

Appendix.

Three adult female *Trichochilus lacteipennis* were sequenced for mitochondrial COI, two by BOLD and one in house at Stroud Water Research Center. Two 658 bp COI haplotypes were detected, differing by 5%. Sequences for specimens SWRC-chiro-egg 02 and SWRC-chiro-egg 03 were identical, except for two ambiguous characters in specimen SWRC-chiro-egg 02 (here emended to that observed in SWRC-chiro-egg 03)

SWRC-chiro-egg 01 (GenBank Accession No. MF695066)

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AACCTTATATTTTATTTTTGGAGCTTGATCAGGTATAATTGGAACCTCAATAAGAATTTAATTCGAACTGAATTAGGTCATCC
AGGTTCACTAATTGGGGATGATCAAATTTATAATGTAATTGTAACAGCTCATGCCTTTGTAATAATTTTTTATAGTAATACC
TATTCTAATTGGAGGATTTGGAAATTGATTAGTACCCTTAATACTAGGAGCCCCTGATATAGCTTTCCCCCGAATAAATAATA
TAAGATTTTGACTATTACCACCATCATTAACTACTATTATTATCTAGATCTATTGTTGAAAATGGTGCAGGAACAGGTTGAACTG
TTTATCCTCCGTTATCTTCAAGAATTGCTCATACTGGAAGATCTGTCGATCTTGCTATCTTTTCTTTCATCTAGCAGGTATTT
CATCTATTTTAGGAGCAGTTAACTTTATTACTACAGTAATTAATATACGTTCAAAGGAATTTCTTGAGATCGAATACCTTTGT
TTGTTTGATCTGTTATAAATACTGCAATTTTATTACTTCTTTCTTTACCAGTTCTTGCTGGAGCTATTACTATACTTCTTACAGA
TCGTAATTTAAATACTTCTTTTTTTGATCCTGCCGGAGGAGGGGATCCTATTTTATATCAACATTTATTT
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SWRC-chiro-egg 02 (GenBank Accession No. MF695067), SWRC-chiro-egg 03

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AACCTTATATTTTATTTTTGGAGCTTGATCAGGCATAATTGGAACCTCGATAAGAATTTAATTCGAACTGAAGTAGGTCATGC
AGGTTCACTAATTGGAGATGACCAAATTTATAATGTAATTGTTACAGCTCATGCCTTTGTAATAATTTTTTATAGTAATACCT
ATTTTAATTGGAGGATTTGGAAATTGATTAGTACCTTTAATATTAGGAGCTCCTGATATAGCTTTTCCCTCGAATAAATAATATA
AGATTTTGATTATTACCCCATCATTAACTATTGTTATCTAGATCTATTGTTGAAAATGGAGCAGGAACAGGTTGAACTATT
TATCCTCCCCTATCTTCAAGAATTGCTCATACTGGTAGATCAGTAGACCTTGCTATTTTTCCCTTCATCTAGCAGGTATTCA
TCTATTTTAGGAGCAGTTAATTTTATTACTACAGTAATTAATATACGTTCAAAGGAATTTCTTGAGATCGAATACCTTTATTTG
TTTGATCTGTTATAAATACTGCAATTTTATTACTTCTTTCTTTACCAGTTCTTGCTGGAGCTATTACTATACTTCTTACAGATCG
TAATTTAAATACTTCTTTTTTTGATCCTGCTGGAGGAGGAGATCCTATTTTATACCAACATTTATTT
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