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**Carcass size, not source or taxon, dictates breeding performance and carcass use in burying beetle**

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## **Conflict of interest**

The authors declare no conflict of interest regarding this manuscript.

### **Author contributions**

Gen-Chang Hsu and Syuan-Jyun Sun conceived the ideas; Gen-Chang Hsu, Wei-Jiun Lin, Yue-Jia Lee, and Syuan-Jyun Sun designed the experiments; Gen-Chang Hsu, Wei-Jiun Lin, Chi-Heng Hsieh, Yue-Jia Lee, and Syuan-Jyun Sun collected the data; Gen-Chang Hsu and Syuan-Jyun Sun analyzed the data; Gen-Chang Hsu and Syuan-Jyun Sun wrote the first draft of the manuscript; all authors revised the manuscript and approved the final version for publication.

### **Statement on inclusion**

All authors involved in this study were based in the country (Taiwan) where the study was conducted and were engaged in the research design to ensure that the diverse sets of perspectives were considered.

### **Data availability statement**

Data and code used in this manuscript are publicly available on Zenodo (DOI: 10.5281/zenodo.11392173).