Supplementary caption:

Figure S1. The mitogenome maps of *Agrilus sichuanus*, *Coraebus cloueti*, *Coraebus diminutus*, *Meliboeus sinae*, and *Sambus femoralis*.

Figure S2. The secondary cloverleaf structure for the tRNAs of Agrilus sichuanus.

Figure S3. The secondary cloverleaf structure for the tRNAs of *Coraebus cloueti*.

Figure S4. The secondary cloverleaf structure for the tRNAs of Coraebus diminutus.

Figure S5. The secondary cloverleaf structure for the tRNAs of Meliboeus sinae.

Figure S6. The secondary cloverleaf structure for the tRNAs of Sambus femoralis.

Figure S7. Heterogeneous sequence divergence within datasets 13 PCGs and 2 rRNAs of Buprestidae species.



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