**Table S1.** Primers used in this study

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| Locus | Primer name | Sequence of 3`–5` | Annealing temperature |
| COI | 96F | AAAGATATCGGCACYCTYTAYYT | Touchdown 57-45°C for 25 cycles, then 45°C for 20 cycles |
| 264R | AAARAAAATTATTACRAAAGCRTGRGC |
| 175F | CYGAATTAGGTCARCCMGGDGC |
| 341R | AATGCYATRTCAGGSGCYCCAA |
| 237F | GCYCAYGCTTTYGTAATAATTTTYT | 49 |
| 431R | GTYCCTGCDCCYGCTTCWACTA |
| 378F | TCAATCCTAGGGGCAATTAATTTTATT | Touchdown 57-45°C for 25 cycles, then 45°C for 20 cycles |
| 568R | AAAAGGTTGTATTTAAATTTCGGTCTG |
| 504F | CTTCCTGTACTGGCCGCTGG |
| 615R | AAATAGATGTTGATATAGAATGGGGTC |
| cytb | Pip-cytb-1F | AACATACGAAAATCCCACCCCTT | 51 |
| Pip-cytb-1R | TAACGTCTCGGCAGATGTG |
| Pip-cytb-2F | CCCTCCTAGGCATTTGCTTAGCATTACAA | 57.2 |
| Pip-cytb-2R | TGAAGGCGGTTGCTATAACAGCGAATAGTAA |
| Pip-cytb-3F | CACGTAGGCCGAGGACTTTACTAC | 50.5 |
| Pip-cytb-3R | GTGGCTTTGTCTACAGAAAATCC |
| RAG-2 | pip-RAG-2-2F | CCACGGAGGGAAAACACCAAA | 54.5 |
| pip-RAG-2-2R | TGTATGACCGCCCTCCAAAGAC |
| Pip-RAG-2-4F | GCCTGCCCCATGTTTTCTTG | 54.2 |
| Pip-RAG-2-4R | CAGGGGGAGATCAACCTTTATGC |
| Pip-RAG-2-6F | CACAGTTTTGCAGGGAGGAATC | 48.6 |
| Pip-RAG-2-6R | TCTCACGAATCTRTATCTTGTTGTC |
| Pip-RAG-2-8F | TTCTTTGGCATACCAGGAGACAATAA | 52.3 |
| Pip-RAG-2-8R | TGAGTCTTCGAAGGGTGTGGAGTC |