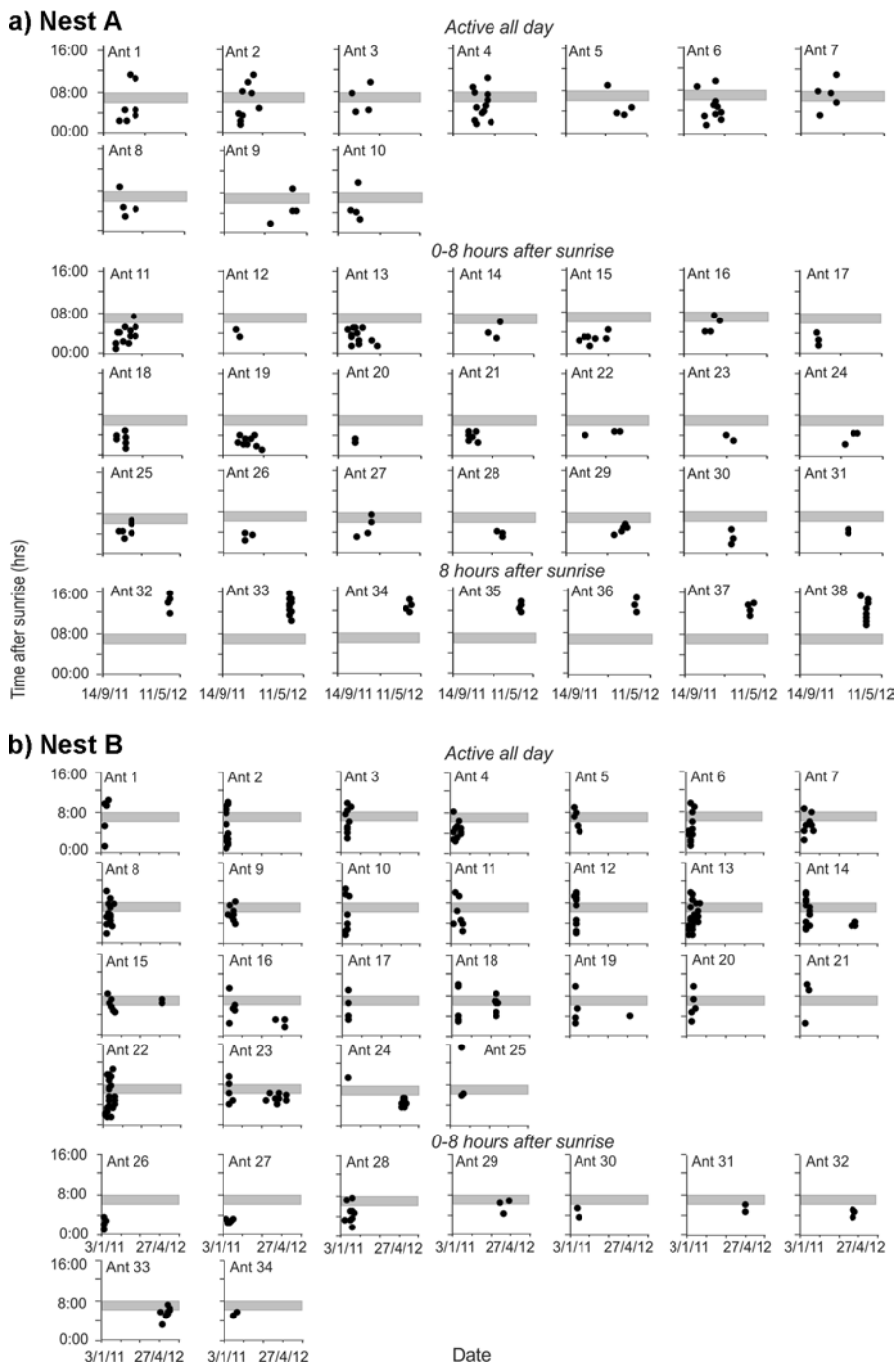
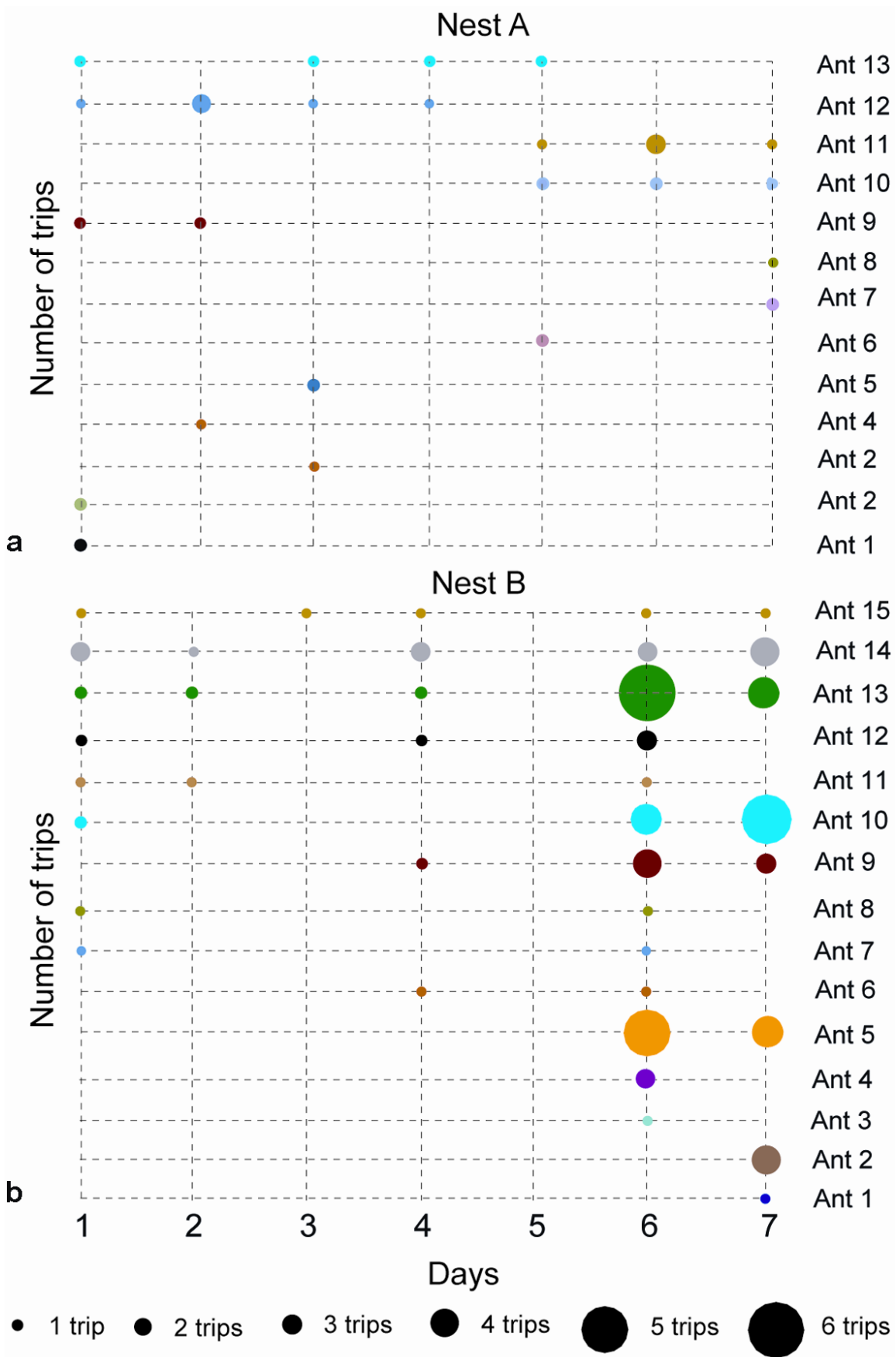


## Digital supplementary material to

JAYATILAKA, P., RADERSCHALL, C.A., NARENDRA, A. & ZEIL, J. 2014: Individual foraging patterns of the jack jumper ant *Myrmecia croslandi* (Hymenoptera: Formicidae). – Myrmecological News 19: 75-83.



**Fig. S1:** Temporal fidelity in *Myrmecia croslandi* ants. Nest departure times of individually marked ants relative to sunrise time is plotted against the days on which they were active. Based on activity times, (a) at Nest A three distinct groups were identified: ants observed to be active all day ( $N = 10$ ), active only within eight hours after sunrise ( $N = 21$ ), and active only after eight hours after sunrise ( $N = 7$ ). (b) At Nest B two distinct groups were identified: ants active all day ( $N = 22$ ) and active only eight hours after sunrise ( $N = 9$ ). Grey shaded areas indicate the warmest period of the day (six to eight hours from sunrise) when most ants did not leave the nest.



**Fig. S2:** Foraging frequency of *Myrmecia croslandi* ants over seven-consecutive days. The number of trips individual ants carried out over a seven-day period at (a) Nest A and (b) Nest B. Size of the circles correspond to the number of trips performed by each ant on a single day. Different colours are used to represent different individuals.