

Table S2. Primer sets used in this study.

Primer sets (5'-3')	Annealing temperature	Genes in amplified fragment	References
179F ¹ , AGCTAATAGGTTTCATACCCTA 1452R ¹ , GTTCAATAGATAAAGTGGCTG	51°C	Partial <i>tRNA</i> ^{Met} , <i>ND2</i> , <i>tRNA</i> ^{Trp} , <i>tRNA</i> ^{Cys} , partial <i>tRNA</i> ^{Tyr}	This study
Mc1239F ² , AACATATTTGTAGCGAAAGCT Mc2673R ² , TTTAGGGTTTAAACTAAGTCC	50°C	Partial <i>tRNA</i> ^{Trp} , <i>tRNA</i> ^{Cys} , <i>tRNA</i> ^{Tyr} , partial <i>COI</i>	This study
Cp1239F ³ , CTGTCAATTTACCTAAAAGCT Cp2673R ³ , TTTAGGGTTTATTGTAAAGTCC	50°C	Partial <i>tRNA</i> ^{Trp} , <i>tRNA</i> ^{Cys} , <i>tRNA</i> ^{Tyr} , partial <i>COI</i>	This study
CO2F ¹ , CTATTCACAATCGGAGGACTAA CO2R ¹ , GGTTTAAGAGACCAATGCT	51°C	Partial <i>COI</i> , <i>tRNA</i> ^{Leu} , <i>COII</i> , partial <i>tRNA</i> ^{Lys}	Jenkins & Eaton (2011)
3652F ¹ , GGCTAATCACTCATTTATACC 4873R ¹ , ATCTCGTCATCATTGGTATAT	50°C	Partial <i>COII</i> , <i>tRNA</i> ^{Lys} , <i>tRNA</i> ^{Asp} , <i>ATP8</i> , <i>ATP6</i> , partial <i>COIII</i>	This study
4717F ¹ , CACTTAGTAGATTACAGACCA 6008R ¹ , CTAATTTTTAGGTCGAAACTAAATG	51°C	Partial <i>COIII</i> , <i>tRNA</i> ^{Gly} , <i>ND3</i> , <i>tRNA</i> ^{Ala} , partial <i>tRNA</i> ^{Arg}	This study
5853F ¹ , ATATCATGAATGAAAAACGG 7067R ¹ , AGACTCTCAAGATATTCGT	47°C	Partial <i>ND3</i> , <i>tRNA</i> ^{Ala} , <i>tRNA</i> ^{Arg} , <i>tRNA</i> ^{Asn} , <i>tRNA</i> ^{Ser} , <i>tRNA</i> ^{Glu} , <i>tRNA</i> ^{Phe} , partial <i>ND5</i>	This study
Mc6911F ² , ACCCCCCATAGTTATATATTC Mc8072R ² , AGAATAATAATTTGTGGTATTATAGG	50°C	Partial <i>ND5</i> , partial <i>tRNA</i> ^{His}	This study
Cp6912F ³ , CCACTCAAAGTTATATATTCA Cp8072R ³ , GATAATTTGTGGTGTATTGG	48°C	Partial <i>ND5</i> , partial <i>tRNA</i> ^{His}	This study
7891F ¹ , AATTTAATGAATAAACCTCCCA 9003R ¹ , CTTGCTTTTTTATACTTTATTGTC	49°C	Partial <i>ND5</i> , <i>tRNA</i> ^{His} , partial <i>ND4</i>	This study

¹Primers for both *Megacocta* species and *Coptosoma parvipictum*. ²Primers for *Megacocta* species. ³Primers for *C. parvipictum*.