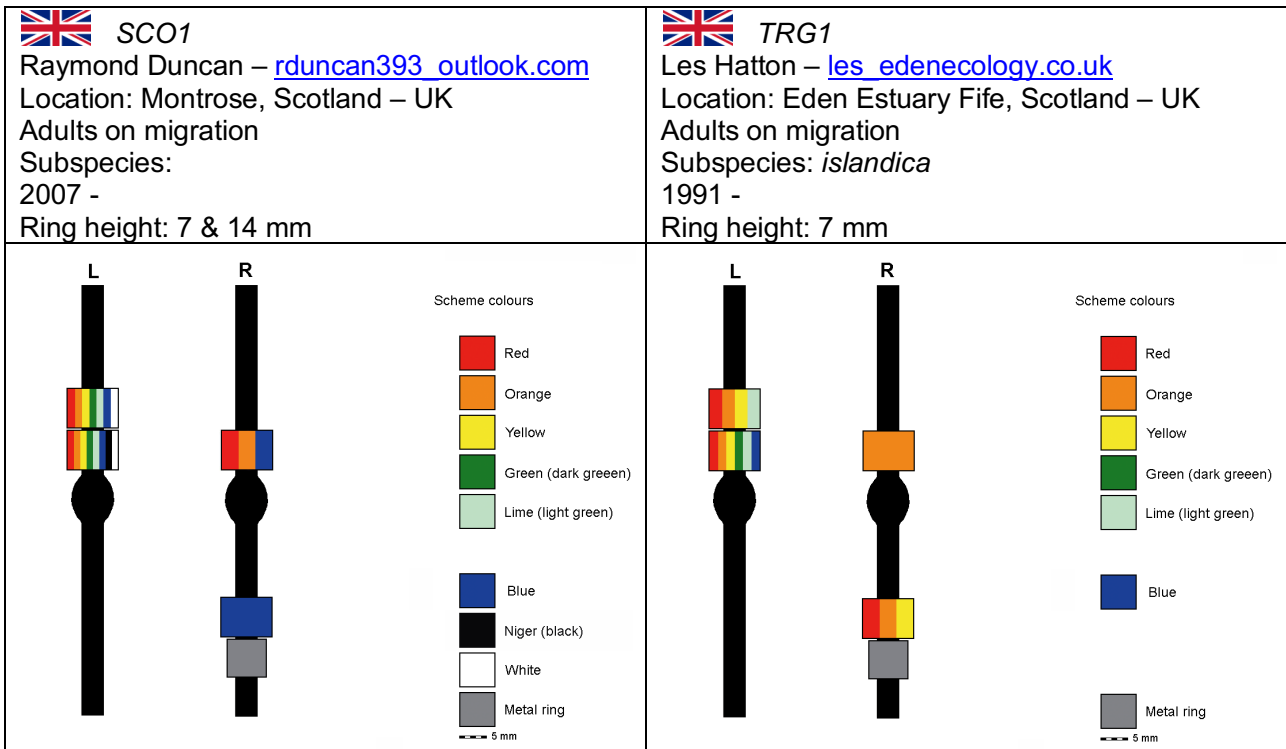
1998 - 2003

Ring height: 4/5 or 6/7 mm rings

Drawing: 5 mm



3.3.2 – Four C-Rings with C-Rings on tarsus





AC1

Antonio Fernández Cordeiro – antoniofcordeiro@hotmail.com

Location: Galicia, Spain

2011 –

Ring height: 10 mm

L



R



Scheme colours



Red



Orange



Yellow



Green (dark green)



Lime (light green)



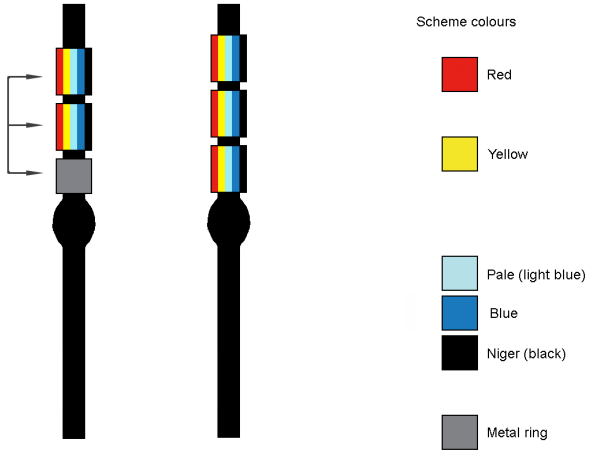






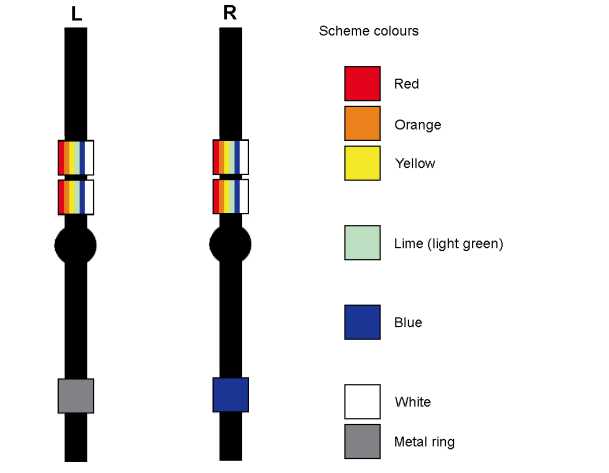









Blue

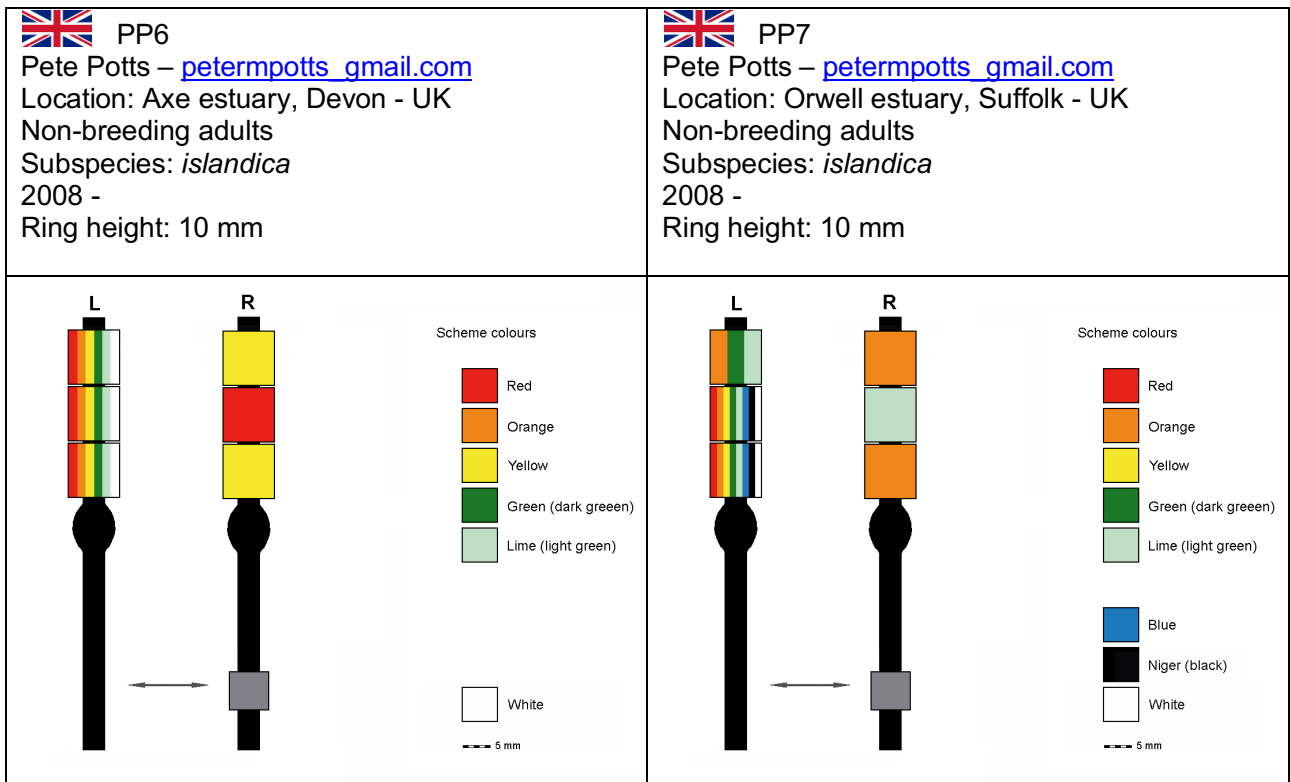
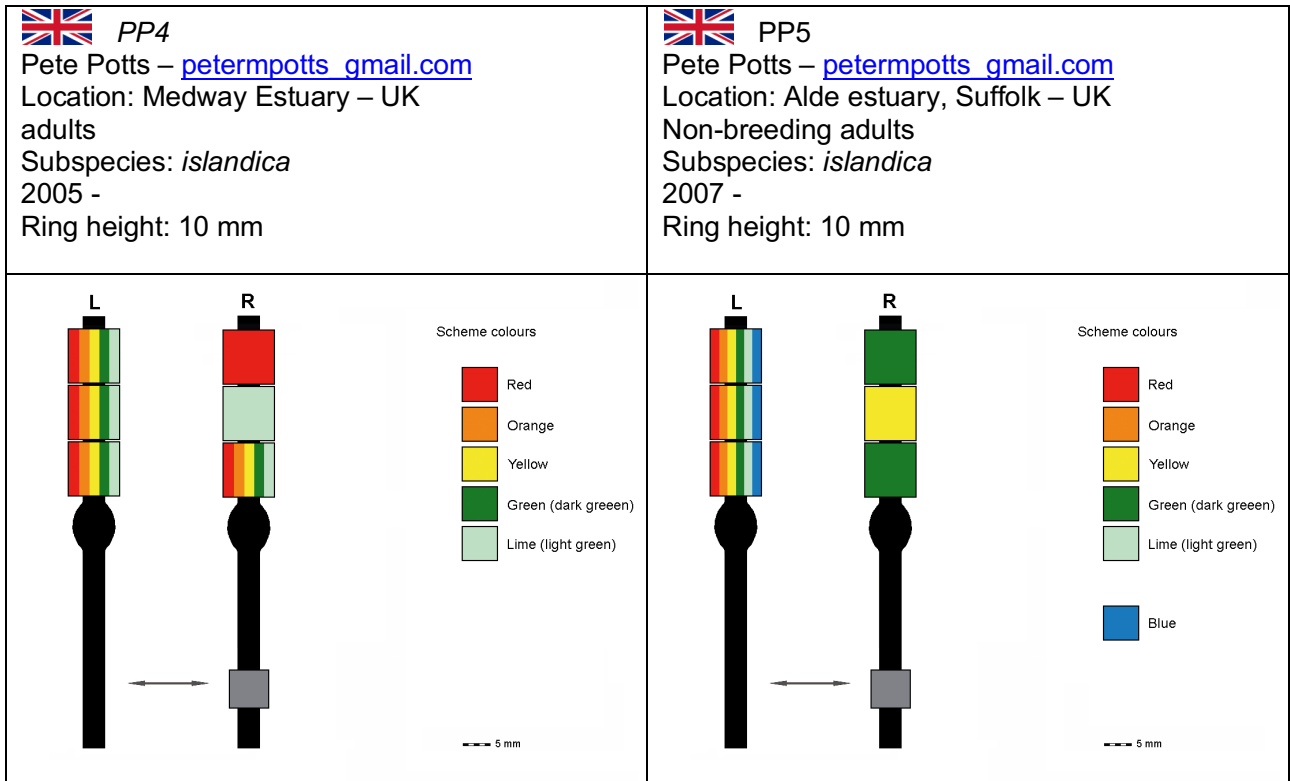


White

3.4 – FIVE RINGS (+ METAL RING)

<p>  DE2 Johannes Melter – j.melter@bio-consult-os.de Volker Salewski Volker.Salewski@nabu.de Location: Deutschland Breeding adults & chicks Subspecies: <i>limosa</i> Years: 1972 - Ring height: 8,7 mm </p>	<p>  MR1 Frank Majoor - f.majoor5@upcmail.nl Location: Nederland Breeding adults and chicks Subspecies: <i>limosa</i> 2002 - 2005 Ring height: 7, 10 or 14 mm rings Drawing: 10 mm </p>
 <p style="text-align: center;">Scheme colours</p> <ul style="list-style-type: none">  Red  Yellow  Pale (light blue)  Blue  Niger (black)  Metal ring <p style="text-align: center;">5 mm</p>	 <p style="text-align: center;">Scheme colours</p> <ul style="list-style-type: none">  Red  Orange  Yellow  Lime (light green)  Blue  White  Metal ring <p style="text-align: center;">5 mm</p>

3.5 – SIX RINGS (+ METAL RING)





PP8

Pete Potts – petermpotts@gmail.com

Location: Swale estuary, Kent - UK

Non-breeding adults

Subspecies: *islandica*

2008 -

Ring height: 10 mm



PP9

Pete Potts – petermpotts@gmail.com

Location: Poole Harbour, Dorset - UK

Non-breeding adults

Subspecies: *islandica*

2013 -

Ring height: 10 mm

