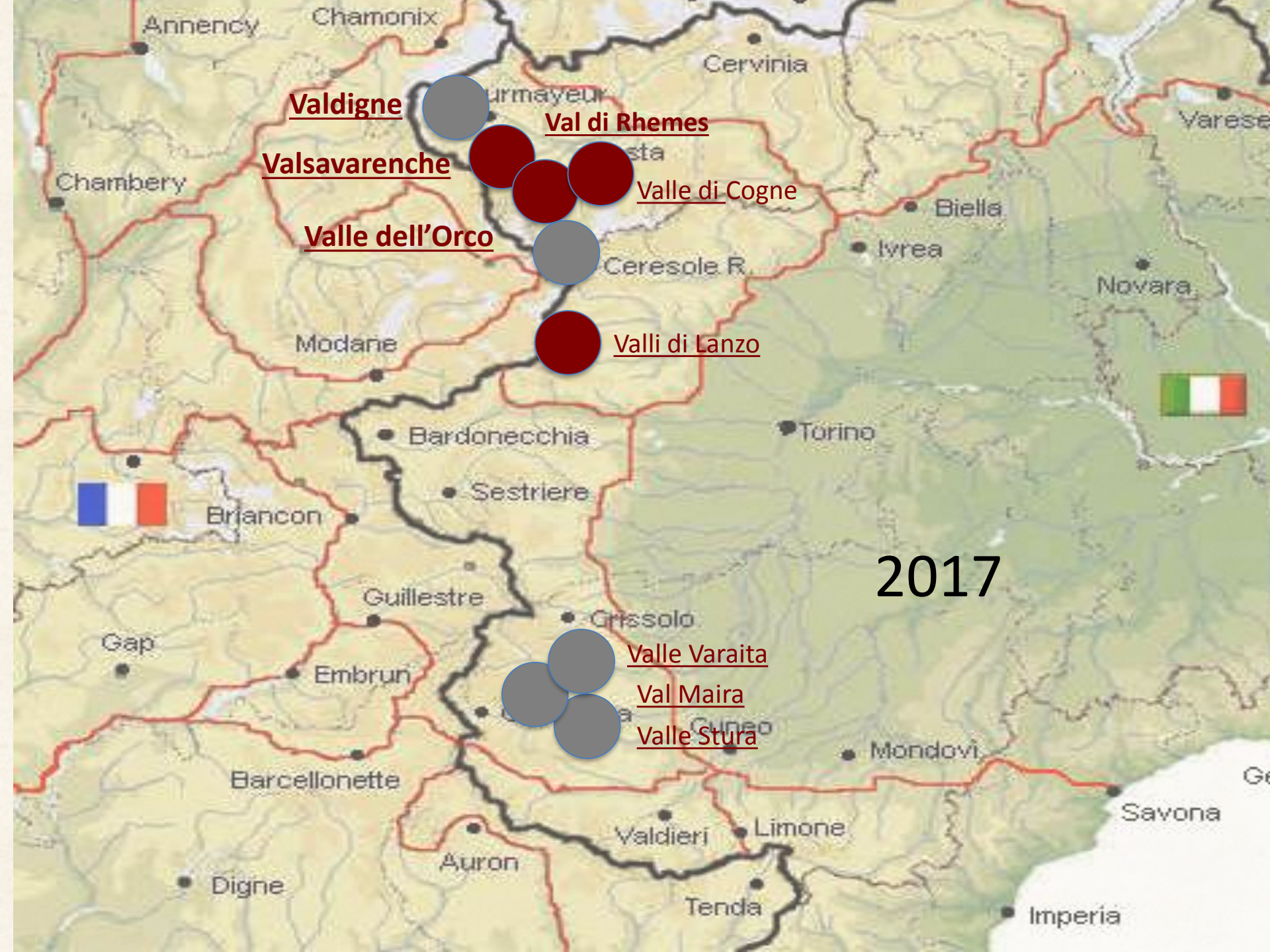


Bormio, 17 marzo 2018

Paolo e Laura Fasce, Christian Chioso e Martino Nicolino



**The evolution in territorial
occupancy by the Bearded
Vulture in the Italian Western
Alps**



Valdigne

Val di Rhemes

Valsavarenche

Valle di Cogne

Valle dell'Orco

Valli di Lanzo

Valle Varaita

Val Maira

Valle Stura

2017

Valle Stura 2000-2006

2000-2006

Firmin ♂1995 and Valdieri ♀1996

Nest actively frequented

No reproduction

2003-2006

Sereno ♂ 2000 joins the pair



Foto Cuneotrekking

Val Maira 2004-2006

2004-2006

Firmin? ♂ 1999 and Roure ♀ 2001

Nest actively frequented

No reproduction

2005

Roubion ♂ 1999 joins the pair



Foto Trekking tour

Val Varaita 2006-2007

2006-2007

Roubion ♂ 1999 and Roure ♀ 2001

No reproduction



Foto Lanternanet

Valdigne 2004-2016

2004-2006

Républic 13 ♂1999 and a female non identified

Nest actively frequented

No reproduction

2007-2016

♀offspring of Val Zebrù

2007-2011

With Swaro ♂ 2005

Nest actively frequented

No reproduction

2011-2012

With a subadult male

Nest actively frequented

No reproduction

2014-2015

With a male non identified

Incubation, hatching and failure

2016

The pair shifted to Bourg St. Maurice (FR)



Foto Laura Fasce

Val di Rhêmes 2000-2017

2000-2001

Pablo ♂ 2000 and a wild born female 2000

Nest actively frequented

No reproduction

2008-2017

Polygynous trio: adult ♂“A”, adult ♀“B”, Sallanches ♀2005 “C”
2010

Incubation, hatching and failure

2011

Double incubation in two different nests

Failure of both incubations

2012-2013

Successful reproductions

2014

Quartet with a second adult male “D”

Incubation and failure

2015-2016-2017

Polygynous trio: “B” ♀, “C” ♀, “D” ♂

Successful reproductions



Sallanches Foto Roberto Vallet

Valsavarenche 1992-2017

1992-1993

An adult and an immature

30/5/1993

The immature is killed by a Golden Eagle

And the adult disappeared few months later

2010

Michegabri 2006 ♂ and an adult female non identified

2011

Incubation, hatching and failure

2012-2013-2014

Successful reproductions

2015

Incubation and failure

2016-2017

Successful reproductions



Michegabri Foto Roberto Andrighetto

Cogne 2015-2017

2015-2016-2017

♂ imperfect adult non identified and adult ♀ 2009, Condamine
or Vaulabelle

Successful reproduction



Foto Laura Fasce

Valle dell'Orco 2012-2015

2012

Nonno Bob ♂ 2008 and imperfect adult female

Nest frequented

No reproduction

2013

Two adult birds

No reproductive behaviour

2014

One only adult

2015

Two adult birds

Nest frequented

No reproduction

2016-2017

Two adult birds

No reproductive behaviour



Nonno Bob Foto Luca Casale

Valli di Lanzo

2017

An adult and an imperfect adult

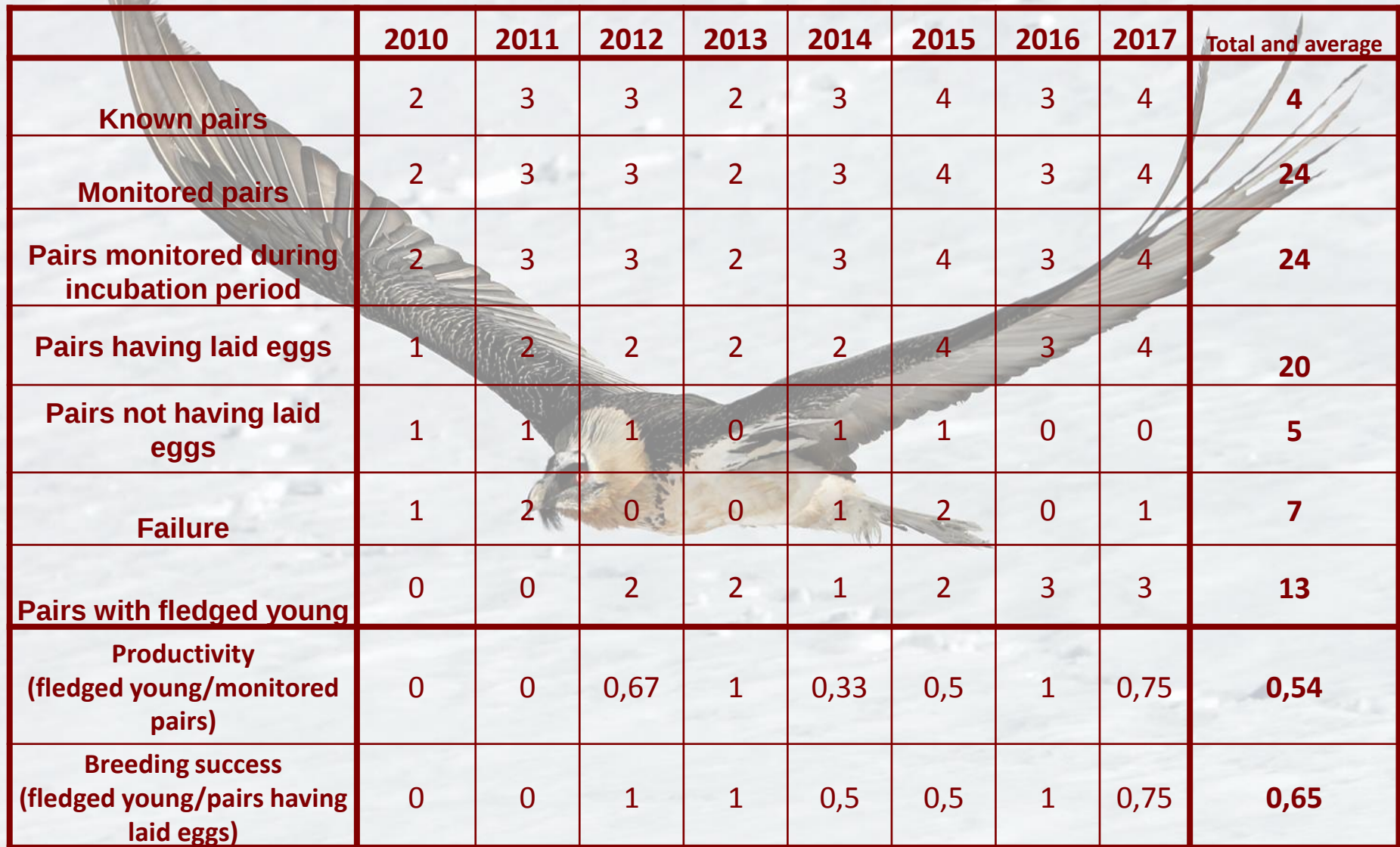
Incubation and failure

Source M. Chiereghin e D. Reteuna



Foto Toni Farina

The reproduction in the Italian Western Alps



	2010	2011	2012	2013	2014	2015	2016	2017	Total and average
Known pairs	2	3	3	2	3	4	3	4	4
Monitored pairs	2	3	3	2	3	4	3	4	24
Pairs monitored during incubation period	2	3	3	2	3	4	3	4	24
Pairs having laid eggs	1	2	2	2	2	4	3	4	20
Pairs not having laid eggs	1	1	1	0	1	1	0	0	5
Failure	1	2	0	0	1	2	0	1	7
Pairs with fledged young	0	0	2	2	1	2	3	3	13
Productivity (fledged young/monitored pairs)	0	0	0,67	1	0,33	0,5	1	0,75	0,54
Breeding success (fledged young/pairs having laid eggs)	0	0	1	1	0,5	0,5	1	0,75	0,65

2018

Cogne

The pair has laid on the 30th of December
Hatching

Valsavarenche

The pair laid around the 19th of January

Val di Rhemes

The trio laid before the 27th of January

Pair n° 4 (Aosta Valley)

The pair laid around the 2nd of February

Pair n° 5 (Aosta Valley)

The pair probably laid before the 3rd of February

Valli di Lanzo

The pair probably laid egg(s)

Reflections

- **Competition with Golden eagle**
- **Inexplicable desertion of territories apparently very suitable**
- **Settled birds alone for times even long**
- **Reasons of formation of trios both polyandrous both polygynous to be still clarified**
- **Females seem determinant in choosing the territory**

Thank for your attention



Foto Alberto Corno