



Réserve Naturelle  
MOEZE-OLERON

# THE WADERS MOËZE'S PROGRAM



February 2009

Ringers: P. Delaporte, J. Gonin & P. Rousseau



## PRESENTATION OF THE PROGRAM

The program has begun in 2001 and concern coastal waders. Main purposes of this program are to study:

- ⇒ the habitat choices of birds during wintering and migration.
- ⇒ the relation between birds and they prey from mudflaft.

We study also: duration of stopover, turnover, fidelity, origin of birds, moult...

Moreover, we are particulary interested on the Black-tailed Godwit *Limosa limosa islandica* ecology. We study exchanges and connexions with the others reserves on the French central Atlantic coast (Ré island, Bay of l'Aiguillon, Yves marshes...) and also their relation with the feeding resources.

We survey especially 6 species by colour ringing (orange flag + colour rings): Curlew, Black-tailed Godwit, Bar-tailed Godwit, Grey plover, Common Redshank and Spotted Redshank. Since 2007 we add 2 new species in a less extent: Ruff and Greenshank (we fit colour rings if we trap them accidentally).

All the others species are just ringed with metal ring (Museum Paris).

We also fit colour rings on Pied Avocet during breeding period to the program of Matthieu Vaslin / Guillaume Gélinaud (LPO / Bretagne Vivante – FR) and on Red Knot *C. c. canutus* during spring migration according to the program of Theunis Piersma (NIOZ-NL).

Every month according to weather conditions, we catch birds for one to three nights (from 10 to 18 mist-nets) during the dark moon period. F persons work at the Moëze-Oléron Nature Reserve and three of us are official ringers (Philippe Delaporte, Julien Gonin & Jérôme Gautier) and one future ringer (Pierre Rousseau). A good team of volunteers help us regulary every month (2 to 8 persons).

Since 2001, **14 470** waders was **ringed** (**2365** with **colour rings**) and produce **6311 resightings** and **97 return** (principally by **hunt**).

Since 2007, the team of Moëze teach the technics of trapping and ringing of waders and this will allow others team of ringers to develop new projects on the French atlantic coast (see at the end of the documents).

**Black-tailed Godwit in the Netherlands in spring 2007 (Astrid Kant), ringed at Moëze in february 2004**



Number of bids ringed per species since 2001 principally at Moëze site.

Oystercatcher	<i>Haematopus ostralegus</i>	54
Pied Avocet	<i>Recurvirostra avosetta</i>	422
Black-winged Stilt	<i>Himantopus himantopus</i>	92
Godlen Plover	<i>Pluvialis apricaria</i>	2
Grey Plover	<i>Pluvialis squatarola</i>	418
Little Ringed Plover	<i>Charadrius dubius</i>	7
Ringed Plover	<i>Charadrius hiaticula</i>	126
Kentish Plover	<i>Charadrius alexandrinus</i>	1
Lapwing	<i>Vanellus vanellus</i>	380
Common Snipe	<i>Gallinago gallinago</i>	23
Black-tailed Godwit	<i>Limosa limosa ssp?</i>	117
	<i>Limosa limosa limosa</i>	66
	<i>Limosa limosa islandica</i>	469
Bar-tailed Godwit	<i>Limosa lapponica</i>	516
Eurasian Curlew	<i>Numenius arquata</i>	263
Wimbrel	<i>Numenius phaeopus</i>	187
Common Redshank	<i>Tringa totanus</i>	1889

Spotted Redshank	<i>Tringa erythropus</i>	46
Greenshank	<i>Tringa nebularia</i>	7
Wood Sandpiper	<i>Tringa glareola</i>	1
Green Sandpiper	<i>Tringa ochropus</i>	13
Common Sandpiper	<i>Actitis hypoleucos</i>	123
Ruddy Turnstone	<i>Arenaria interpres</i>	176
Red Knot	<i>Calidris canutus ssp.?</i>	953
	<i>Calidris canutus islandica</i>	945
	<i>Calidris canutus canutus</i>	654
Little Stint	<i>Calidris minuta</i>	46
Temminck's Stint	<i>Calidris temminckii</i>	1
Dulin	<i>Calidris alpina ssp?</i>	5187
	<i>Calidris alpina alpina</i>	268
	<i>Calidris alpina schinzii</i>	1236
	<i>Calidris alpina arctica</i>	89
Curlew Sandpiper	<i>Calidris ferrugina</i>	77
Ruff	<i>Philomachus pugnax</i>	32

## SITE OF CATCHING

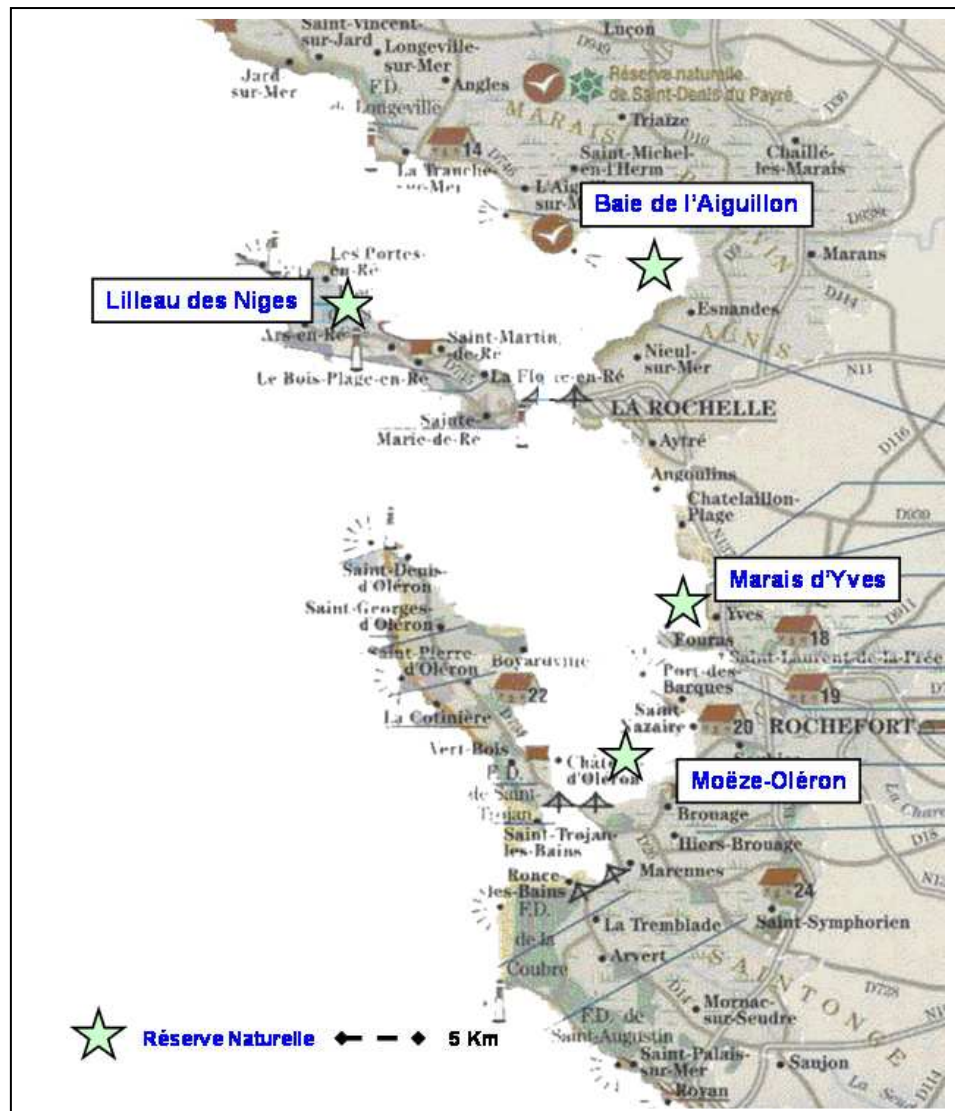
We catch birds on the continental part of the Moëze-Oléron Nature Reserve (220 hectares) (W01°02' N45°54') mainly on costal lagoons and old salt marshes but sometimes on wet grasslands. During last autumn and winter for a new program on Black-tailed Godwit we caught birds on other sites like the Nature Reserves of Marais d'Yves and Lilleau des Niges (Ré island).



Localisation of Moëze-Oléron Nature Reserve & aerian view of the continental part



Views on a lagoon in July



Localisation of the Nature Reserves of the « perthuis charentais ».

## HOW TO INTERPRET THE COLOR RINGS DRAWINGS

- Each drawing indicates all possible combination of rings by species. **The left leg on the drawing corresponding to the left leg of the bird, same thing for the right.**
- The multicolour rings are painted with all possible colours for that particular position.
- We **always** use an **Orange flag** on tibia with the metal ring or a colour ring.
- We use 8 colours: Red (R), Orange (O), Yellow (J), Green (dark green) (V), Lime (light green) (P), Blue (B), Black (N) and White (Wh). We have used too Purpul (M) just on 12 Common Redshank in 2005.
- **We never used two rings with the same colour on the same leg.**
- Attention! The metal ring (Grey) can be in the combination when on tibia, or not (now for new birds) when on tarsus.

## ANSWER & LIFE HISTORY

Due to the technical impossibility to have an internet connexion at our offices on the reserve (so far in the marshes!), we can't answer very quickly to our emails. Although **the ringing activity is a small part of our numerous activities on the reserve**, we will do an effort to answer and send **the life-histories of the re-sighting birds every month**. Thanks to your understanding.

**Réserve Naturelle de Moëze-Oléron**

**Plaisance**

**17780 – SAINT FROULT**

**Tel/fax : +33 (0)5.46.83.17.07**

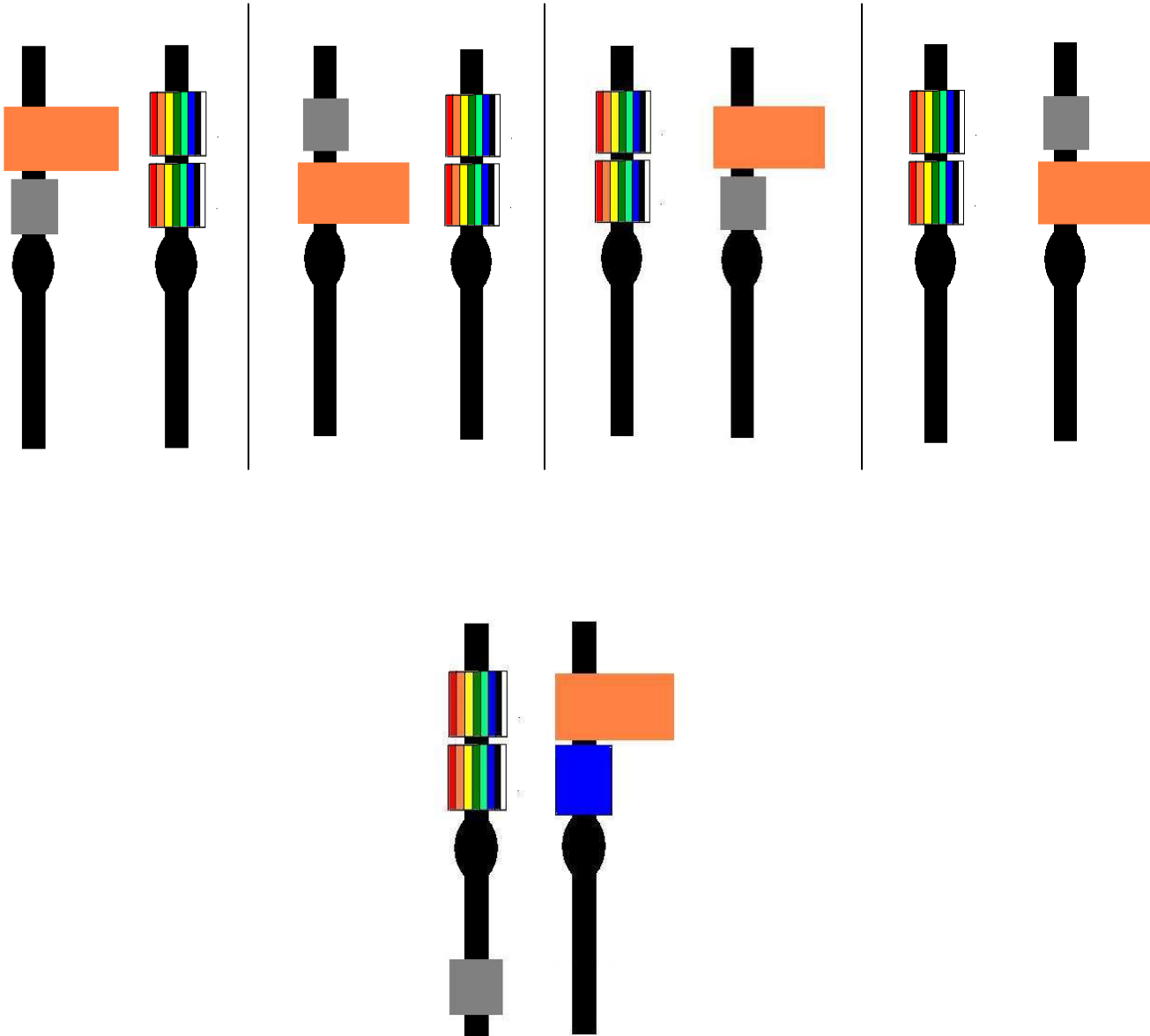
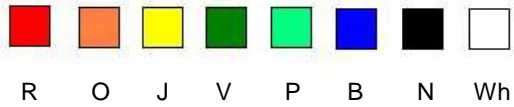
Our mail address is: **rn.moeze@lpo.fr**

***Thanks for your collaboration !***

**Eurasian Curlew - *Numenius arquata***

Number of birds: 169

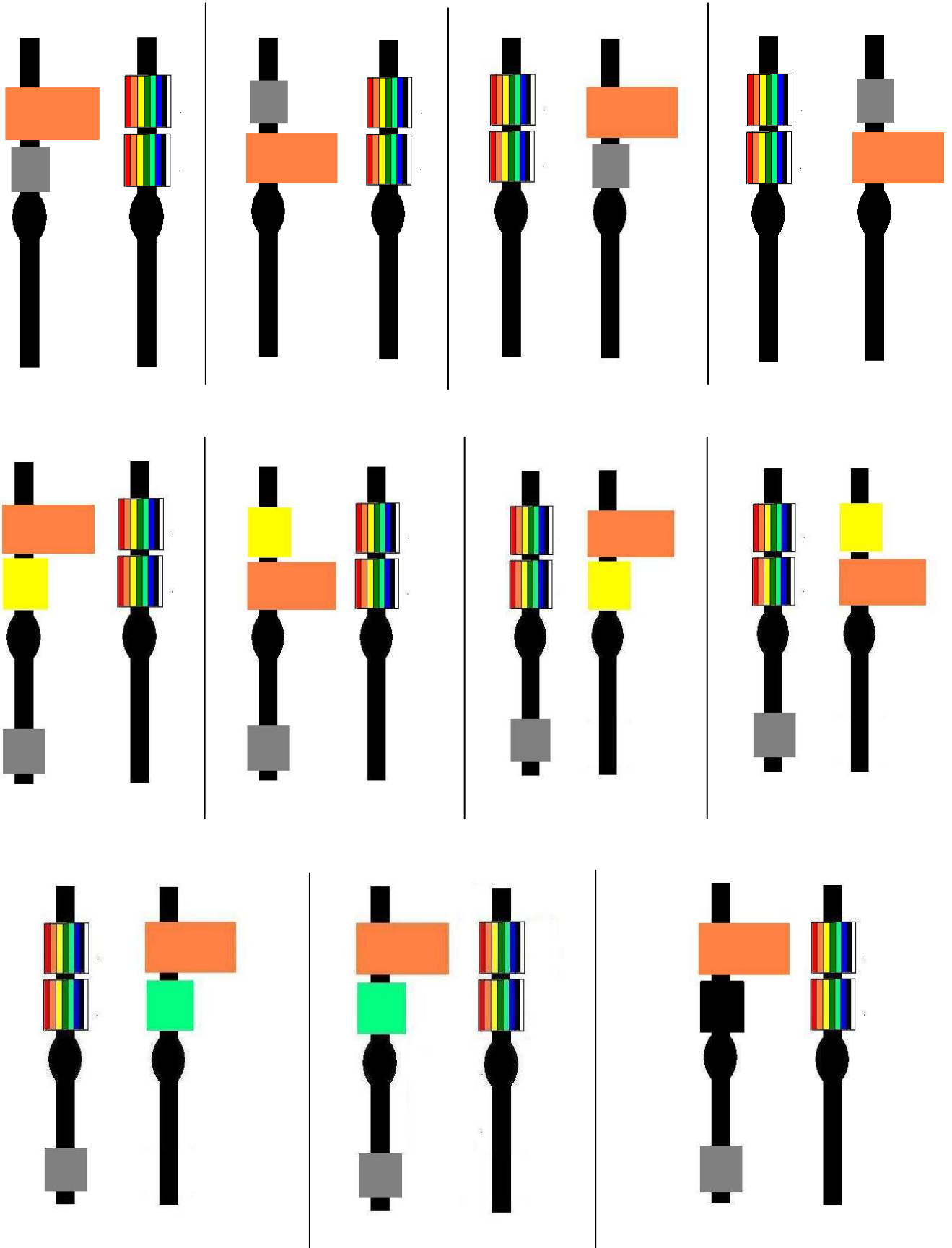
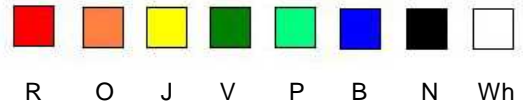
Combination's possibilities:



« Islandic » Black-tailed Godwit – *Limosa limosa islandica*

Number of birds: 408

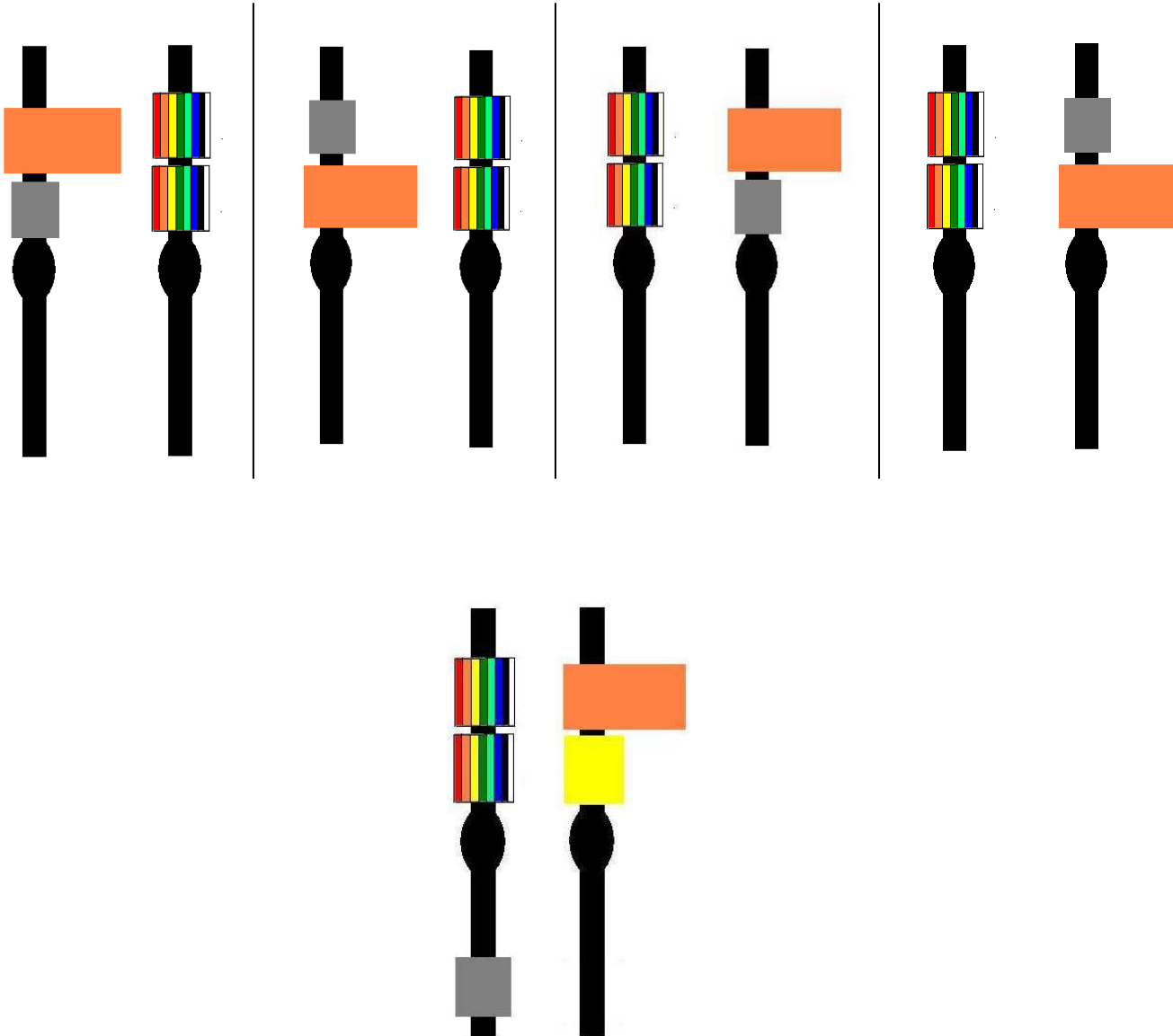
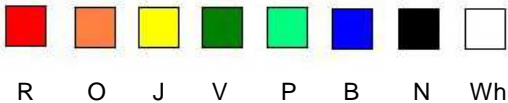
Combination's possibilities:



**Bar-tailed Godwit – *Limosa lapponica***

Number of birds: 224

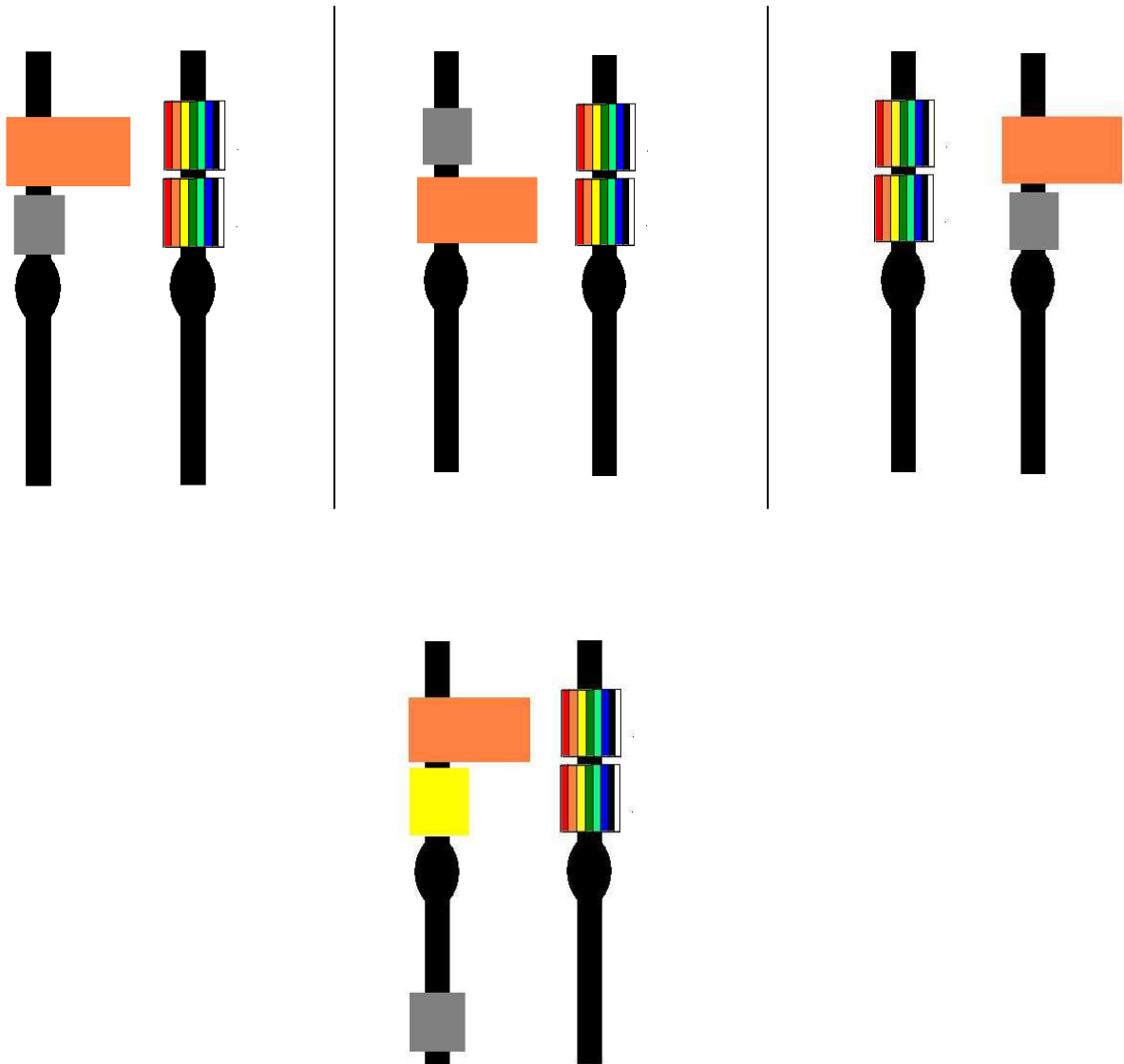
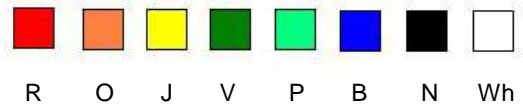
Combination's possibilities:



# Grey Plover – *Pluvialis squatarola*

Number of birds: 134

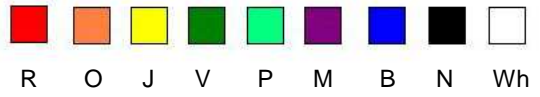
Combination's possibilities:



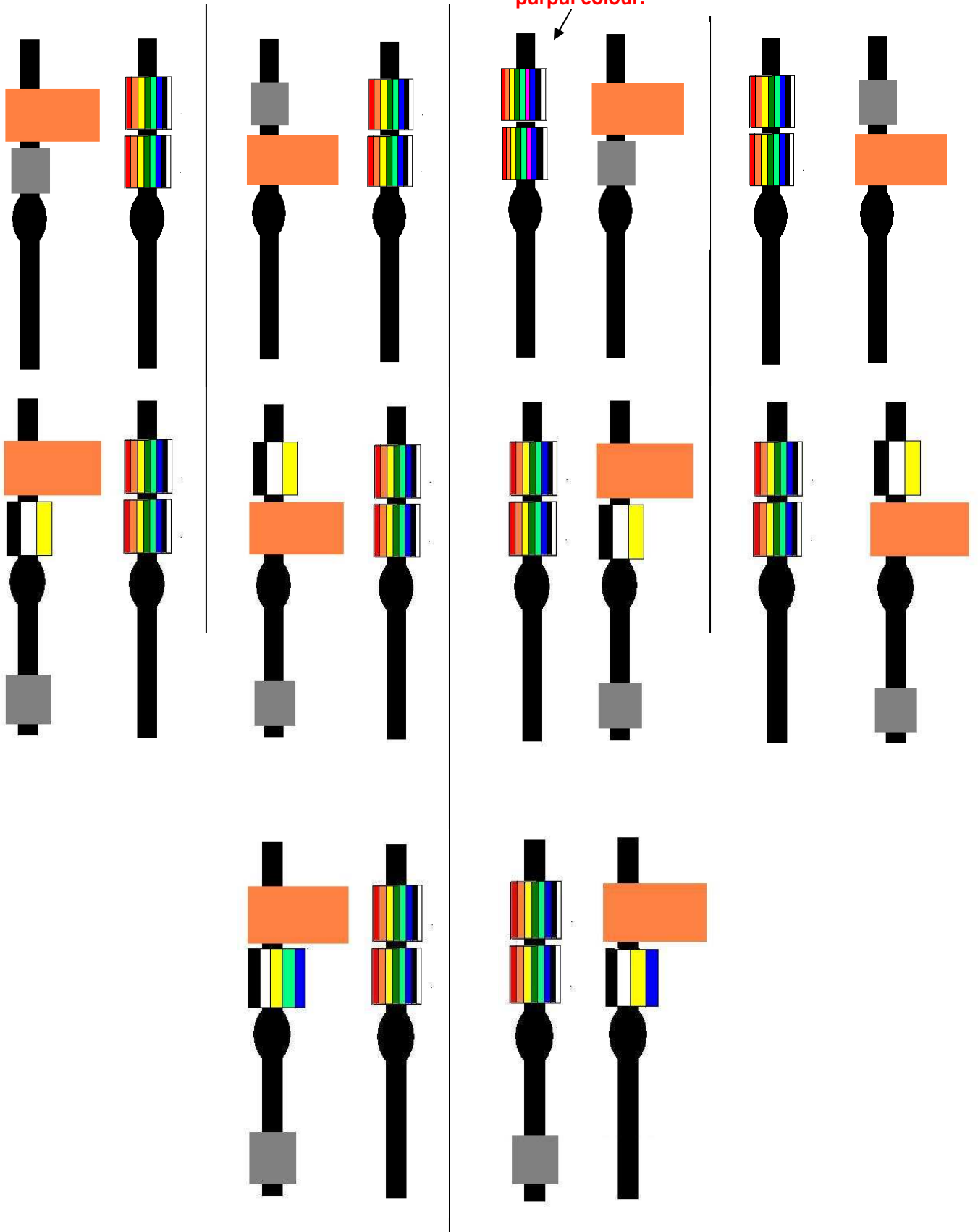
# Common Redshank – *Tringa totanus*

Number of birds: 886

Combination's possibilities:



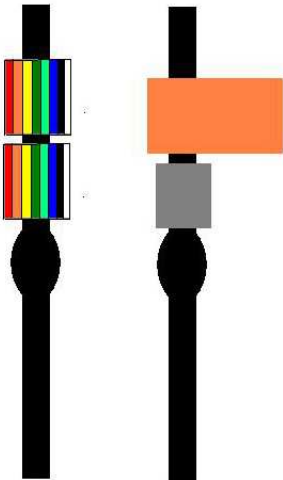
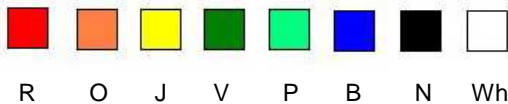
**Warning! 12 birds with purpul colour.**



**Spotted Redshank – *Tringa erythropus***

Number of birds: 31

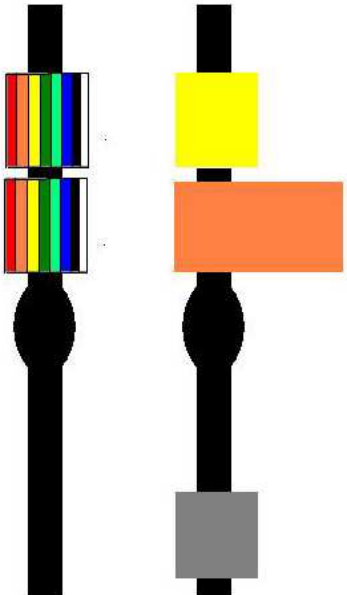
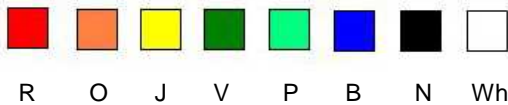
Combination's possibilities:



**Greenshank – *Tringa nebularia***

Number of birds: 1









Combination's possibilities:

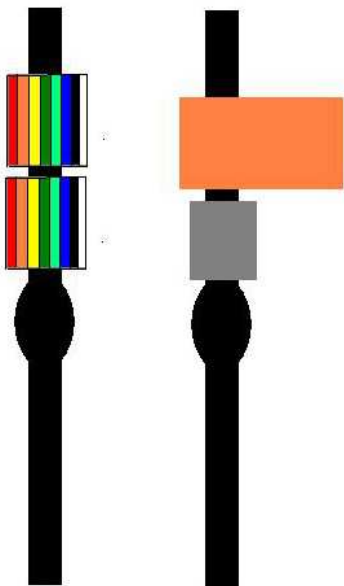
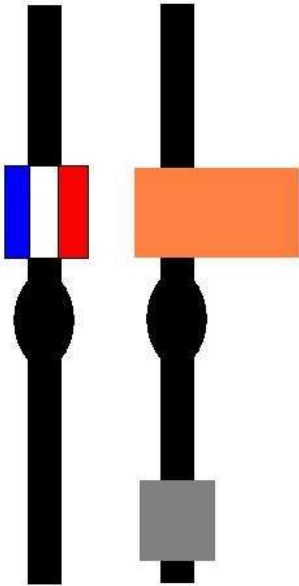


**Ruff – *Philomachus pugnax***

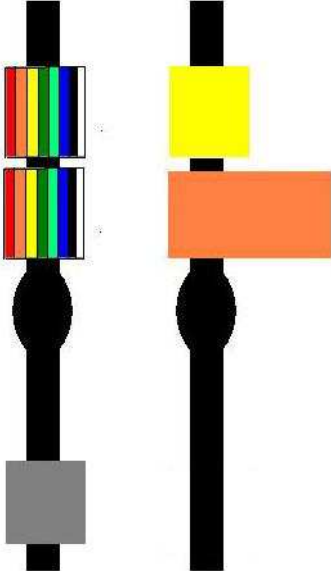
Number of birds: 12

Combination's possibilities:

							
R	O	J	V	P	B	N	Wh



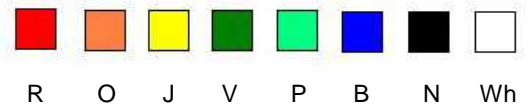
Just 3 birds : B/Of, W/Of & R/Of, test in jan. 2007.



## Others French programs using orange flag

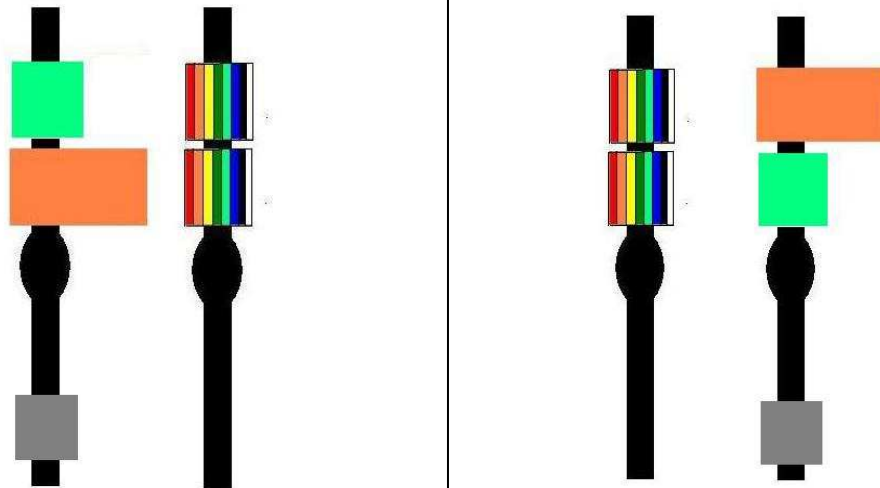
### ❖ Marais Breton / Vendée: Matthieu Vaslin

Mail: m.vaslin@wanadoo.fr



Species ringed : **Common Redshank** (n=?) and **Black-tailed Godwit** (n=?)

Combination's possibilities :

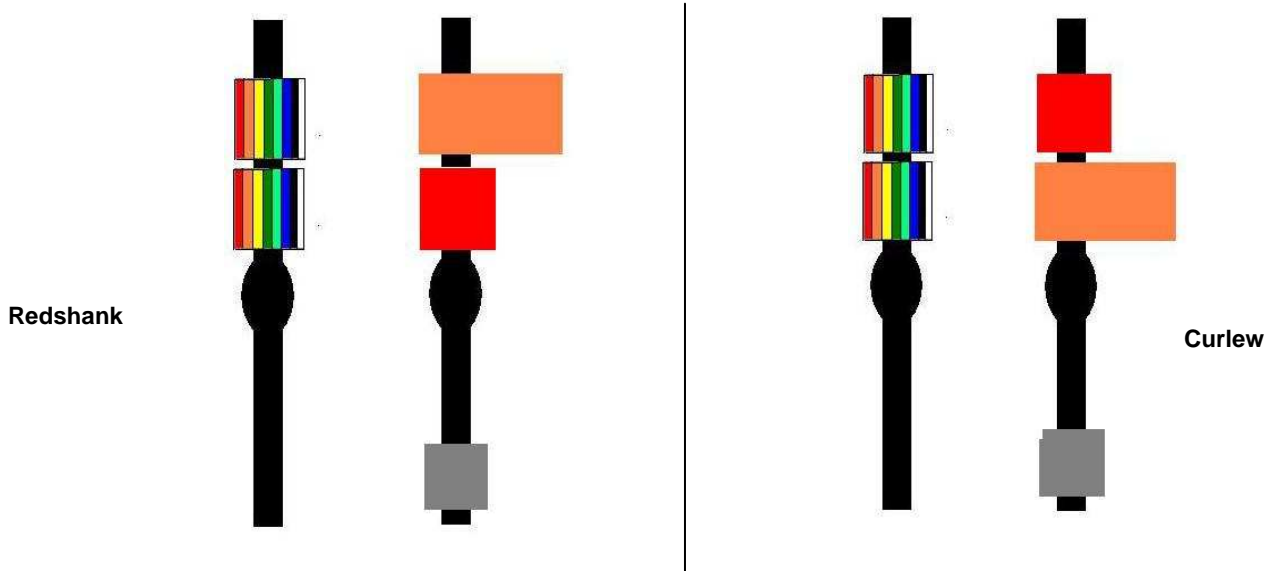
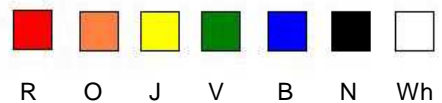


### ❖ Golfe du Morbihan : Guillaume Gélinaud.

Mail : sepnb.sene@wanadoo.fr

Species ringed : **Common Redshank** (n=6) and **Eurasian Curlew** (n=2).

Combination's possibilities :

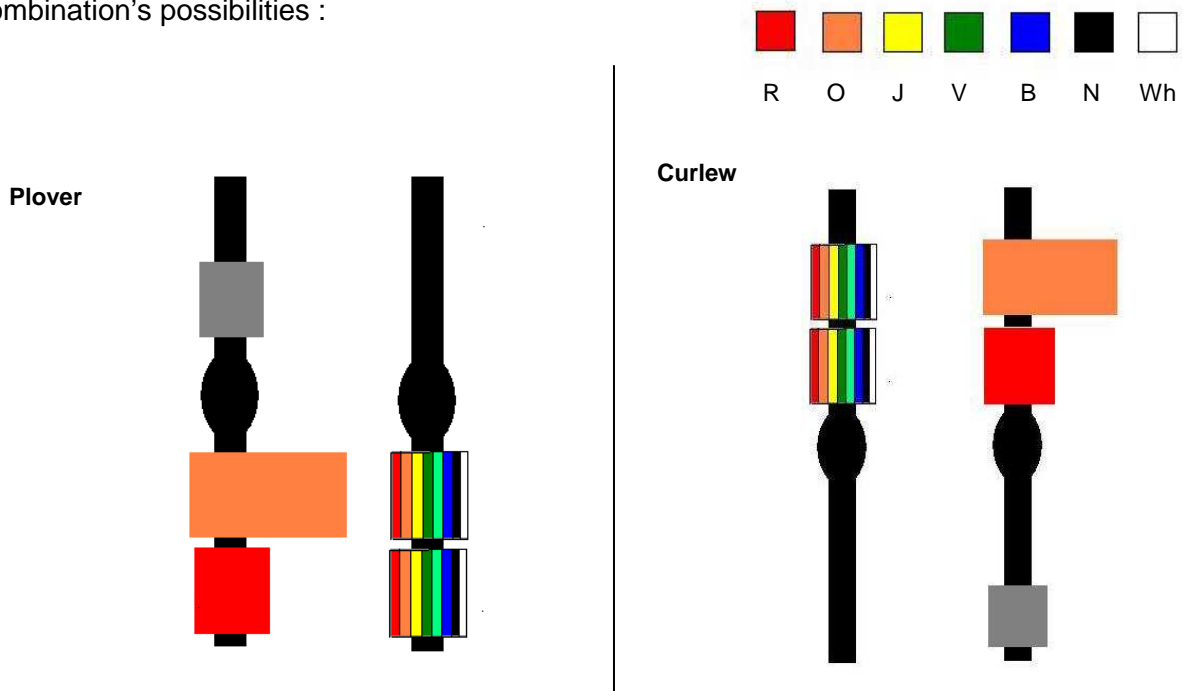


❖ **Finistère : Bruno Bargain / Gaétan Guyot.**

Mail : sepnb.trunvel@wanadoo.fr

Species ringed : **Kentish Plover** (n=20) and **Eurasian Curlew** (n=0).

Combination's possibilities :

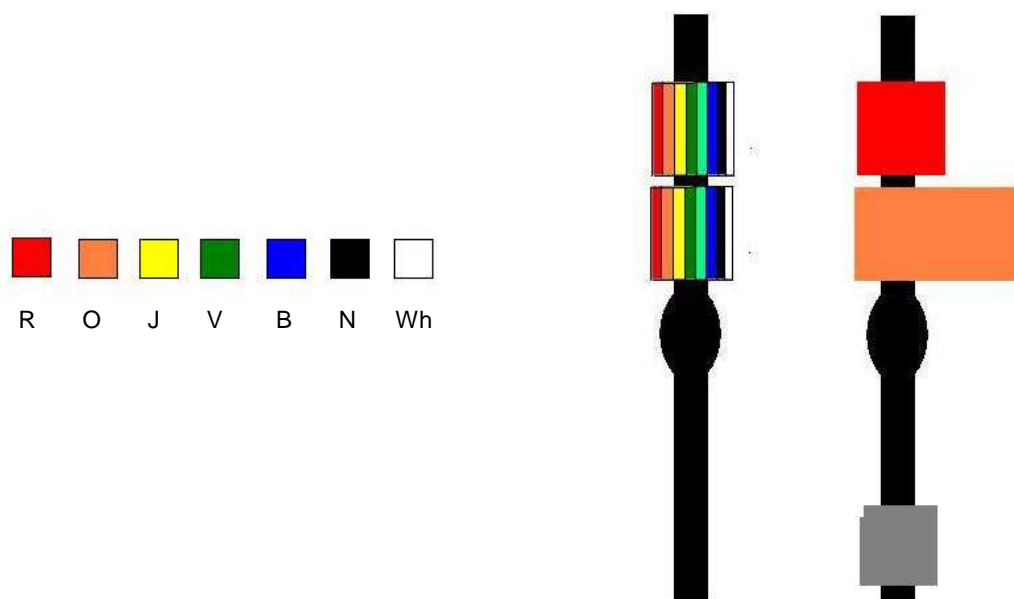


❖ **Finistère : Benjamin Guyonnet.**

Mail : benjamain.guyonnet@yahoo.fr

Species ringed : **Spotted Redshank** (n= ?) and **Greenshank** (n= 14).

Combination's possibilities :

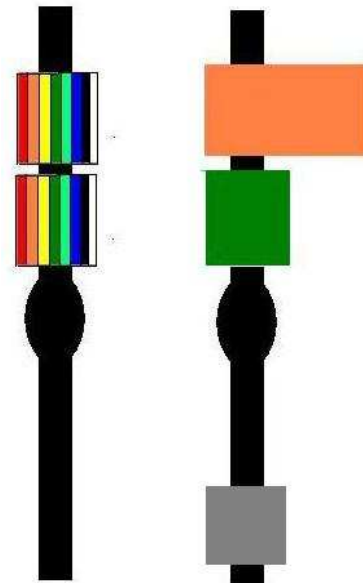
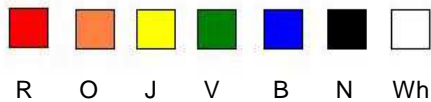


❖ **Baie de Seine / Seine-maritime : Pascal Provost.**

Mail : [observatoireavifaune@wanadoo.fr](mailto:observatoireavifaune@wanadoo.fr)

Specie ringed : **Common Redshank** (n=0).

Combination's possibilities :

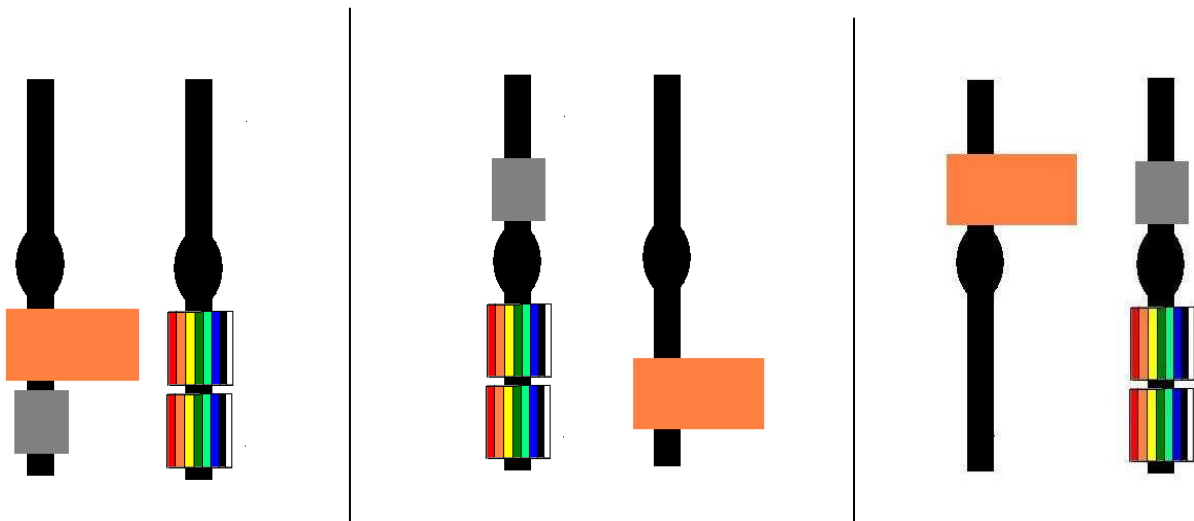
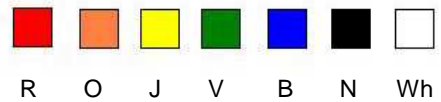


❖ **RN du Banc d'Arguin / Gironde : Christophe Le Noc.**

Mail : [rnarguin@wanadoo.fr](mailto:rnarguin@wanadoo.fr)

Species ringed : **Kentish Plover** (n= 13) and **Oystercatcher** (n= 12).

Combination's possibilities :



First test on 7 plovers and 9 oystercatcher

Definitive combinations

❖ Allier : Frédéric Chapalain

Mail :

Specie ringed : *Eurasian Curlew* (n=12).

Combination's possibilities :

