



# Sand flies: updated distribution maps and outcomes

Bulent Alten

Hacettepe University, Ankara-Turkey



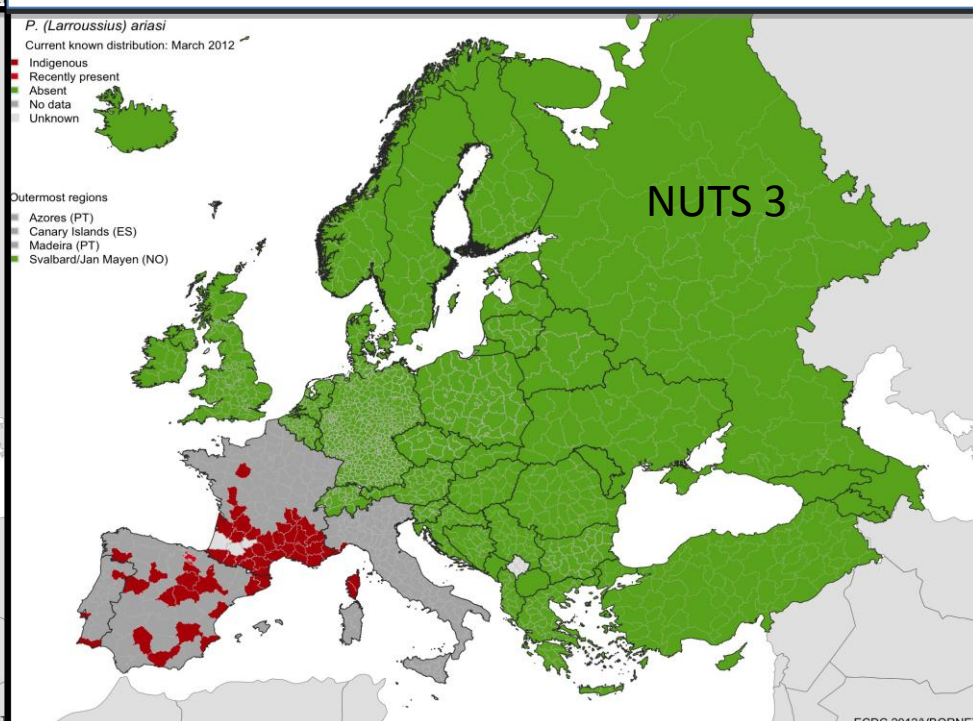
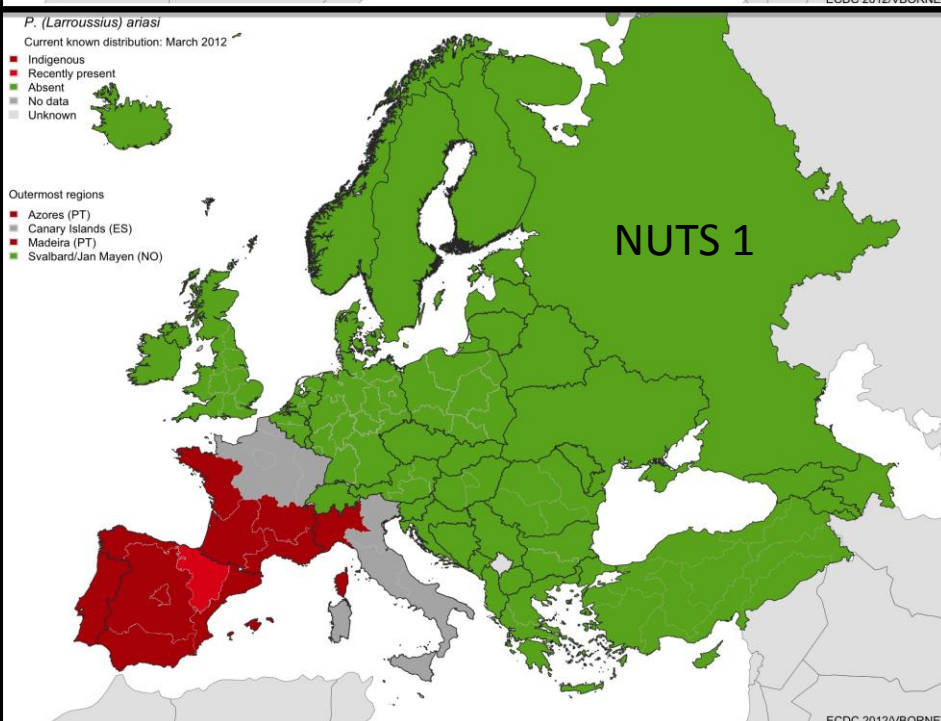
## Phlebotomines species included in the project:

Species	Almost Completed	Under Progress	Completion (%)
<i>P. ariasi</i>	+		95 %
<i>P. perniciosus</i>	+		95 %
<i>P. perfiliewi</i>		+	75 %
<i>P. neglectus/syriacus</i>		+	85 %
<i>P. tobbi</i>		+	85 %
<i>P. papatasi</i>		+	75 %
<i>P. sergenti</i>		+	75 %
<i>P. similis</i>	+		99 %
<i>P. mascittii</i>		+	75 %
<i>P. alexandri</i>	+		99 %



GAPS:

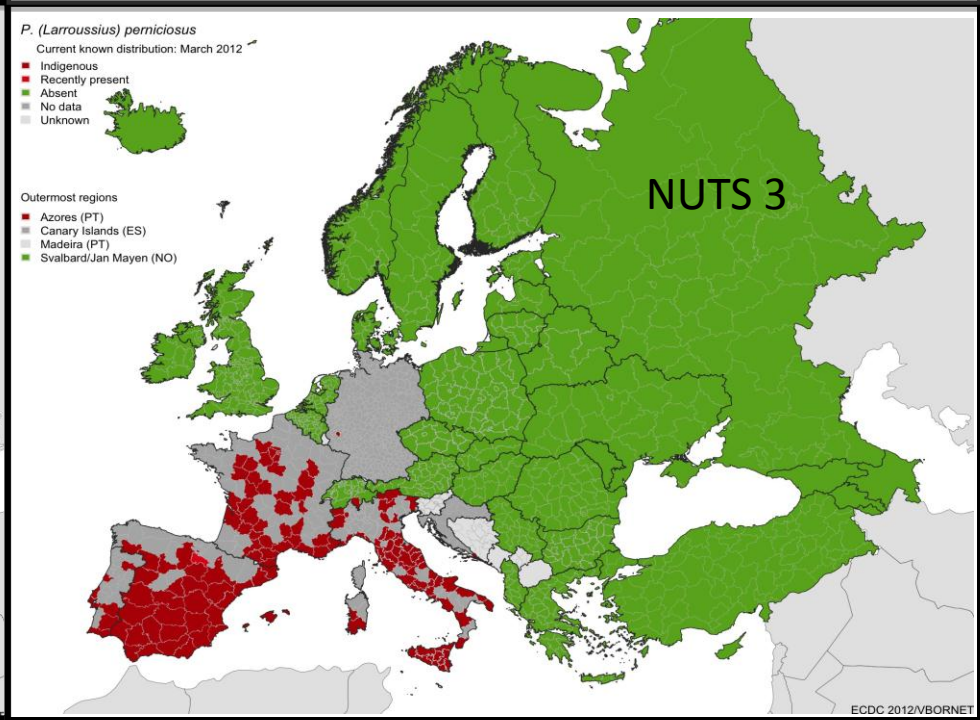
1) Kosova (all nuts levels)





## GAPS:

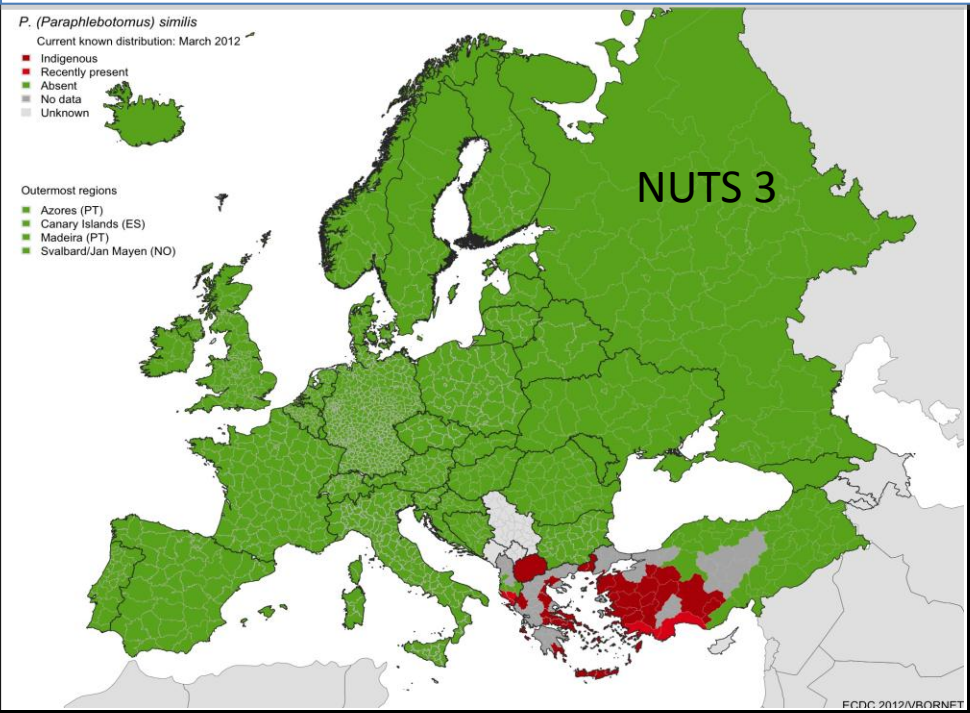
- 1) Kosovo
- 2) Macedonia
- 3) Montenegro
- 4) Bosnia and Herzegovina
- 5) Slovenia (+)
- 6) Luxembourg
- 7) Andorra





GAPS:

- 1) Kosovo
- 2) Serbia
- 3) Montenegro
- 4) Luxembourg
- 5) Andorra



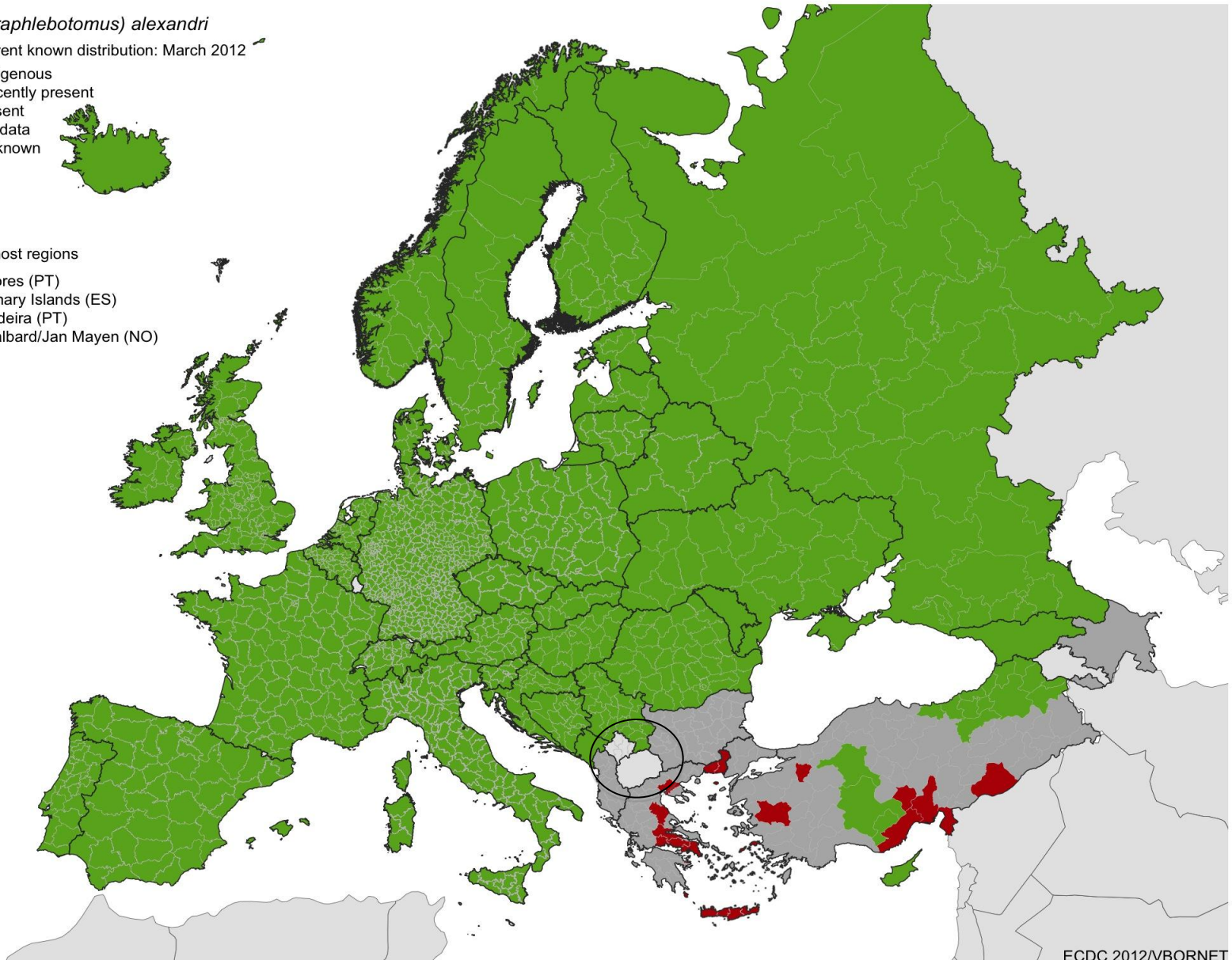
*P. (Paraphlebotomus) alexandri*

Current known distribution: March 2012

- Indigenous
- Recently present
- Absent
- No data
- Unknown

Outermost regions

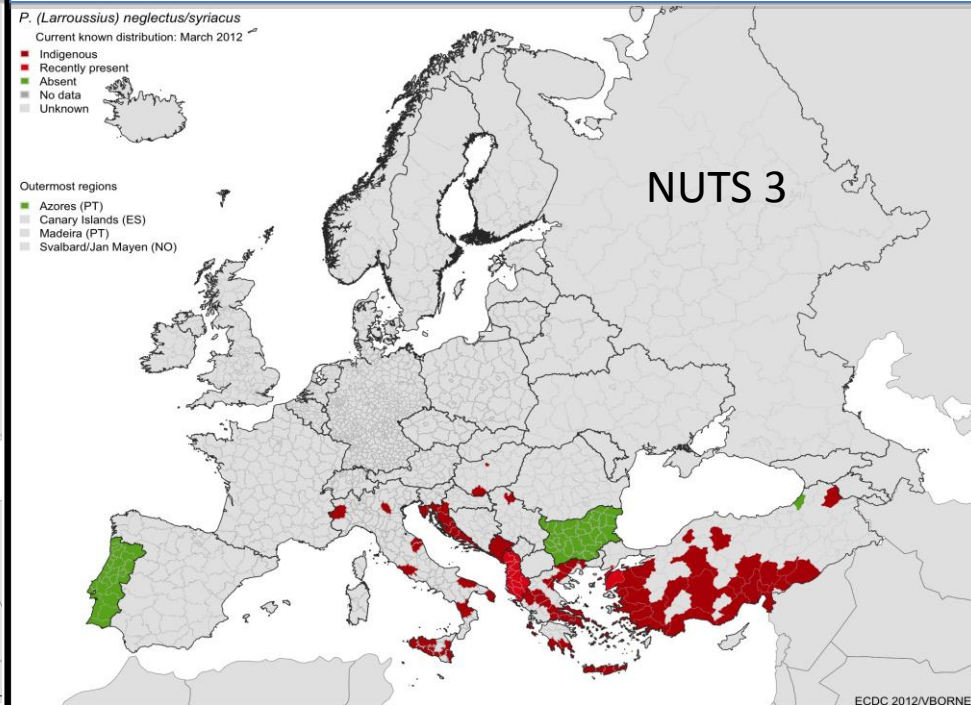
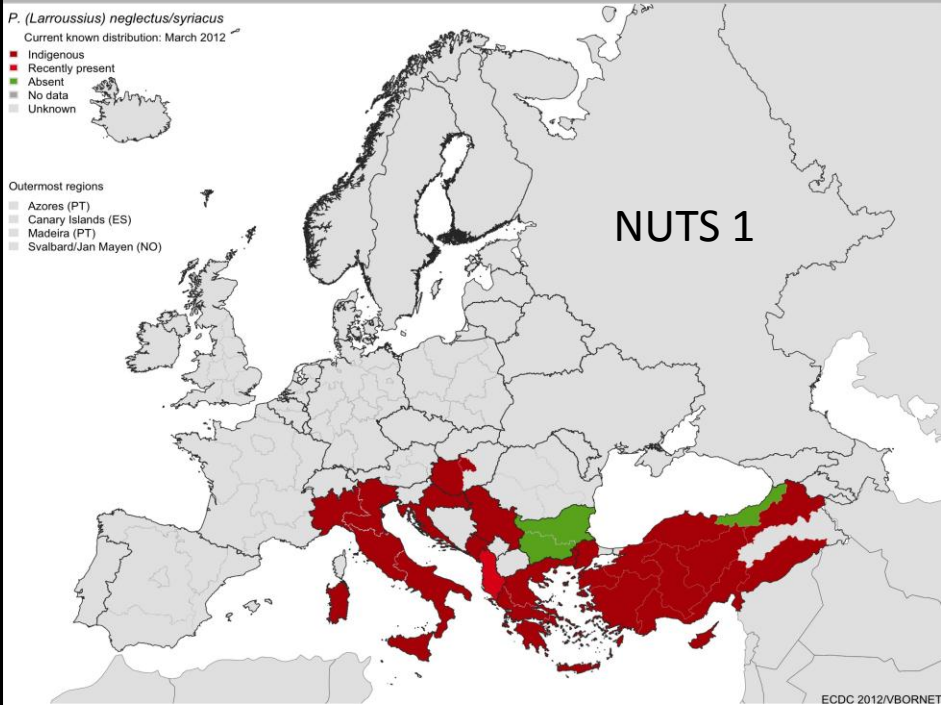
- Azores (PT)
- Canary Islands (ES)
- Madeira (PT)
- Svalbard/Jan Mayen (NO)





## GAPS:

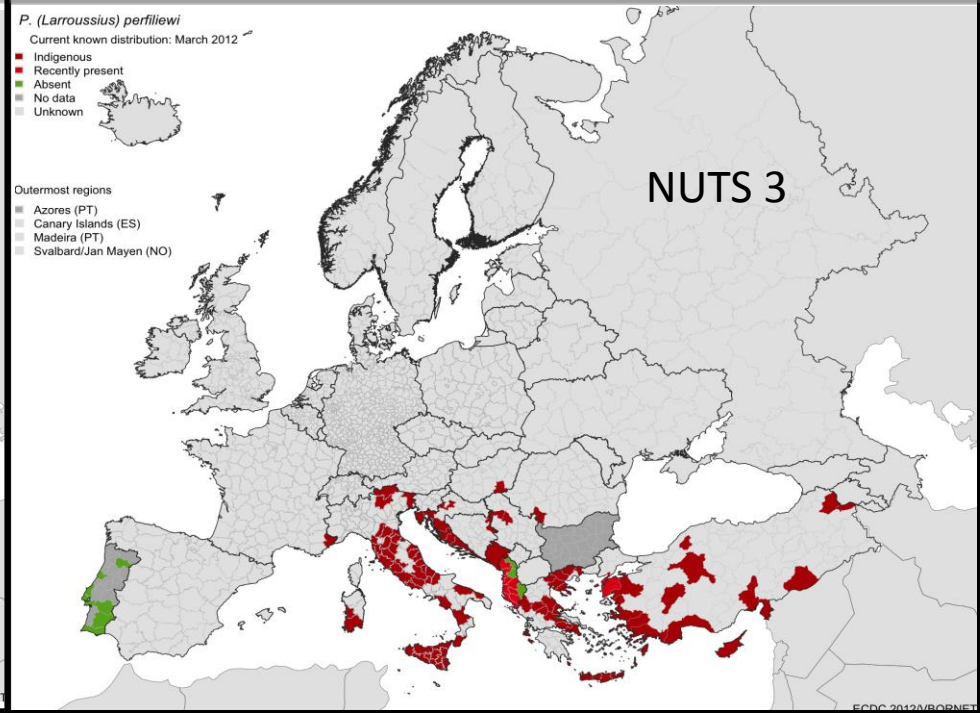
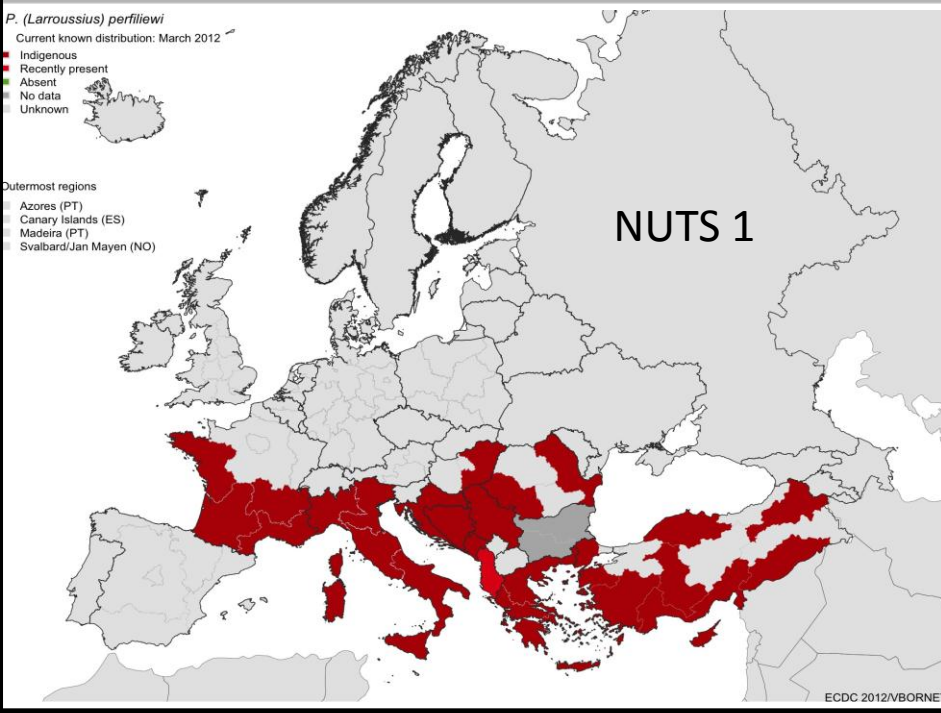
- 1) Kosovo
- 2) Serbia
- 3) Macedonia
- 4) Bosnia and Herzegovina
- 5) Luxembourg
- 6) Andorra





## GAPS:

- 1) Kosovo
- 2) Macedonia
- 3) Luxembourg
- 4) Andorra

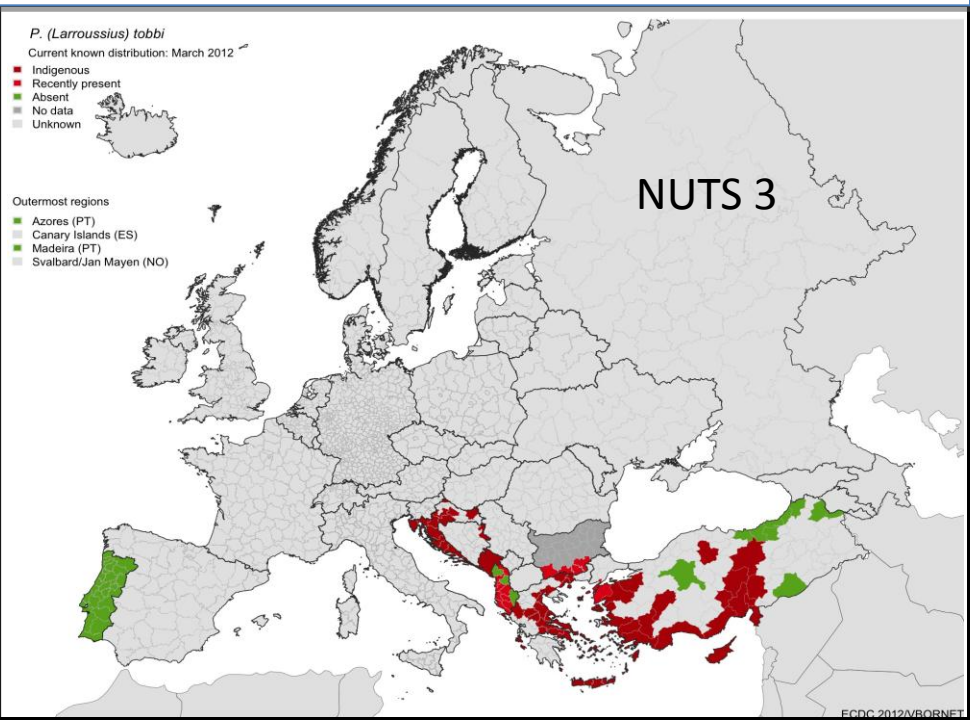
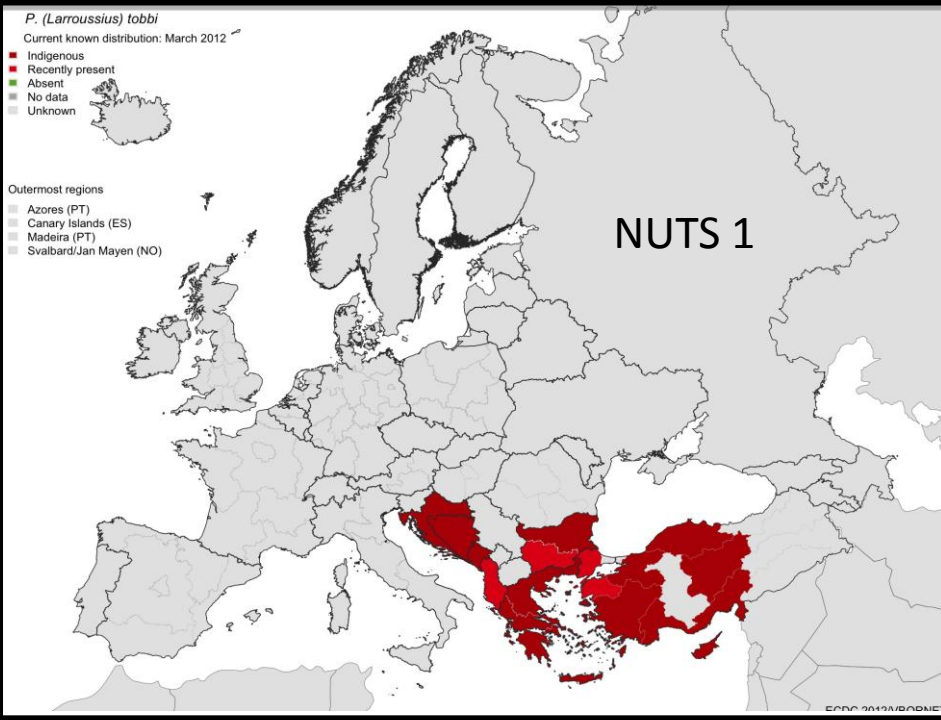






GAPS:

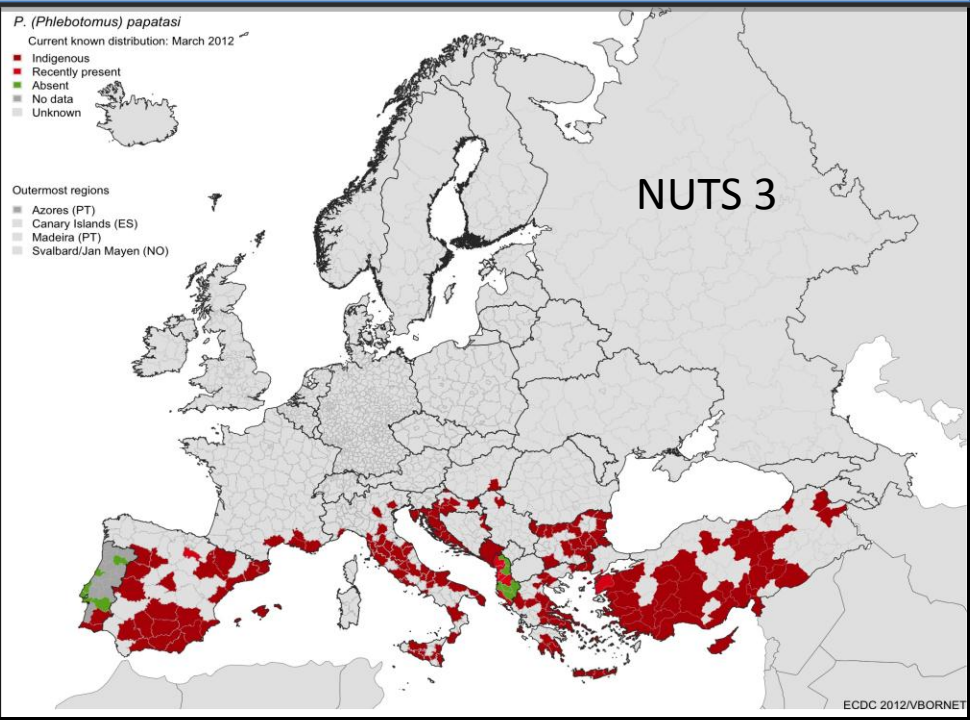
- 1) Kosovo
- 2) Luxembourg
- 3) Andorra





GAPS:

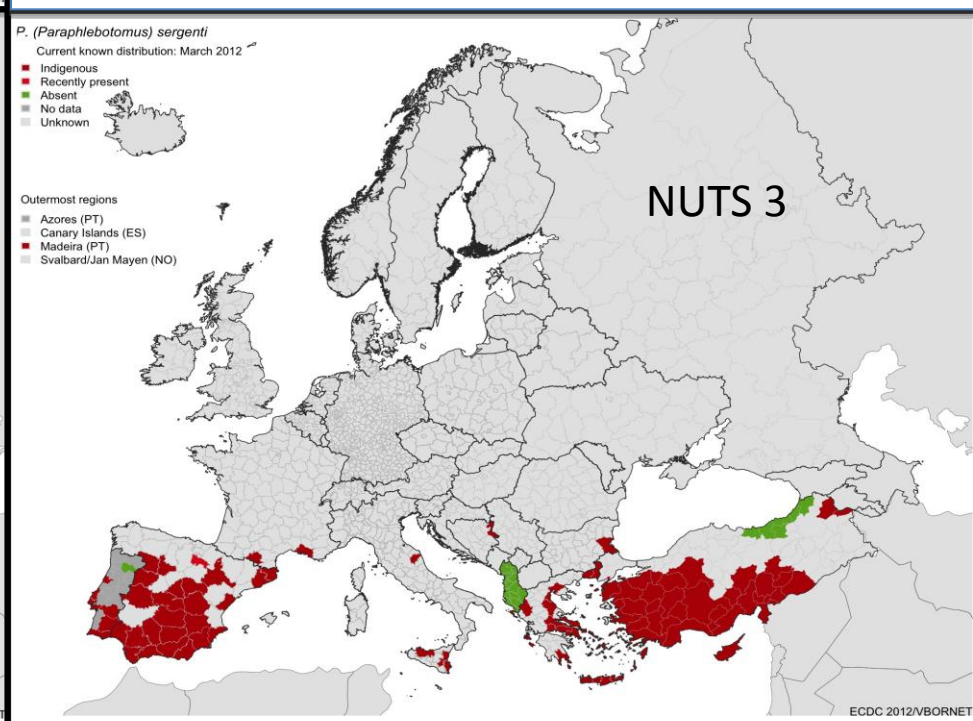
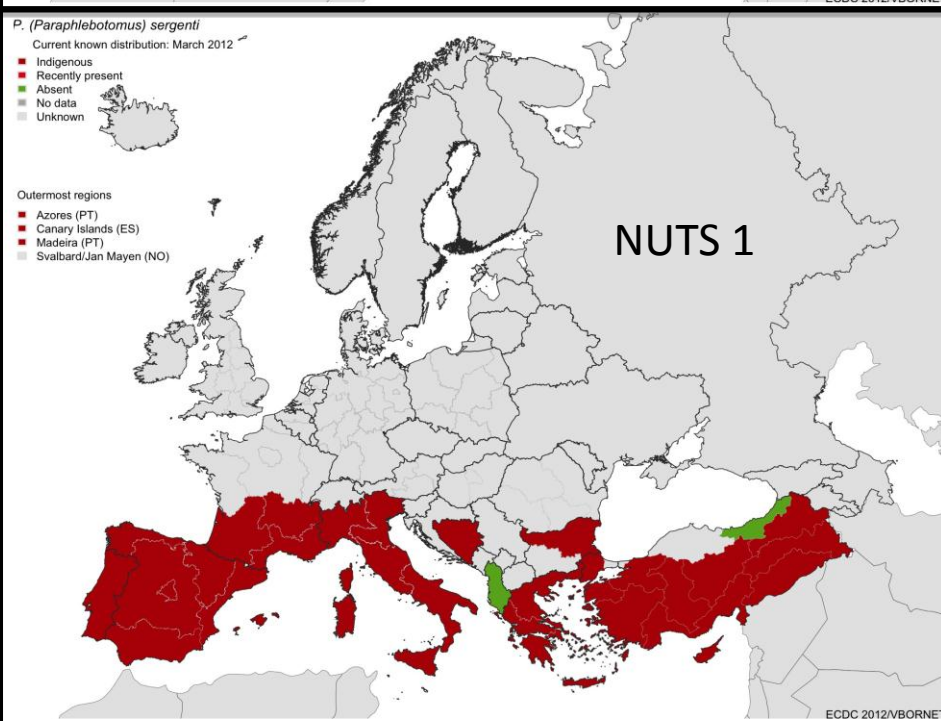
- 1) Kosovo
- 2) Macedonia
- 3) Luxembourg
- 4) Andorra





## GAPS:

- 1) Kosovo
- 2) Luxembourg
- 3) Andorra



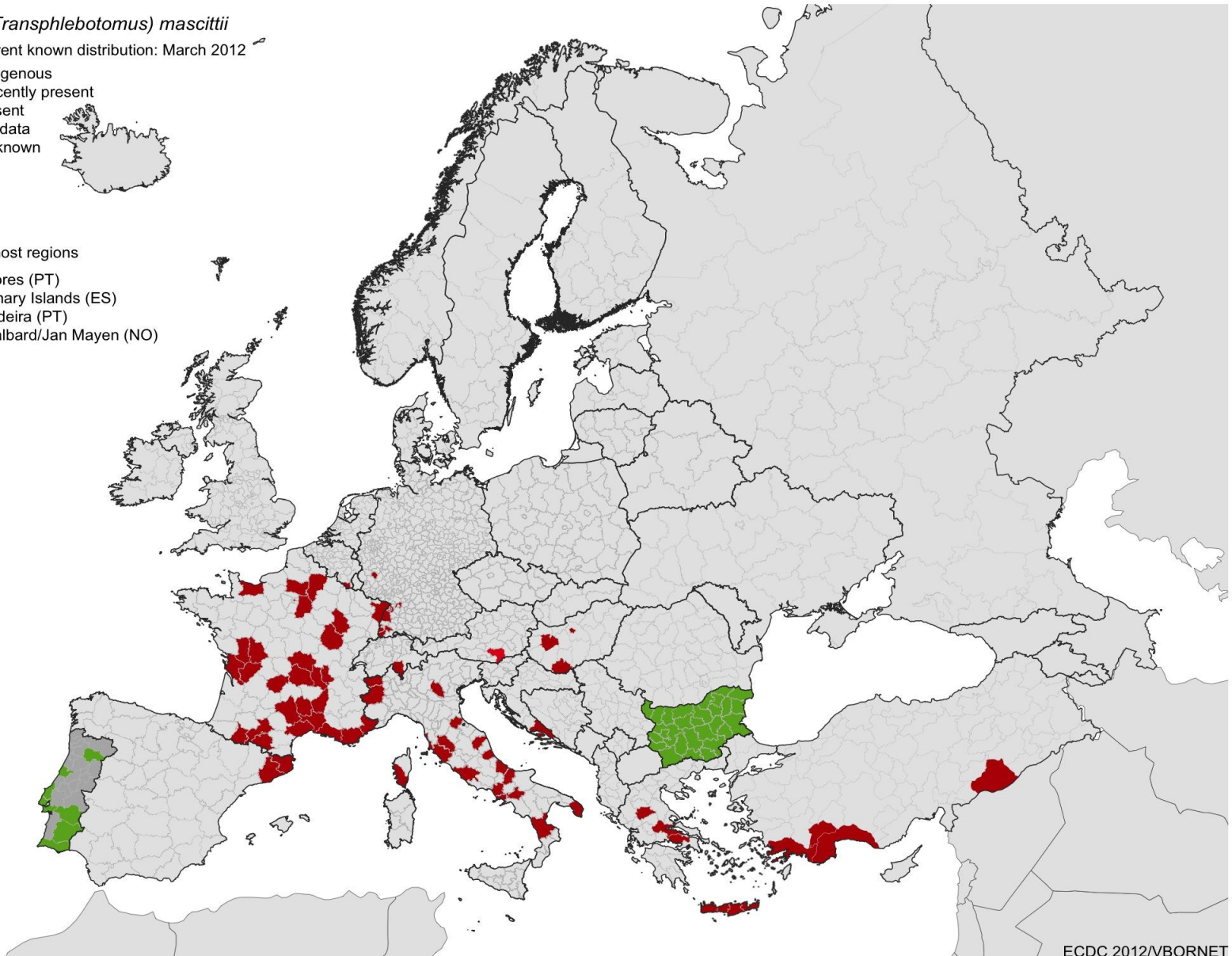
*Phl. (Transphlebotomus) mascittii*

Current known distribution: March 2012

- Indigenous
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- Absent
- No data
- Unknown

Outermost regions

- Azores (PT)
- Canary Islands (ES)
- Madeira (PT)
- Svalbard/Jan Mayen (NO)





Estimated completion time of the maps:

Species	July 2012	October 2012	January 2013	Completion now (%)
<i>P. ariasi</i>	+			95 %
<i>P. perniciosus</i>	+			95 %
<i>P. perfiliewi</i>			+	75 %
<i>P. neglectus/syriacus</i>		+		85 %
<i>P. tobbi</i>		+		85 %
<i>P. papatasi</i>			+	75 %
<i>P. sergenti</i>			+	75 %
<i>P. similis</i>	+			99 %
<i>P. mascittii</i>		+		75 %
<i>P. alexandri</i>	+			99 %



# 18th Conference E-sove 2012



General  
information

Scientific  
programme

Social  
programme



- ▶ Submission
- ▶ Registration
- ▶ Key dates



News

Opening of registration: **30<sup>th</sup> March 2012**

Opening of submissions: **coming soon**



- ▶ Scientific committee
- ▶ Organising committees
- ▶ Sponsors
- ▶ Organisers
- ▶ Partners



▶ Press



## Welcome to the 18th E-SOVE Conference, 8 - 11th October 2012

### "From biology to integrated control in a changing world"

Montpellier network on Vectors and Emerging Diseases (VME), is pleased to invite you to participate in the 18th E-SOVE Conference Montpellier 2012, organised in the "Palais des Congrès" of the Corum, Montpellier, France, from 8th to 11th October 2012. Approximately 300 participants are expected, mainly from Europe but also from America, Africa and Middle East.

For the 18th edition, the E-SOVE « European Society of Vector Ecology » conference comes back to its homeland, Montpellier, where the E-SOVE founding conference was held in 1986. Montpellier and its region host the largest European community of researchers, engineers and students in the field of nuisance and vector arthropods, with several thousand researchers, research lecturers, engineers and technicians working in this field at IRD, EID Méditerranée, CIRAD, in the universities, at CNRS and at INRA. This community is structured by the Montpellier network on Vectors and Emerging Diseases (VME) founded in 2008.

[www.esove2012.eu](http://www.esove2012.eu)

Conference