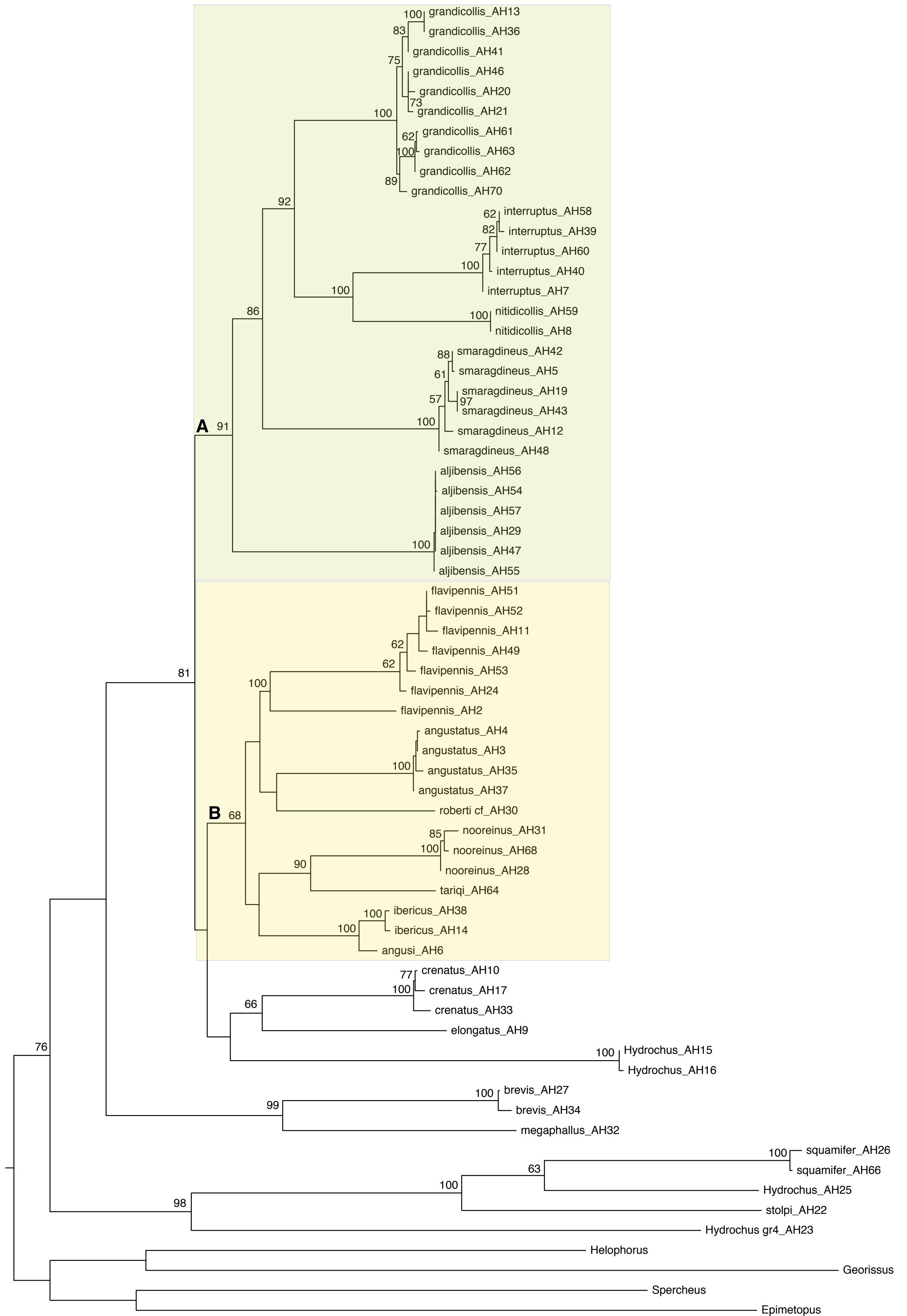
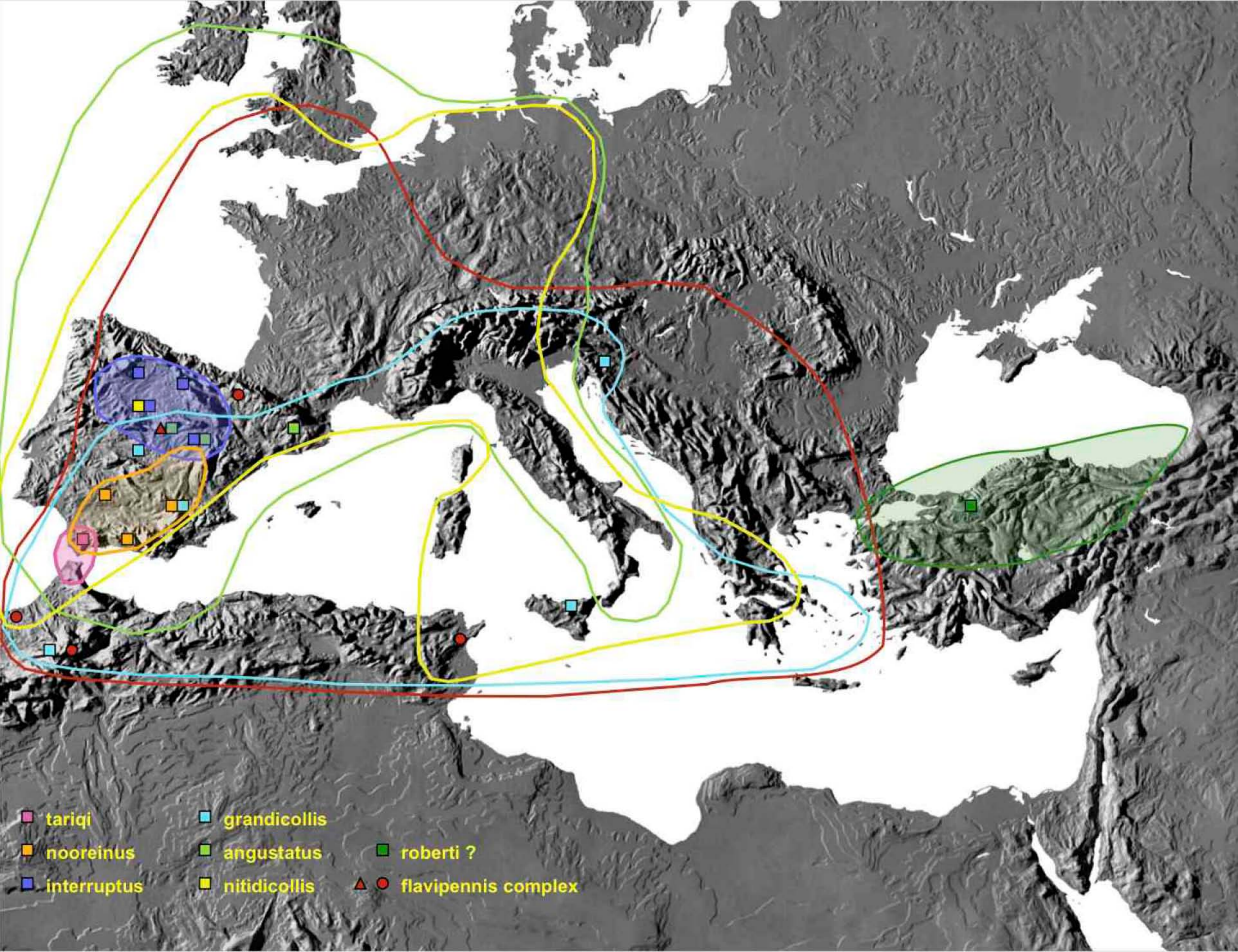


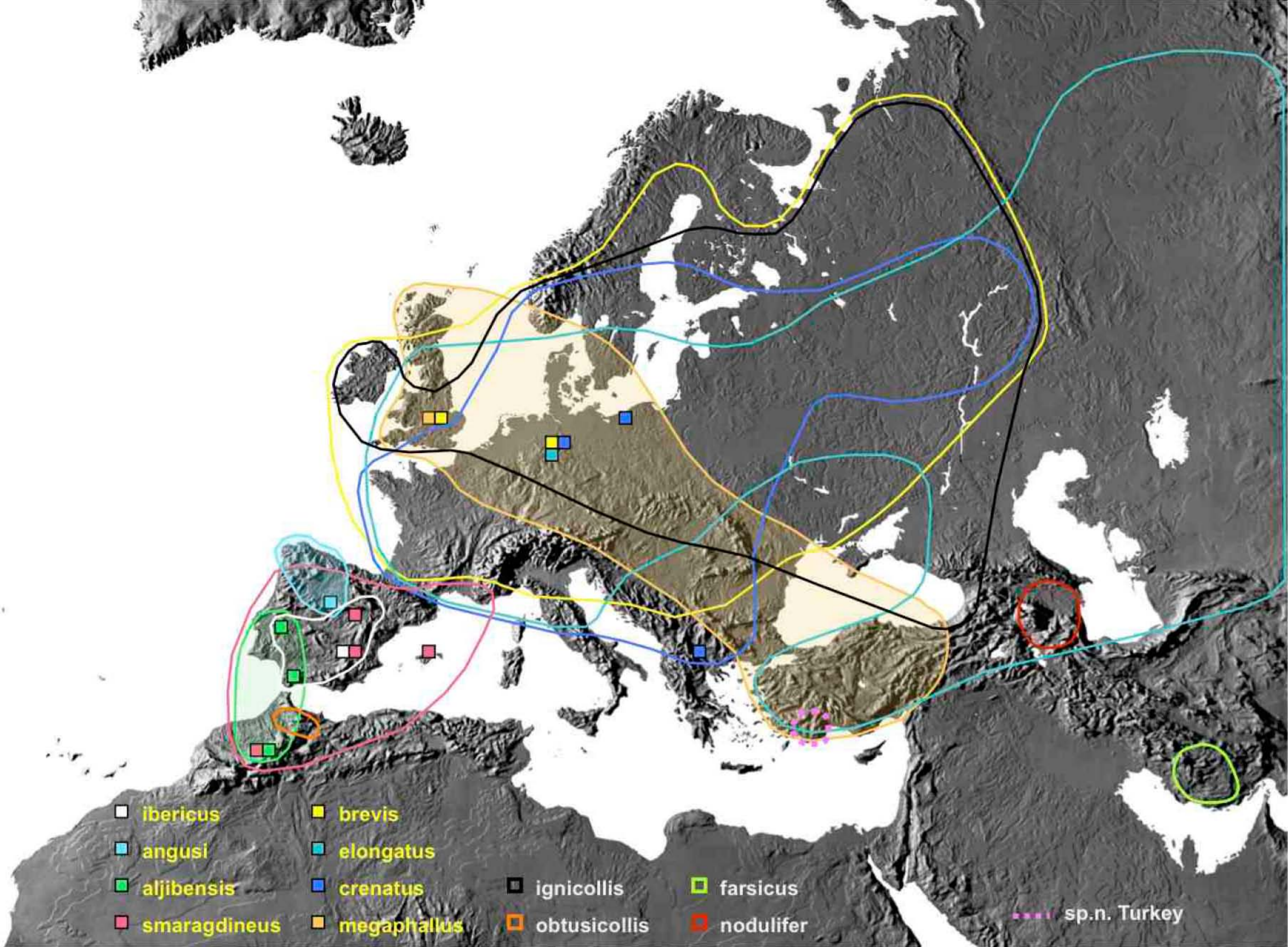


0.0040





- tariqi
- nooreinus
- interruptus
- grandicollis
- angustatus
- roberti ?
- nitidicollis
- flavipennis complex



- | | | | |
|----------------|---------------|----------------|------------------|
| □ ibericus | ■ brevis | ■ ignicollis | ■ farsicus |
| □ angusi | ■ elongatus | ■ obtusicollis | ■ nodulifer |
| ■ aljibensis | ■ crenatus | | --- sp.n. Turkey |
| ■ smaragdineus | ■ megaphallus | | |

Species	Included in the study	H. brevis clade	Western Mediterranean clade	Eastern Mediterranean clade	Iberia	Maghreb	Italy	Balkans	Turkey	Iran	Europe N. Pyrenees	Eastern Palaearctic
1 <i>H. crenatus</i> (Fabricius, 1792)	X			X			X	X			X	
2 <i>H. elongatus</i> (Schaller, 1783)	X			X			X		X		X	X
3 <i>H. farsicus</i> Hidalgo-Galiana, Jäch & Ribera, 2010				X					X	X		
4 <i>H. ignicollis</i> Motschulsky, 1860				X					X		X	
5 <i>H. nodulifer</i> Reitter, 1897				X						X		X
6 <i>H. roberti</i> Shatrovskij, 1993	X			X								
7 <i>H. aljibensis</i> Castro & Delgado, 1999	X		X		X	X						
8 <i>H. angusi</i> Valladares, 1988	X		X		X							
9 <i>H. angustatus</i> Germar, 1824	X		X		X	X	X					
10 <i>H. flavipennis</i> Küster, 1852	X		X		X	X	X	X				X
11 <i>H. grandicollis</i> Kiesenwetter, 1870	X		X		X	X	X	X				
12 <i>H. ibericus</i> Valladares, Díaz & Delgado, 1999	X		X		X							
13 <i>H. interruptus</i> Heyden, 1870	X		X		X	X						
14 <i>H. nitidicollis</i> Mulsant, 1844	X		X		X	X	X	X				
15 <i>H. nooreinus</i> Berge Henegouwen & Sáinz-Cantero, 1992	X		X		X							
16 <i>H. obtusicollis</i> Fairmaire, 1877			X			X						
17 <i>H. smaragdineus</i> Fairmaire, 1879	X		X		X	X					X	
18 <i>H. tariqi</i> Ribera, Hernando & Aguilera, 1999	X		X		X	X						
19 <i>H. brevis</i> (Herbst, 1793)	X	X					X				X	
20 <i>H. megaphallus</i> Berge Henegouwen, 1988	X	X							X		X	