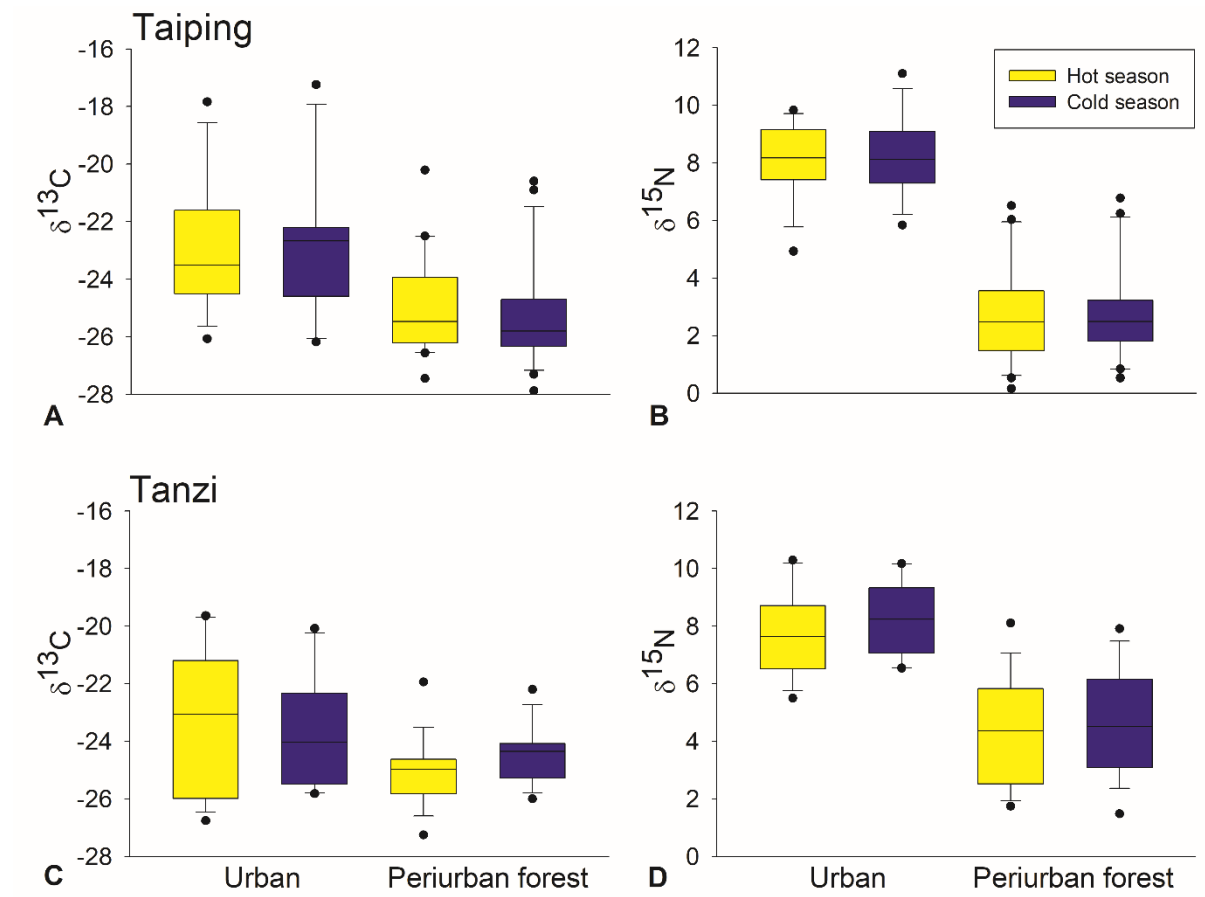




Digital supplementary material to

PENG, M.-H., LIU, K.-L., TSAI, C.-Y., SHIODERA, S., HARAGUCHI, T.F., ITOH, M., TSENG, S.-P., YANG, C.-C. S., G. SINGHAM, V., TAY, J.-W. & NEOH, K.-B. 2023: Urbanization influences the trophic position, morphology, and colony structure of invasive African big-headed ants (Hymenoptera: Formicidae) in Taiwan. – Myrmecological News 33: 197-209.

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Appendix Fig. S1. Distribution of carbon (A, C) and nitrogen (B, D) signatures of *P. megacephala* in different habitats and seasons in Taiping and Tanzi.

Appendix Tab. S1: Relatedness of *P. megacephala* individuals within each colony of each colony.

Urban area		Periurban forest	
Colony	Relatedness (mean \pm SE)	Colony	Relatedness (mean \pm SE)
TCU2	0.461 \pm 0.029	TPF101	0.172 \pm 0.043
TCU5	0.528 \pm 0.040	TPF102	0.191 \pm 0.040
NCHU	0.578 \pm 0.060	TPF103	0.259 \pm 0.040
TC04	0.310 \pm 0.055	TPF201	0.173 \pm 0.045
TZU104	0.521 \pm 0.039	TPF202	0.239 \pm 0.070
TZC01	0.327 \pm 0.302	TPF203	0.148 \pm 0.035
TZC05	0.431 \pm 0.208		
TZC06	0.185 \pm 0.230		
TZC07	0.364 \pm 0.211		
TZC08	0.434 \pm 0.217		