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Supplementary Data

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Appendix 1

The following supplementary material is available online for this article:

Table S1. Primers employed for sequencing of mtDNA and cpDNA markers, references and polymerase chain reaction (PCR) conditions.

Region	Primers	Primer sequence	References	PCR conditions
cox1	cox 1F	5' AAC CCT ATA TTT GTT ATT CGG TGG3'	(Tronholm, 2010) modified by De Clerck	94 °C, 3 min; 40x (94 °C, 45s; 52 °C, 45 s; 72 °C, 1 min); 72 °C, 6 min
	cox 1R	5' ACTTCTGGATGTCCAAAAAYCA3'	(Tronholm <i>et al.</i> , 2010)	
nad6-nad11	nad6 F	5' CACAACCCTGTTTATTCTATTC3'	adapted from Steen <i>et al.</i> (2016)	94 °C, 3 min; 35x (94 °C, 1 min; 46°C, 1 min; 72 °C, 2 min); 72 °C, 10min
	nad11 R	5' TCACARGCYGTAAAACAG3'	adapted from Steen <i>et al.</i> (2016)	
atp9-orf11	atp9 F	5' ATACGCGATTTTAGGTTTTGC3'	adapted from Steen <i>et al.</i> (2016)	94 °C, 3 min; 35x (94 °C, 1 min; 46°C, 1 min; 72 °C, 2 min); 72 °C, 10min
	orf11 R	5' TGCGGGTAAACTGATACGG3'	adapted from Steen <i>et al.</i> (2016)	
rbcL-rbcS	rbcL F	5' GATTATGTTGSTGAAGGACC3'	New primer	94 °C, 3 min; 35x (94 °C, 1 min; 46°C, 1 min; 72 °C, 2 min); 72 °C, 10min
	rbcS R	5' CCTTCTGGRITTTAYACGACG3'	New primer	

Table S2. GenBank accession numbers of the sequences from the four plastid DNA regions employed in the phylogeographic analyses.

Code	Sampling site	Genbank accession numbers			
		cox1	nad6-nad11	atp9-orf11	rbcL-rbcS
LLA	Llançà	KX432025-KX432030	KX420842-KX420847	KX420793-KX420798	KX420744-KX420749
EST	L'Estartit	KX432031-KX432035	KX420848-KX420852	KX420799-KX420803	KX420750-KX420754
PAL	Palamós	KX432036-KX432042	KX420853-KX420859	KX420804-KX420810	KX420755-KX420761
CAS	Castelló de la Plana	KX432043-KX432047	KX420860-KX420864	KX420811-KX420815	KX420762-KX420766
CAR	Cartagena	KX432048-KX432053	KX420865-KX420870	KX420816-KX420821	KX420767-KX420772
ALM	Almería	KX432054-KX432057	KX420871-KX420874	KX420822-KX420825	KX420773-KX420776
MOT	Motril	KX432058-KX432063	KX420875-KX420880	KX420826-KX420831	KX420777-KX420782
ETP	Estepona	KX432064-KX432068	KX420881-KX420885	KX420832-KX420836	KX420783-KX420787
ALG	Algeciras	KX432069-KX432073	KX420886-KX420890	KX420837-KX420841	KX420788-KX420792