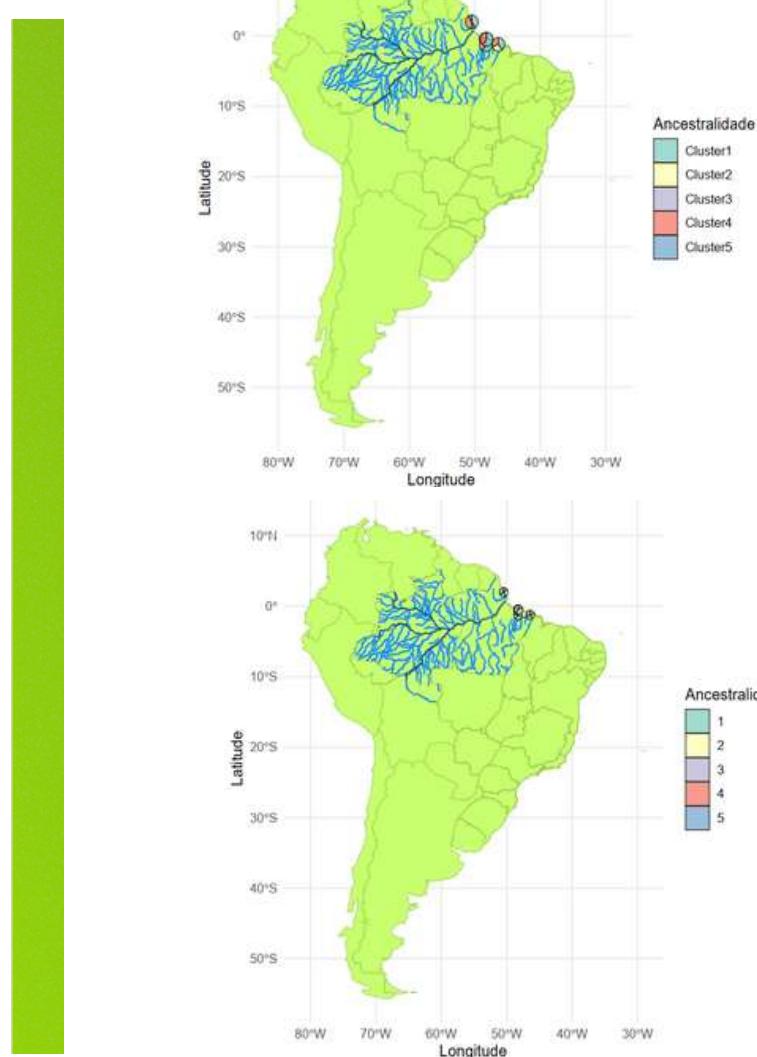


Figure S2. Map showing the composition of genetic assignments for each geographic locality according to the BAPS program (top) and DAPC (bottom) for Amazon river. The inset on the left displays the plot at a smaller scale, while the panel on the right shows the plot at a larger scale.

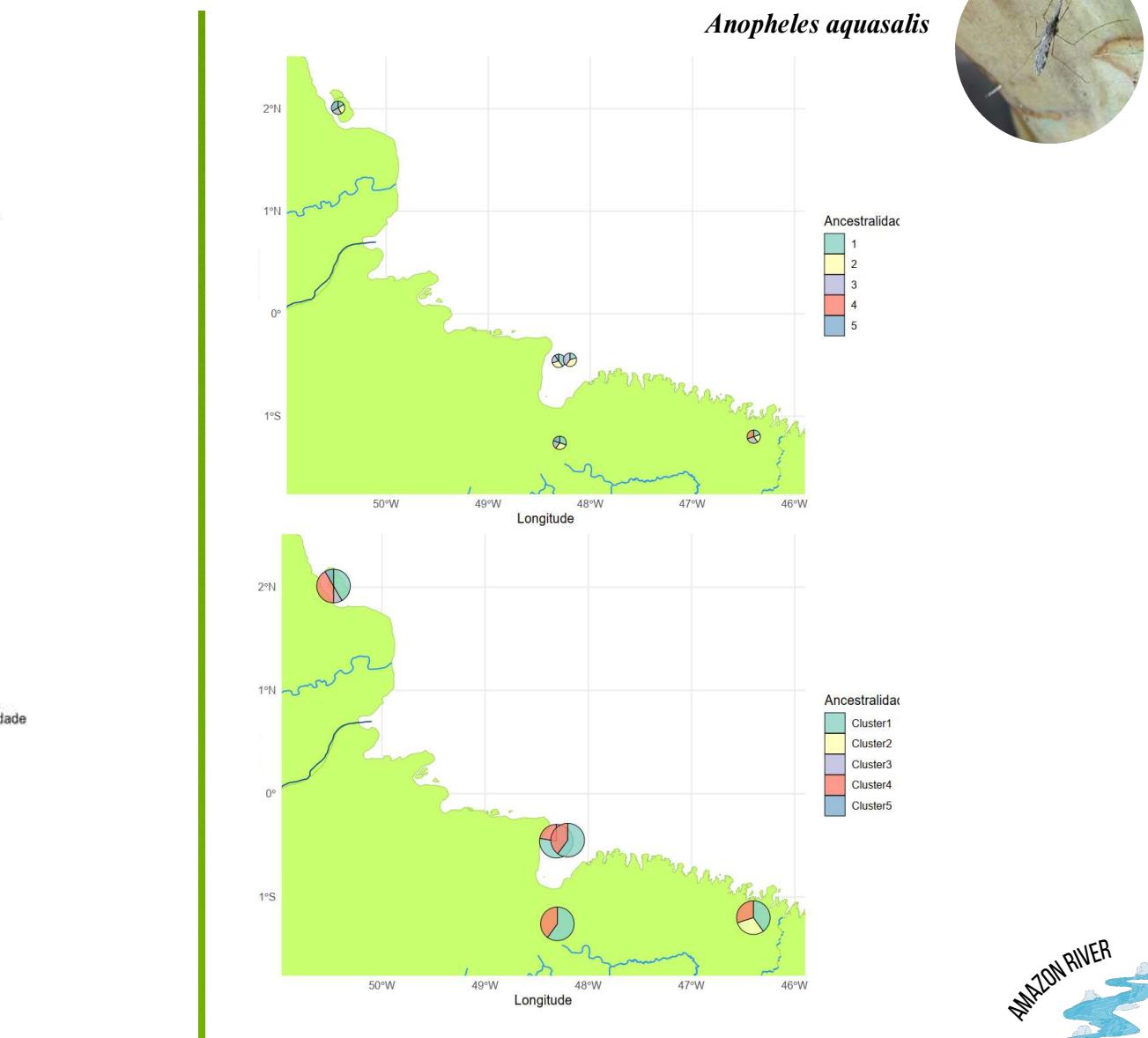
Population structure

Fairley et al. 2002

BAPS



DAPC



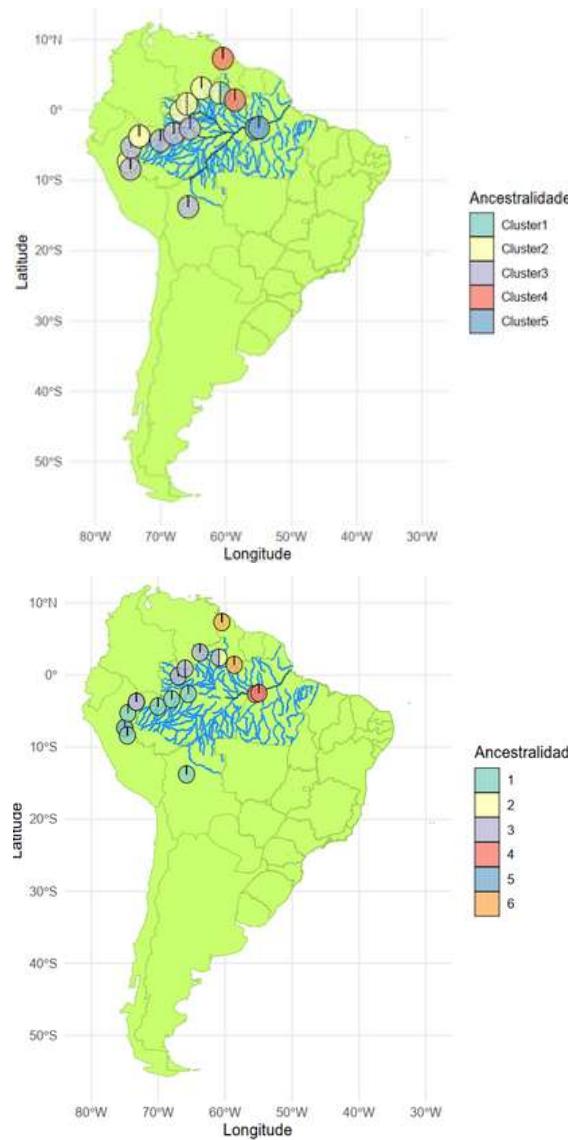
Anopheles aquasalis



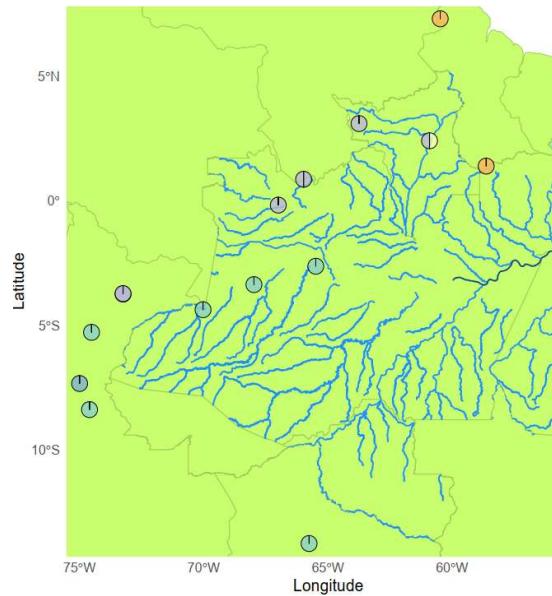
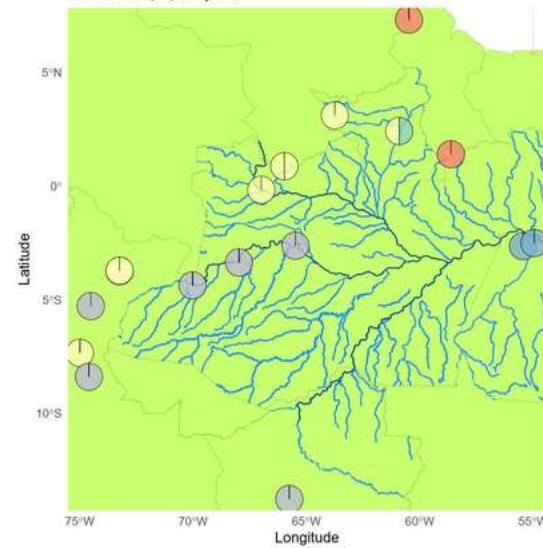
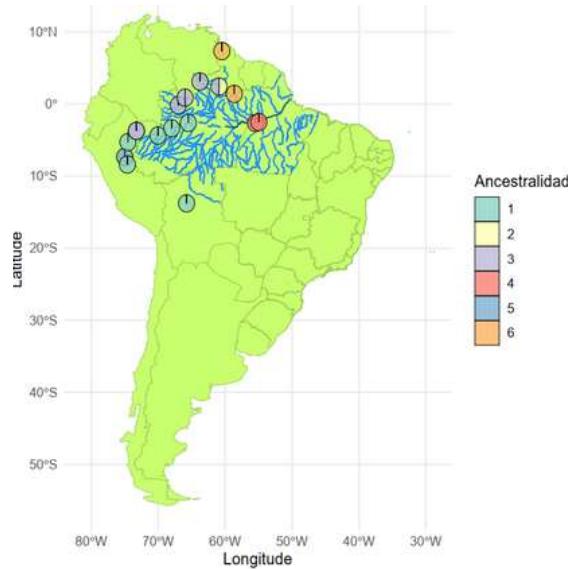
Population structure

Armenta, Weckstein & Lane. 2005

BAPS



DAPC



Capito niger



C. brunneipectus



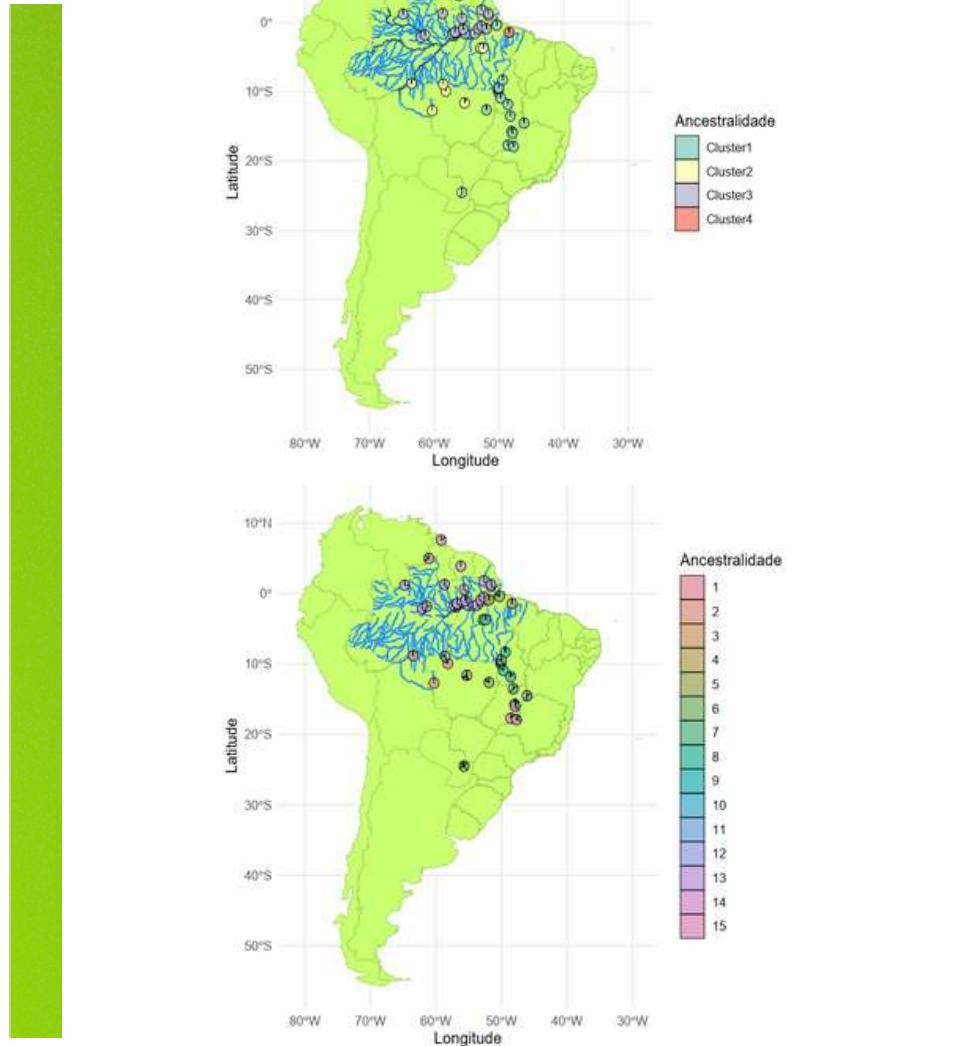
C. auratus



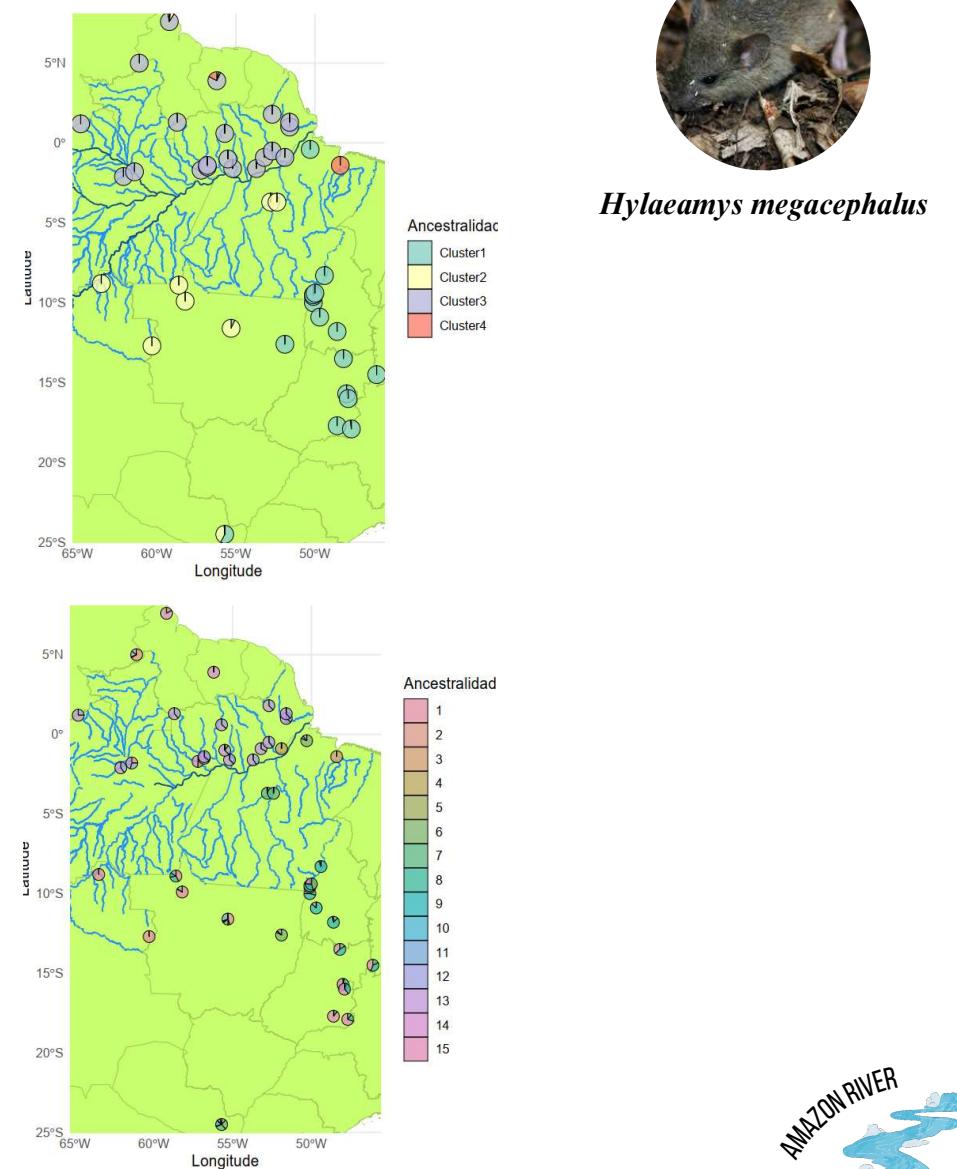
Population structure

Machado et al. 2019

BAPS



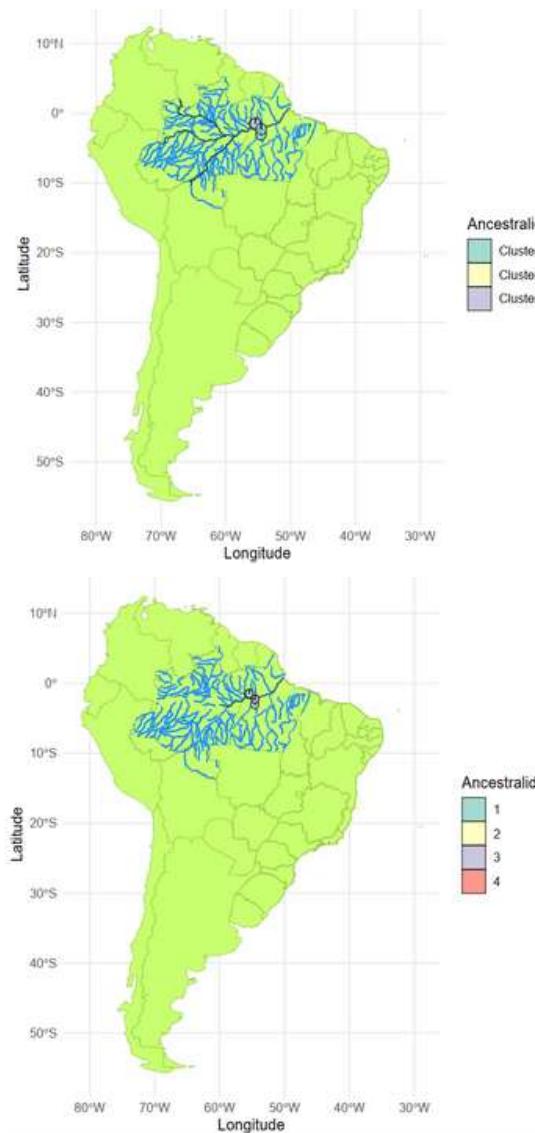
DAPC



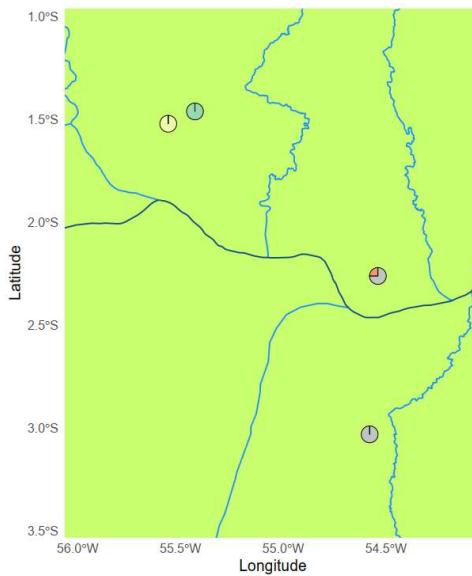
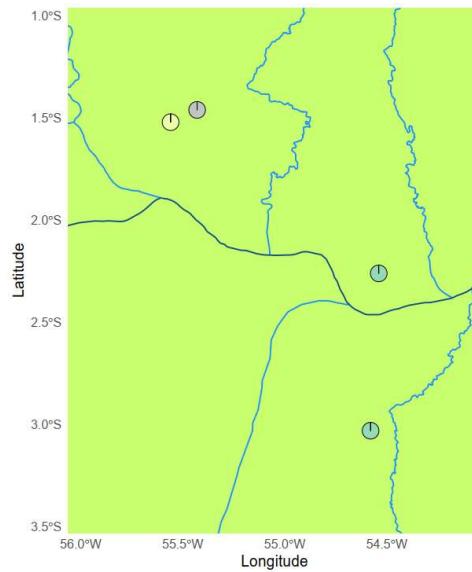
Population structure

Gibbs et al. 2018

BAPS



DAPC



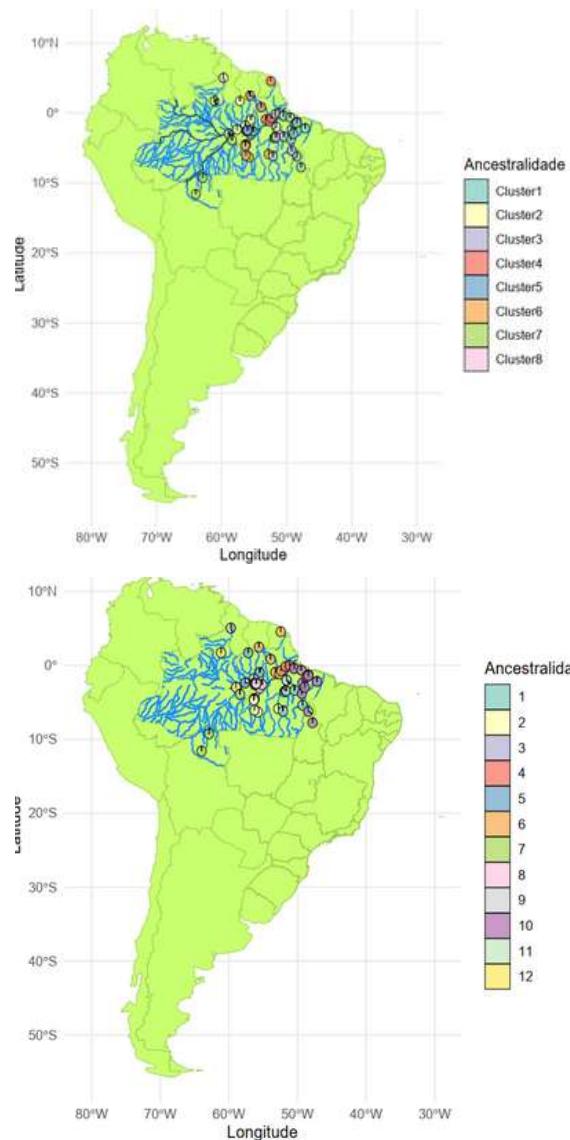
Bothrops atrox



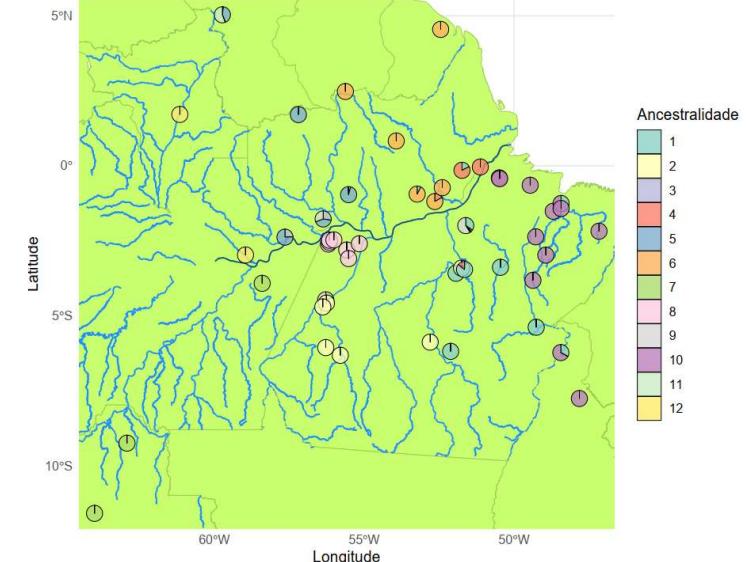
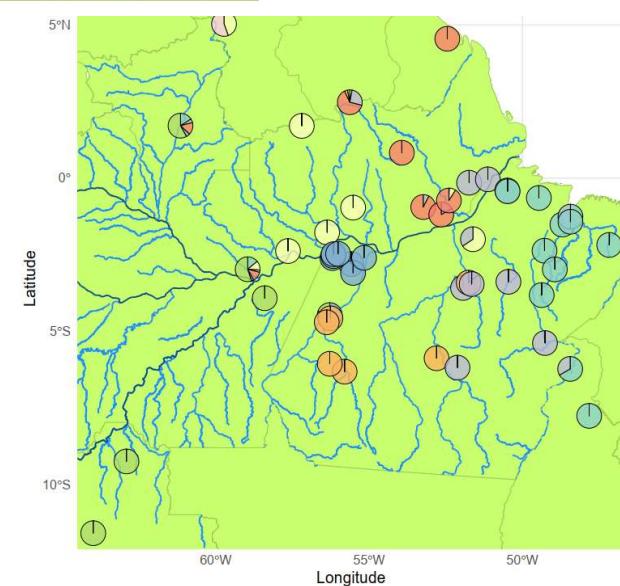
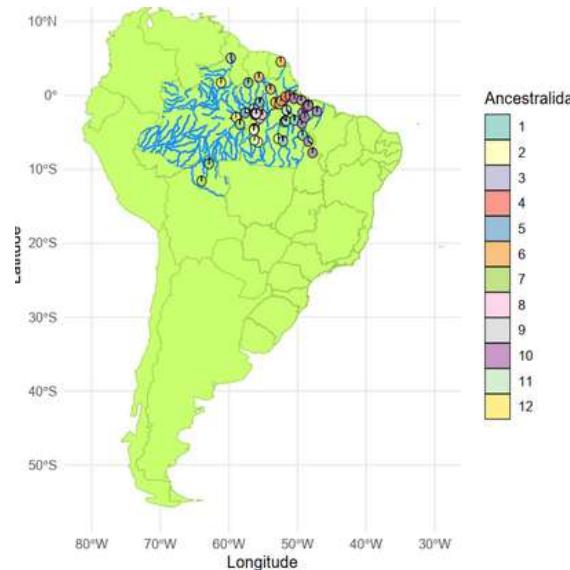
Population structure

Cronemberger et al. 2022

BAPS



DAPC



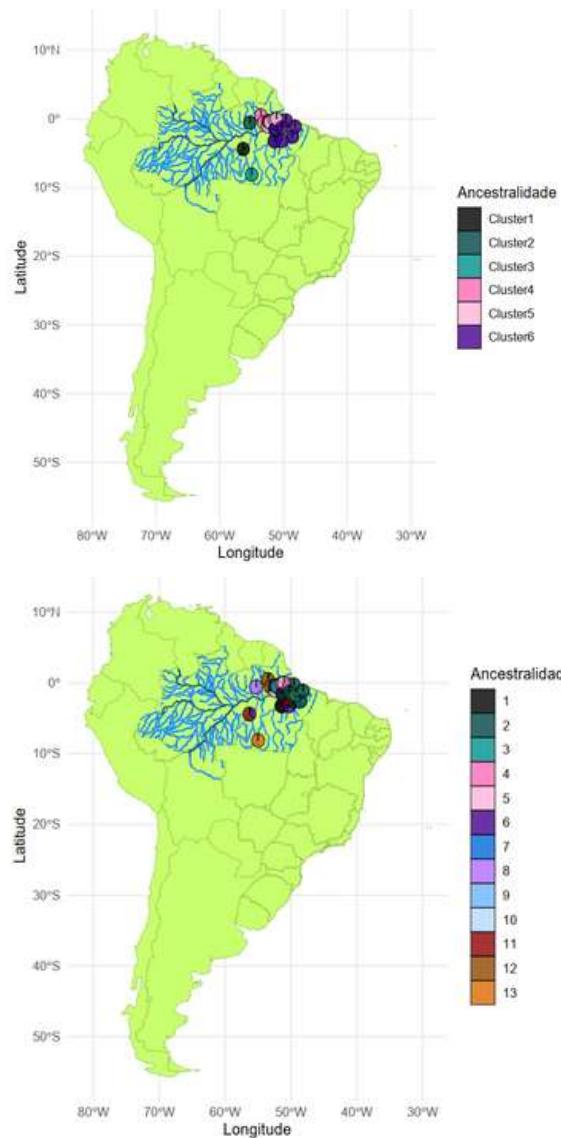
Kentropyx calcarata



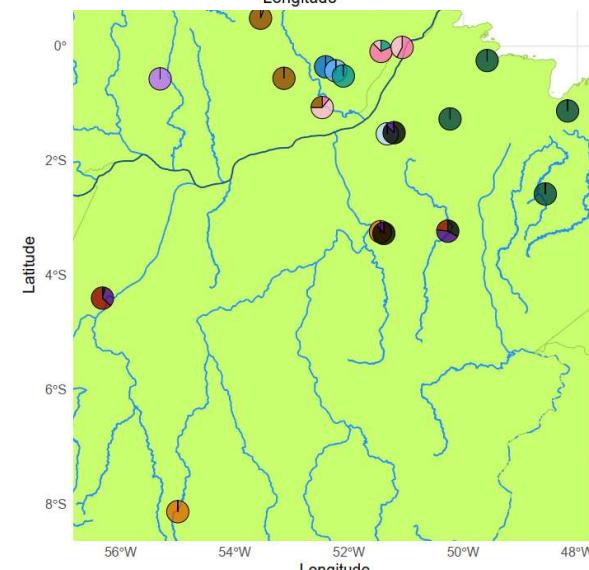
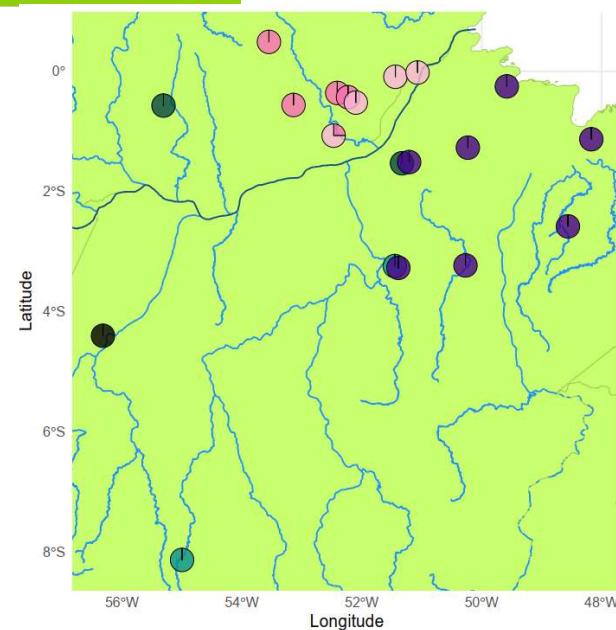
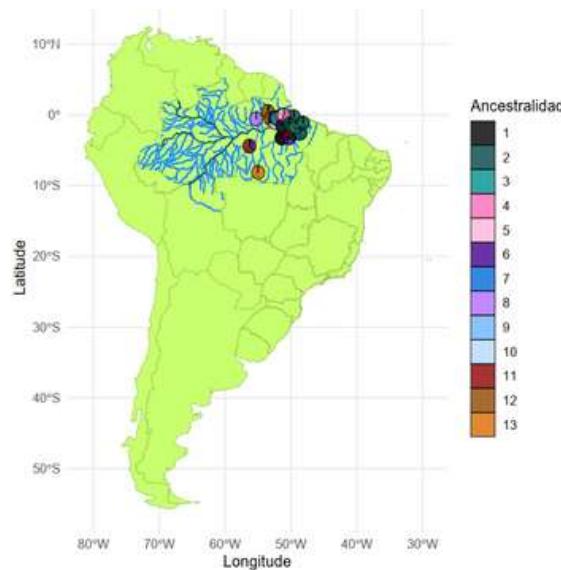
Population structure

Avila-Pires et al. 2012

BAPS



DAPC



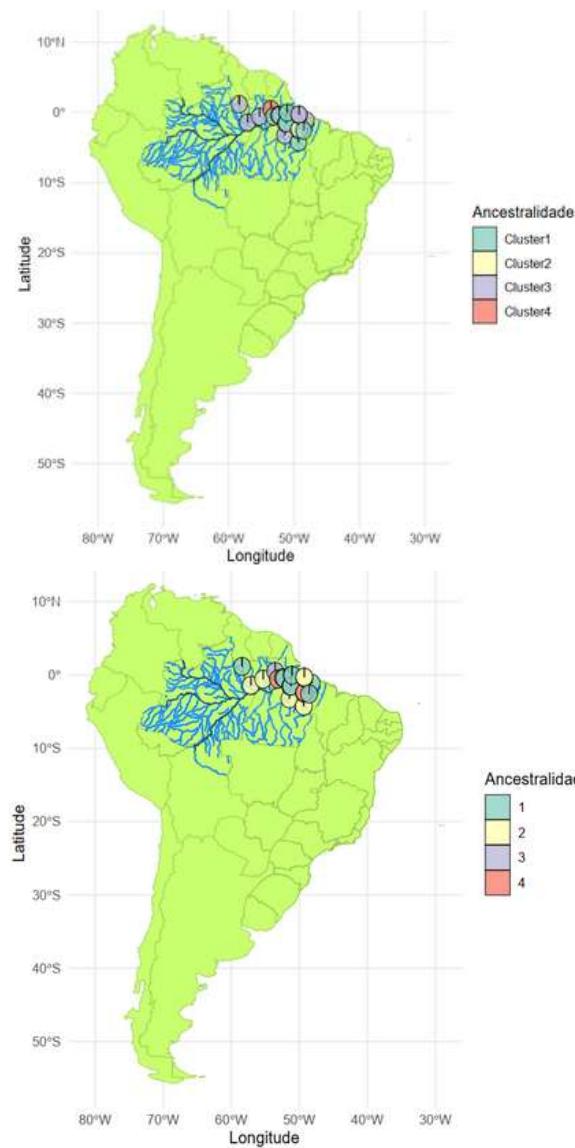
Kentropyx calcarata



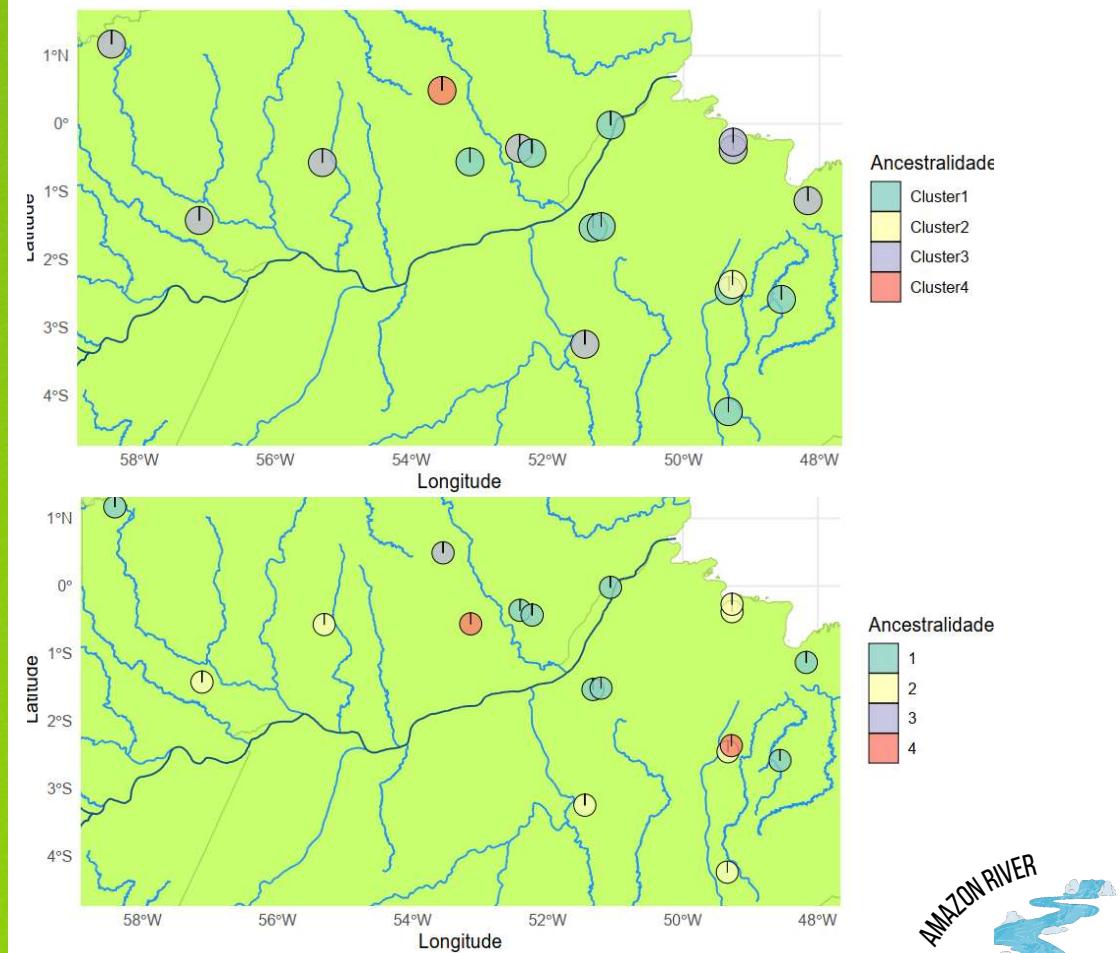
Population structure

Avila-Pires et al. 2012

BAPS



DAPC



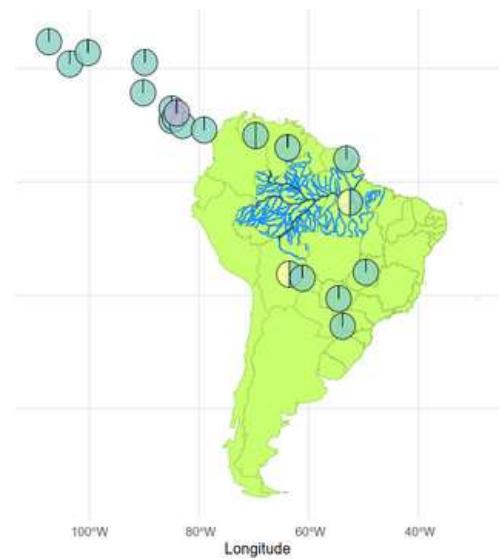
Gonatodes humeralis



Population structure

Eizirik et al. 2000

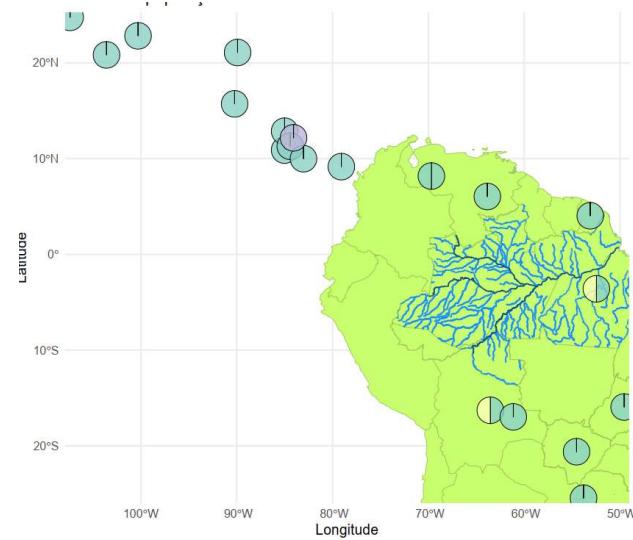
BAPS



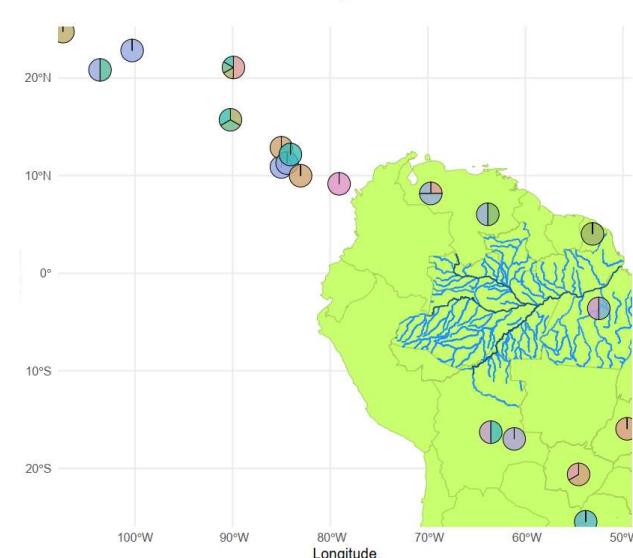
Ancestra
Cluster1
Cluster2
Cluster3



Ancestri
1
2
3
4
5
6
7
8
9
10
11



Ancestralidade
Cluster1
Cluster2
Cluster3



Ancestralidad
1
2
3
4
5
6
7
8
9
10
11



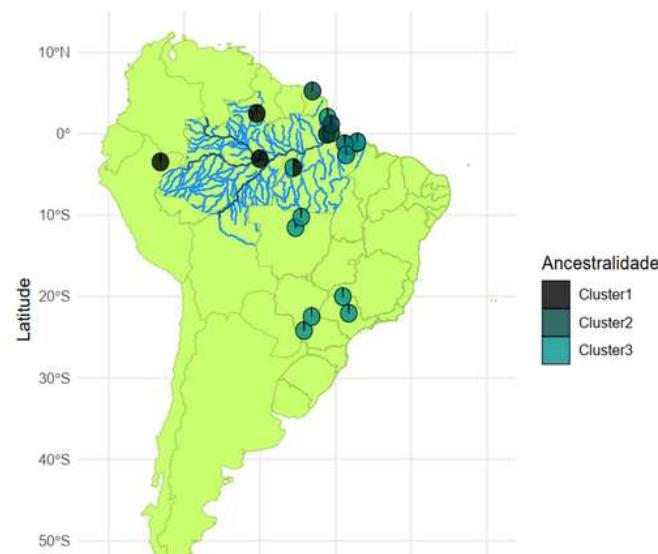
Panthera onca



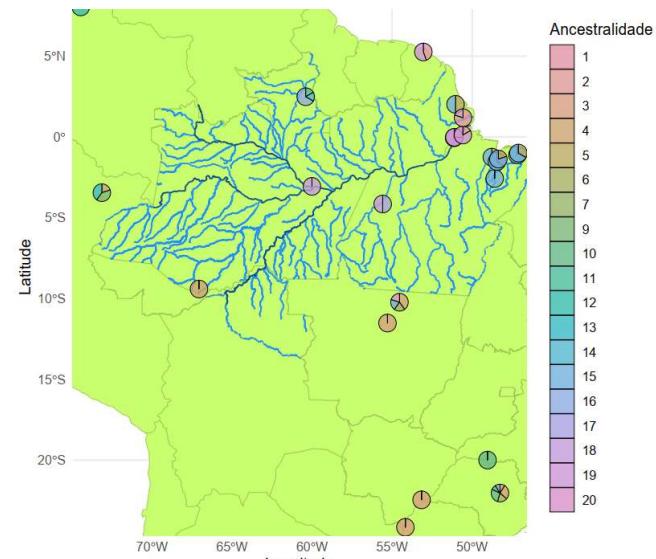
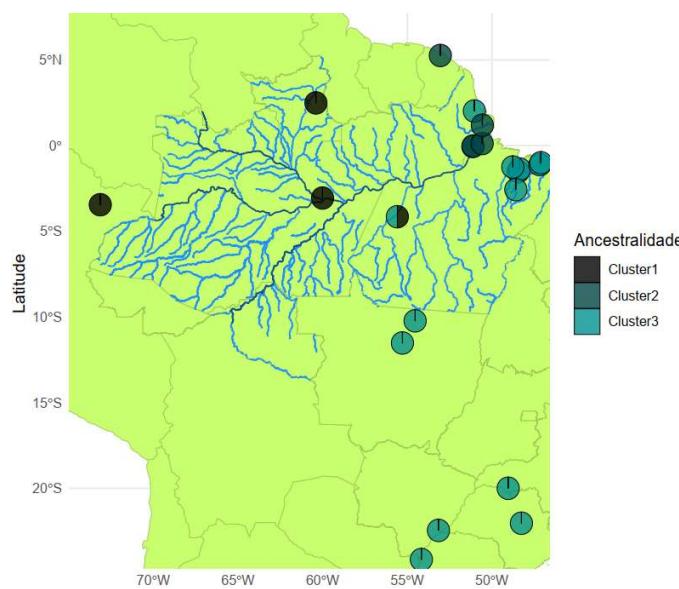
Population structure

Pedro & Sallum, 2009

BAPS



DAPC



Population structure

Santos et al. 2022

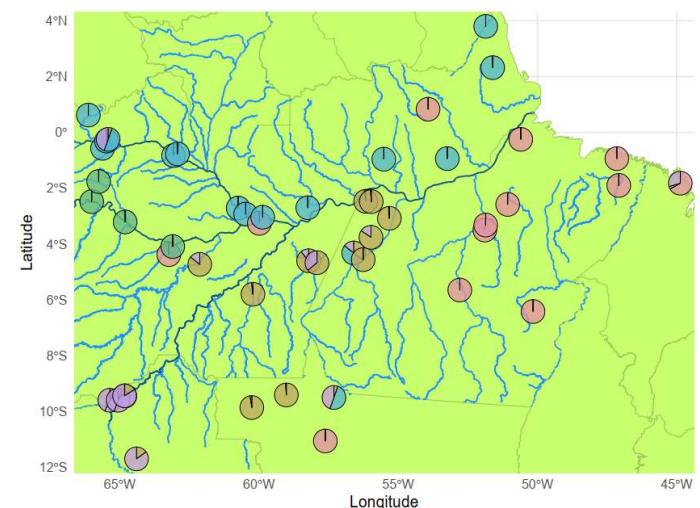
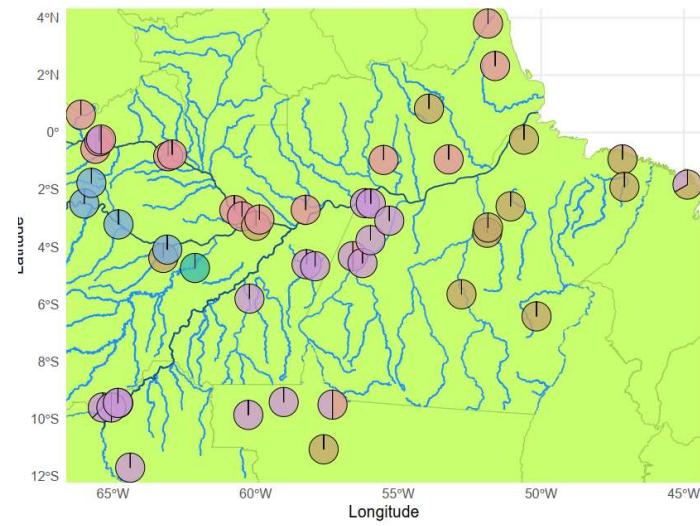


Uranoscodon superciliosus

BAPS



DAPC



Ancestralidade

- Cluster1
- Cluster2
- Cluster3
- Cluster4
- Cluster5
- Cluster6

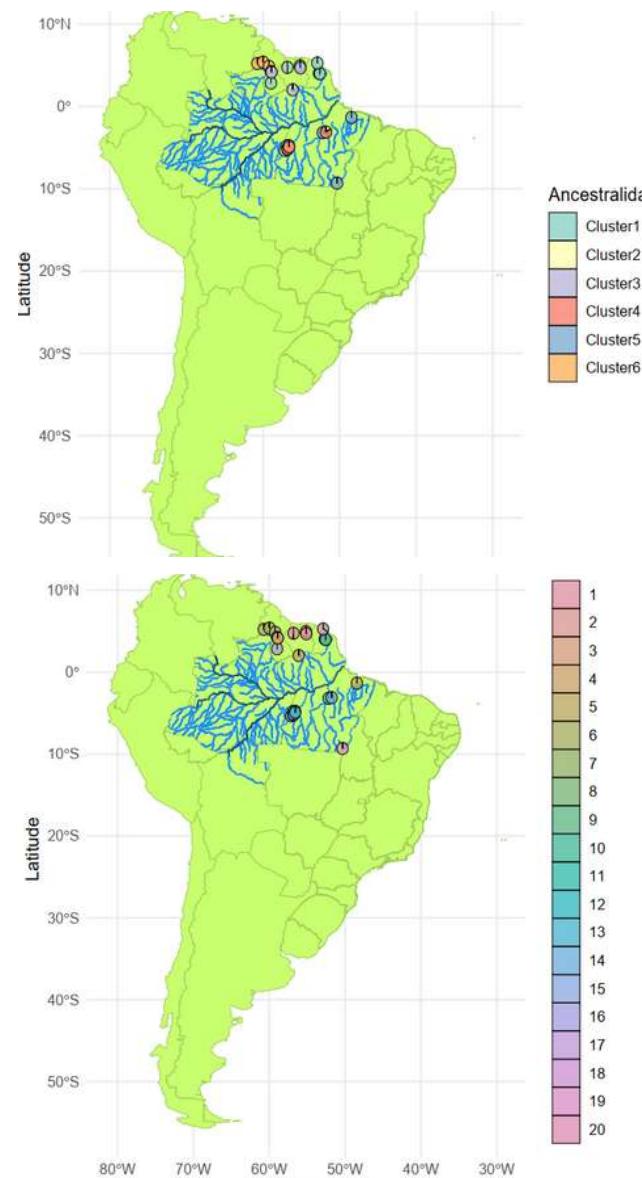
Ancestralidade

- 1
- 2
- 3
- 4
- 5

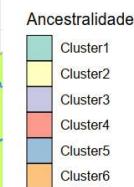
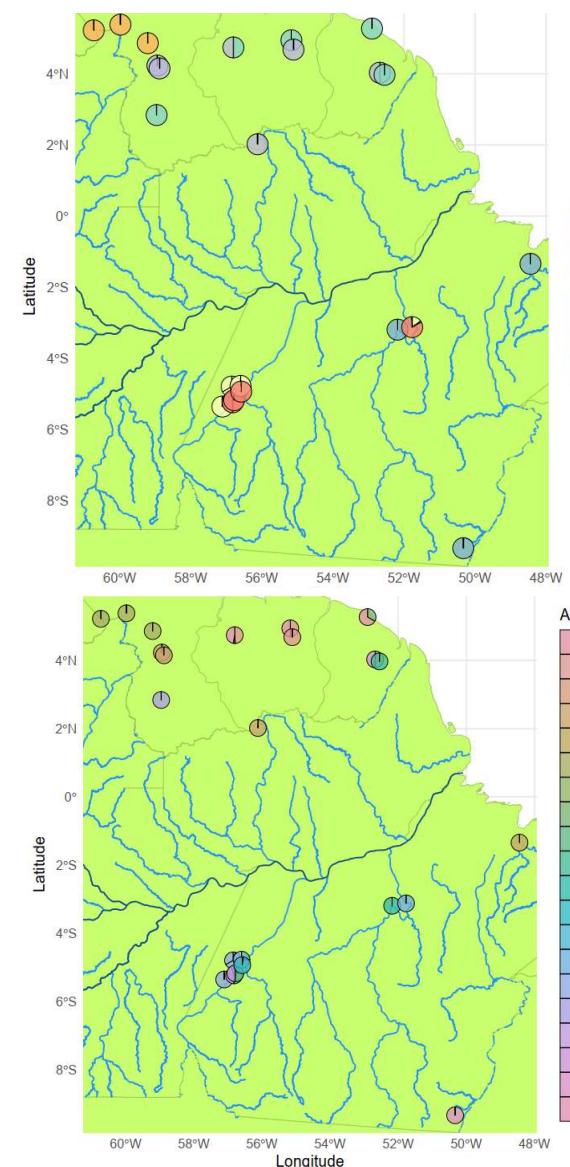
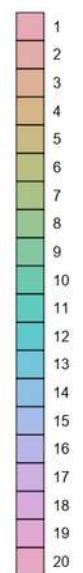
Population structure

Guimarães et al. 2021

BAPS



DAPC



Marmosops pinheiroi



M. woodalli

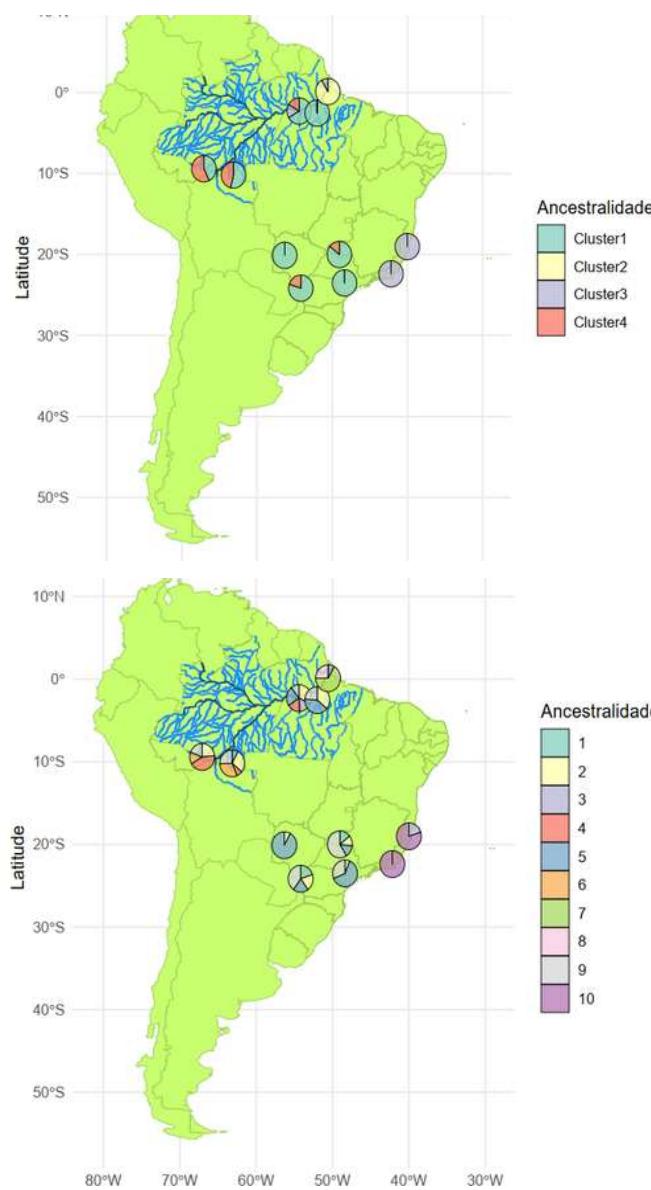


M. marina

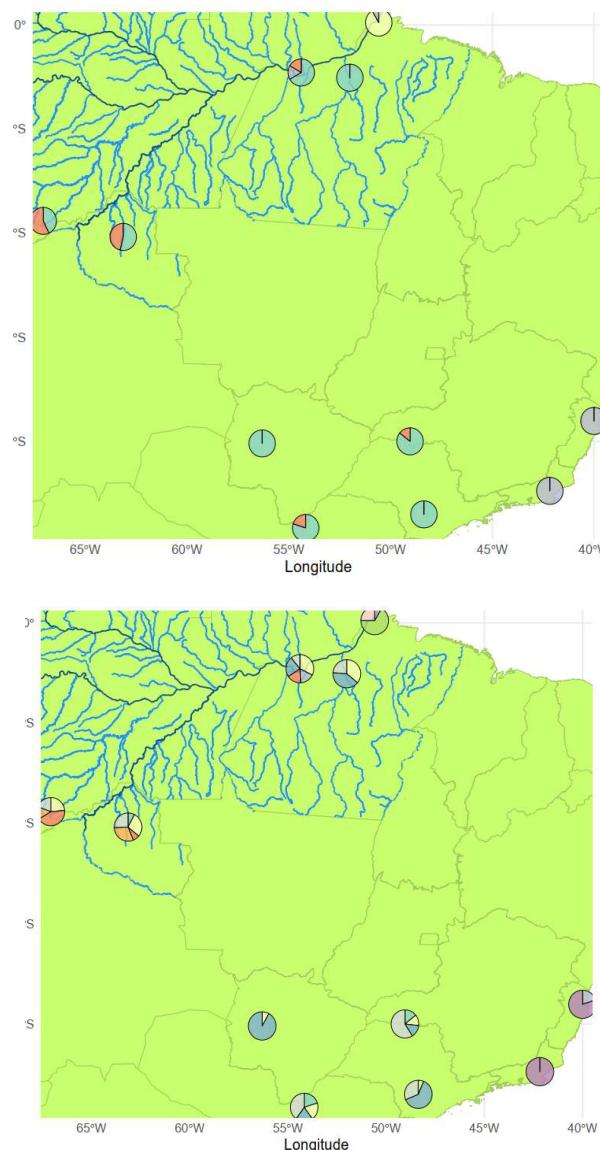


Population structure

BAPS



Pedro, Uezu & Sallum, 2010



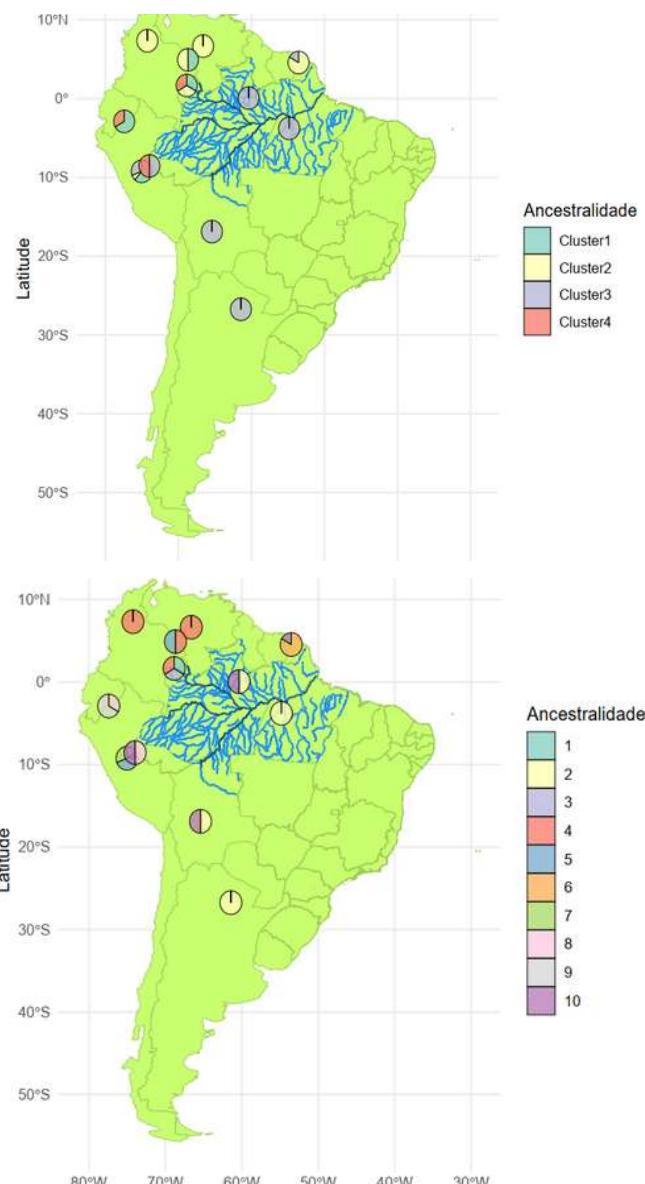
Anopheles triannulatus



Population structure

De Thoisy et al. 2010

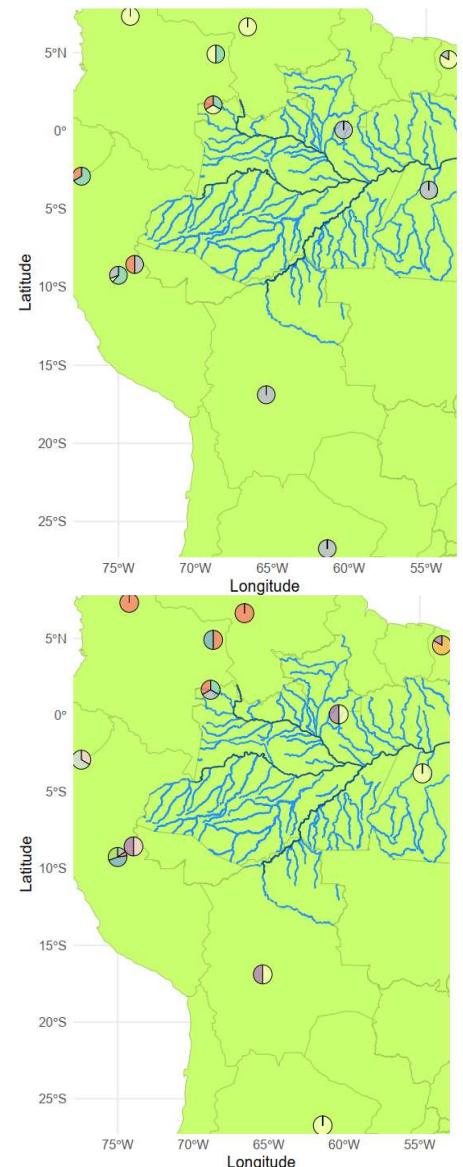
BAPS



DAPC



AMAZON RIVER

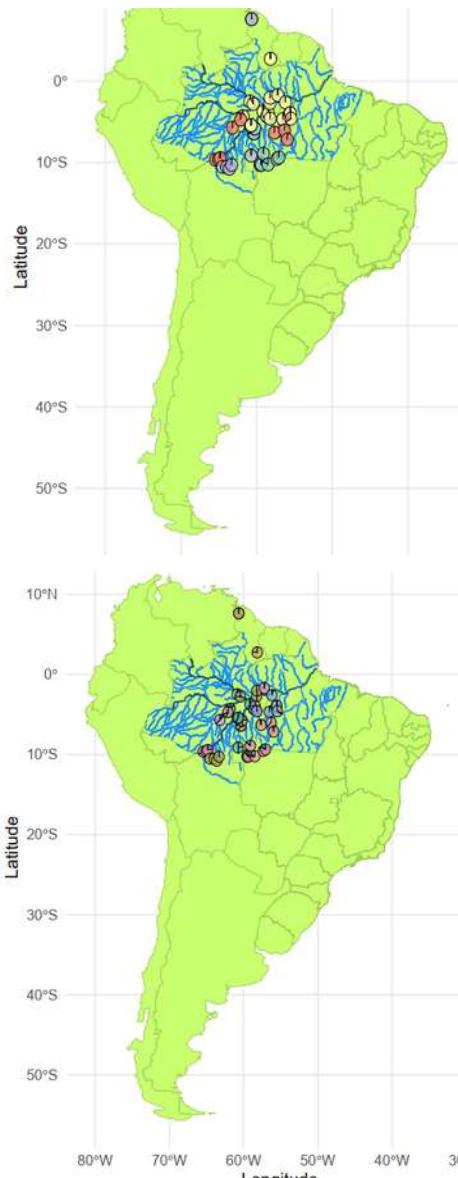


Tapirus terrestris



Population structure

BAPS



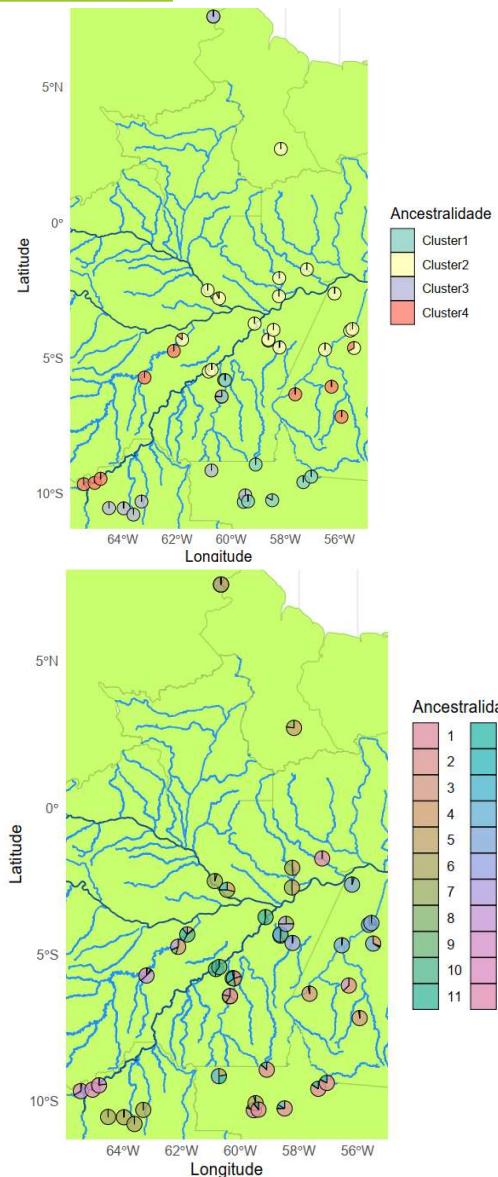
Ancestralidade
Cluster1
Cluster2
Cluster3
Cluster4

DAPC



Ancestralidade
1 12
2 13
3 14
4 15
5 16
6 17
7 18
8 19
9 20
10 21
11 22
12 1
13 2
14 3
15 4
16 5
17 6
18 7
19 8
20 9
21 10
22 11

Marques-Souza et al. 2019



Ancestralidade
Cluster1
Cluster2
Cluster3
Cluster4

Ancestralidade
1 12
2 13
3 14
4 15
5 16
6 17
7 18
8 19
9 20
10 21
11 22
12 1
13 2
14 3
15 4
16 5
17 6
18 7
19 8
20 9
21 10
22 11

Loxopholis osvaldoi



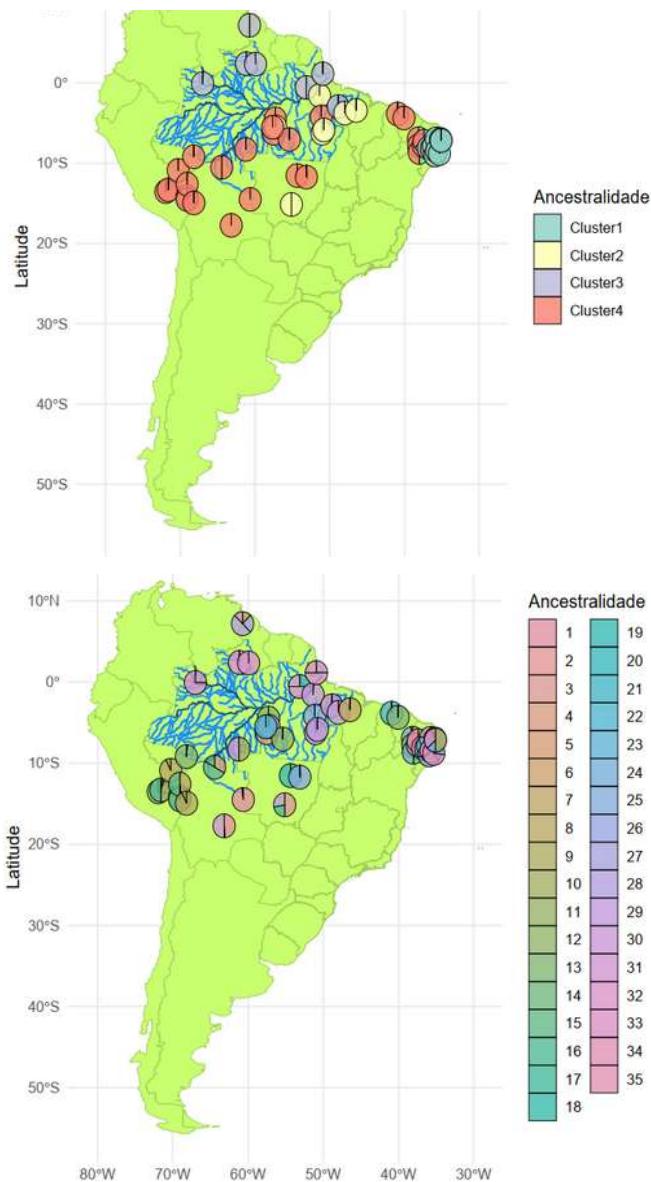
Population structure

Moura et al. 2020



Arremon taciturnus

BAPS



DAPC

