

Supplementary Information

New endemic mammal species for Europe: *Sciurus meridionalis* (Rodentia, Sciuridae).

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Table S3: Intra- and inter- group genetic divergence values (*p*-distance) and Standard Error (S.E.) at the three mitochondrial markers based on the *p*-distance calculation. Values are reported for the locality groups inhabited by *S. vulgaris* and *S. meridionalis* (only Calabria) and for outgroup *Sciurus* species (*S. carolinensis* and *S. niger*). In the inter-group comparisons, *p*-distance values: bottom left (in black) and S.E. values: upper right (in blue).

<i>Mean intra-group</i>			<i>Mean inter-group</i>						
D-loop				Calabria	Italy (except Calabria)	Rest of Europe	Asia	<i>Sciurus niger</i>	<i>Sciurus carolinensis</i>
Country/Outgroup	<i>p</i> -distance	S.E.							
Calabria	0.0051	0.0017	Calabria	-	0.014	0.013	0.013	0.022	0.024
Italy (except Calabria)	0.0191	0.0042	Italy (except Calabria)	0.067	-	0.005	0.005	0.023	0.022
Rest of Europe	0.0251	0.0041	Rest of Europe	0.067	0.024	-	0.005	0.023	0.022
Asia	0.0277	0.0044	Asia	0.063	0.026	0.030	-	0.022	0.022
<i>Sciurus niger</i>	0.0341	0.0064	<i>Sciurus niger</i>	0.264	0.254	0.257	0.256	-	0.021
<i>Sciurus carolinensis</i>	0.0413	0.0070	<i>Sciurus carolinensis</i>	0.267	0.258	0.259	0.258	0.206	-
cyt b				Calabria	Italy (except Calabria)	Rest of Europe	Asia	<i>Sciurus niger</i>	<i>Sciurus carolinensis</i>
Country/Outgroup	<i>p</i> -distance	S.E.							
Calabria	n/c	n/c	Calabria	-	0.008	0.007	0.007	0.018	0.020
Italy (except Calabria)	0.0065	0.0028	Italy (except Calabria)	0.027	-	0.001	0.001	0.016	0.020
Rest of Europe	0.0068	0.0013	Rest of Europe	0.026	0.007	-	0.001	0.016	0.020
Asia	0.0038	0.0011	Asia	0.025	0.005	0.005	-	0.016	0.020
<i>Sciurus niger</i>	n/c	n/c	<i>Sciurus niger</i>	0.152	0.143	0.144	0.144	-	0.020
<i>Sciurus carolinensis</i>	0.0203	0.0037	<i>Sciurus carolinensis</i>	0.163	0.156	0.154	0.155	0.127	-
COI				Calabria	Italy (except Calabria)	Rest of Europe		<i>Sciurus niger</i>	<i>Sciurus carolinensis</i>
Country/Outgroup	<i>p</i> -distance	S.E.							
Calabria	0.0000	0.0000	Calabria	0.003	0.004			0.014	0.014
Italy (except Calabria)	0.0000	0.0000	Italy (except Calabria)	0.008	-	0.001		0.014	0.014
Rest of Europe	0.0010	0.0010	Rest of Europe	0.009	0.001	-		0.014	0.014
<i>Sciurus niger</i>	n/c	n/c	<i>Sciurus niger</i>	0.131	0.132	0.133		-	0.012
<i>Sciurus carolinensis</i>	0.0052	0.0020	<i>Sciurus carolinensis</i>	0.144	0.141	0.142		0.102	-