Table S2. Primer pairs used for DNA amplification.

Gene	Size	Primer	Primer sequence	Annealing temp.	Publication
COI	379 bp	L6625[1] H7005[2]	5' CCGGATCCTTYTGRTTYTTYGGNCAYCC 3' 5' CCGGATCCACNACRTARTANGTRTCRTG 3'	50 °C	Hafner *et al.* (1994)
COI [L]	670 bp	LCO1490[1] HCO2198[2]	5' GGTCAACAAATCATAAAGATATTGG 3' 5' TAACTTCAGGGTGACCAAAAAATCA 3'	50 °C	Folmer *et al.* (1994)
EF-1α	347 bp	EF1-For 3[1] EF1-Cho10[2]	5' GGNGACAAYGTTGGYTTCAACG 3' 5' ACRGCVACKGTYTGHCKCATGTC 3'	50 °C	Danforth & Ji (1998)

bp - base pair, [L] - longer fragment of mitochondrial gene *COI*, [1] – forward, [2] - reverse

Table S3. PCR protocols.

Steps / **Genes** ↓	**1.**	**-**	**2.**	**3.**	**4.**	**-**	**5.**	**6.**	**7.**	**8.**	**9.**
COI	94 °C 10 min.	*steps 2–4 35x*	94 °C 30 s.	46 °C 30 s.	65 °C 30 s.	-	65 °C 7 min.	4 °C ∞	-	-	-
***COI*^{L}**	94 °C 3 min	*steps 2–4 5x*	*94 °C* *30 s.*	45 °C 30 s.	72 °C 1 min.	*steps 5–7 30x*	94 °C 30 s.	51 °C 1 min.	72 °C 1 min.	72 °C 10 min.	4 °C ∞
EF-1α	95 °C 10 min.	*steps 2–4 35x*	94 °C 1m.	45 °C 45 s.	72 °C 45 s.	-	72 °C 10 m.	4 °C ∞	-	-	-

Table S4. Partitions with their models used in Bayesian Analysis (BA).

Partition	Nucleotide codon position	Models
1	1st position in COI-L; 3rd in COI (380-1040\3; 1-379\3)	GTR+G
2	1st position in COI (2-379\3)	GTR+I+G
3	3rd position in COI-L; 2nd in COI (382-1040\3; 3-379\3)	GTR+I+G
4	2nd position in COI-L (381-1040\3)	GTR+G
5	1st position in EF1α (1041-1387\3)	HKY+I
6	2nd position in EF1α (1042-1387\3)	GTR+G
7	3rd position in EF1α (1043-1387\3)	GTR+I+G