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Digital supplementary material

Digital supplementary material to

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Preferential food allocation to an essential worker subcaste in the invasive yellow crazy ant, *Anoplolepis gracilipes* (Hymenoptera: Formicidae)

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Appendix, as digital supplementary material to this article, at the journal's web pages:

Fig. S1: No detectable change in the color of Nile Blue A observed from the gaster (A-C), within crop (D-F) and stain on the filter paper (after the worker being crushed, G-I) of foraging workers 8, 16 and 24 hours after ingesting dyed sucrose solution.

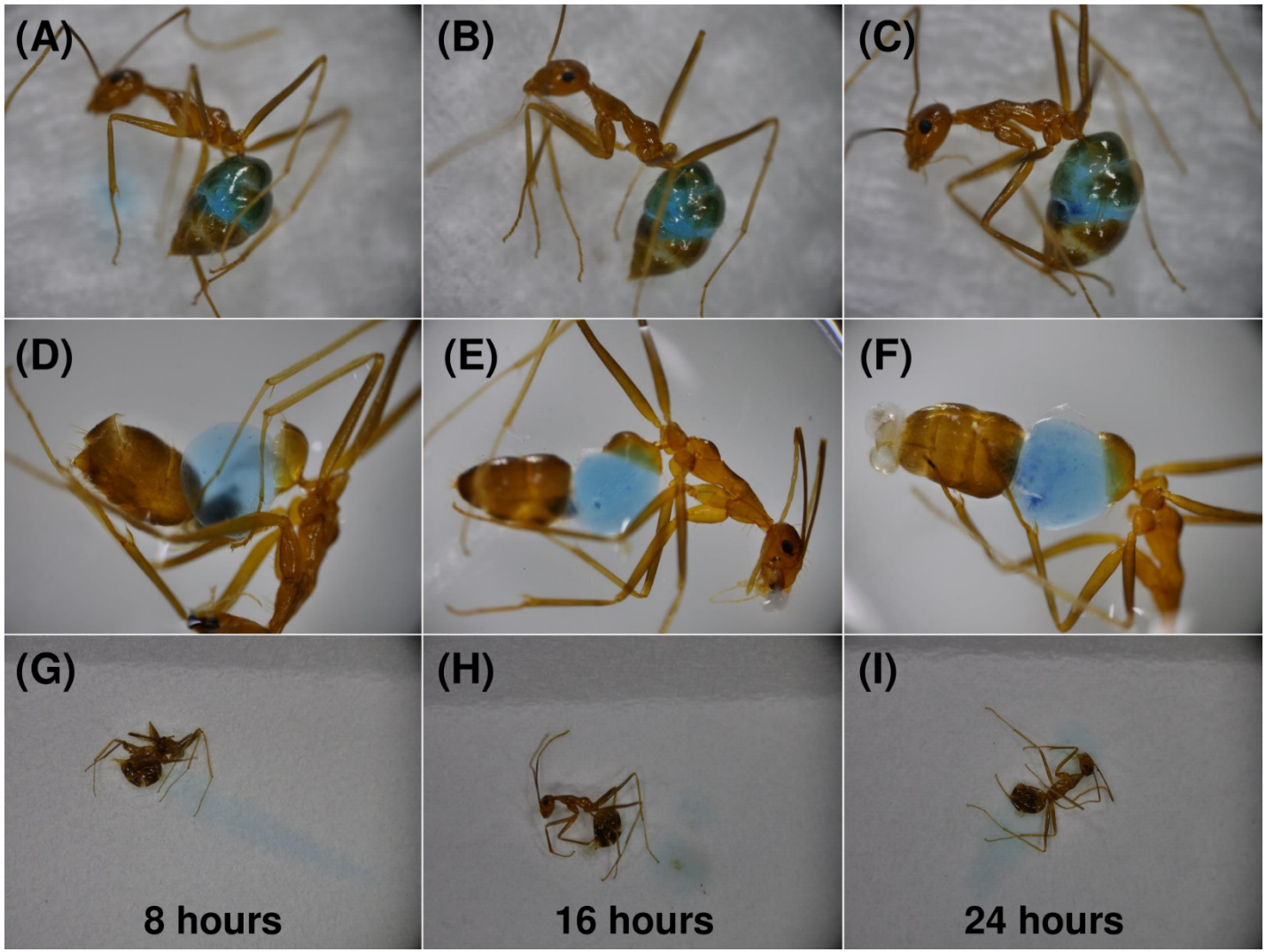
Fig. S2: No detectable change in the color of Nile Blue A observed from the gaster (A-C), within crop (D-F) and stain on the filter paper (after being crushed, G-I) of foraging workers 8, 16 and 24 hours after ingesting dyed peptone solution.

Fig. S3: No detectable change in the color of Nile Blue A observed from the gaster, within crop and stain on the filter paper (after being crushed) of intra-nidal worker (A-C) and physogastric worker (D-F) after co-inhabiting with sucrose-exposed donors for 24 hours.

Fig. S4: No detectable change in the color of Nile Blue A observed from the gaster, within crop and stain on the filter paper (after being crushed) of intra-nidal worker (A-C) and physogastric worker (D-F) after co-inhabiting with peptone-exposed donors for 24 hours.

Video S1: A donor regurgitating a droplet of fluid that was imbibed by other workers (i.e., physogastric workers).

Video S2: An intra-nidal worker (marked by green paint marker) was engaging in trophallaxis with a physogastric worker (marked by white paint marker).



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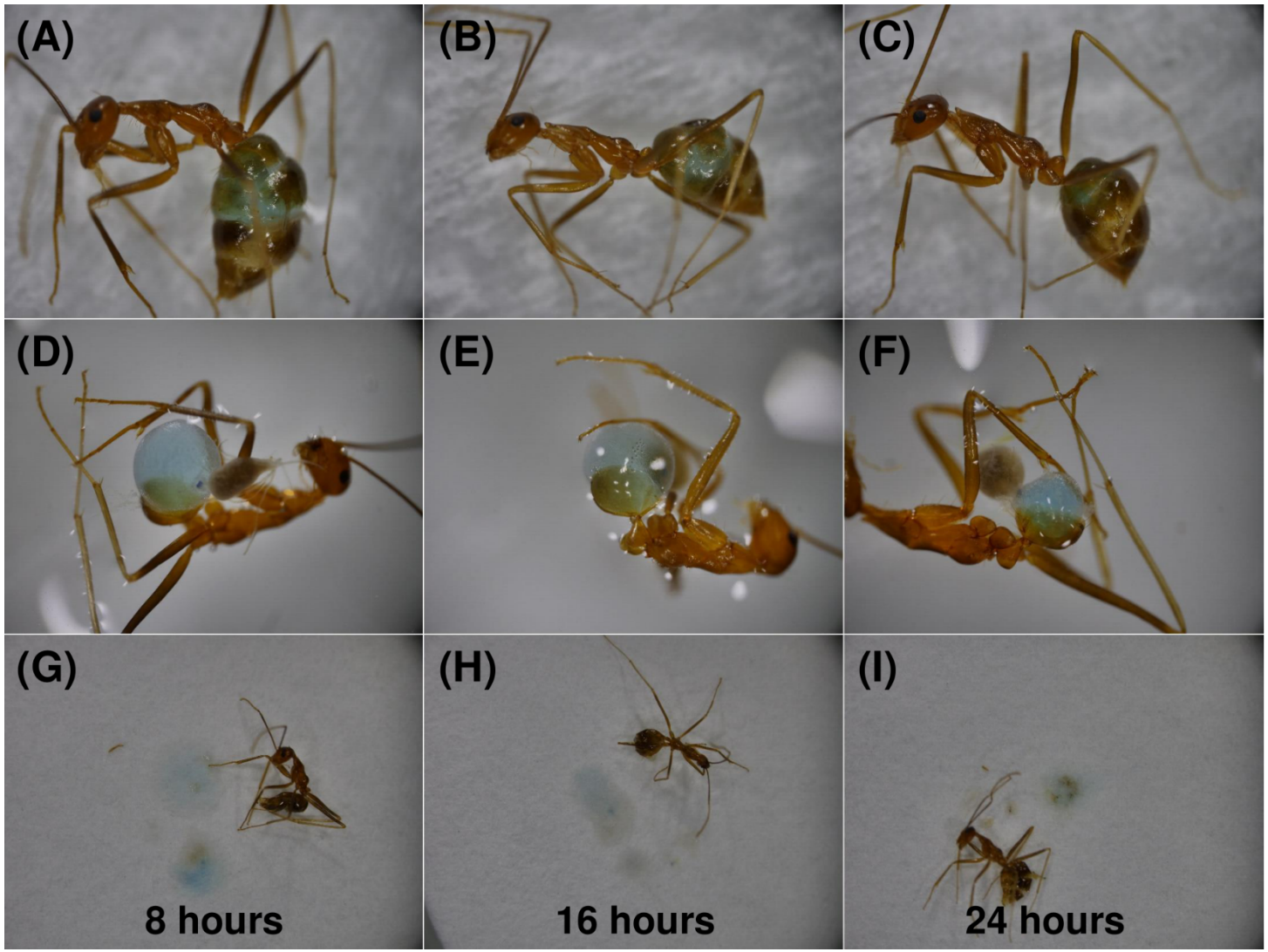

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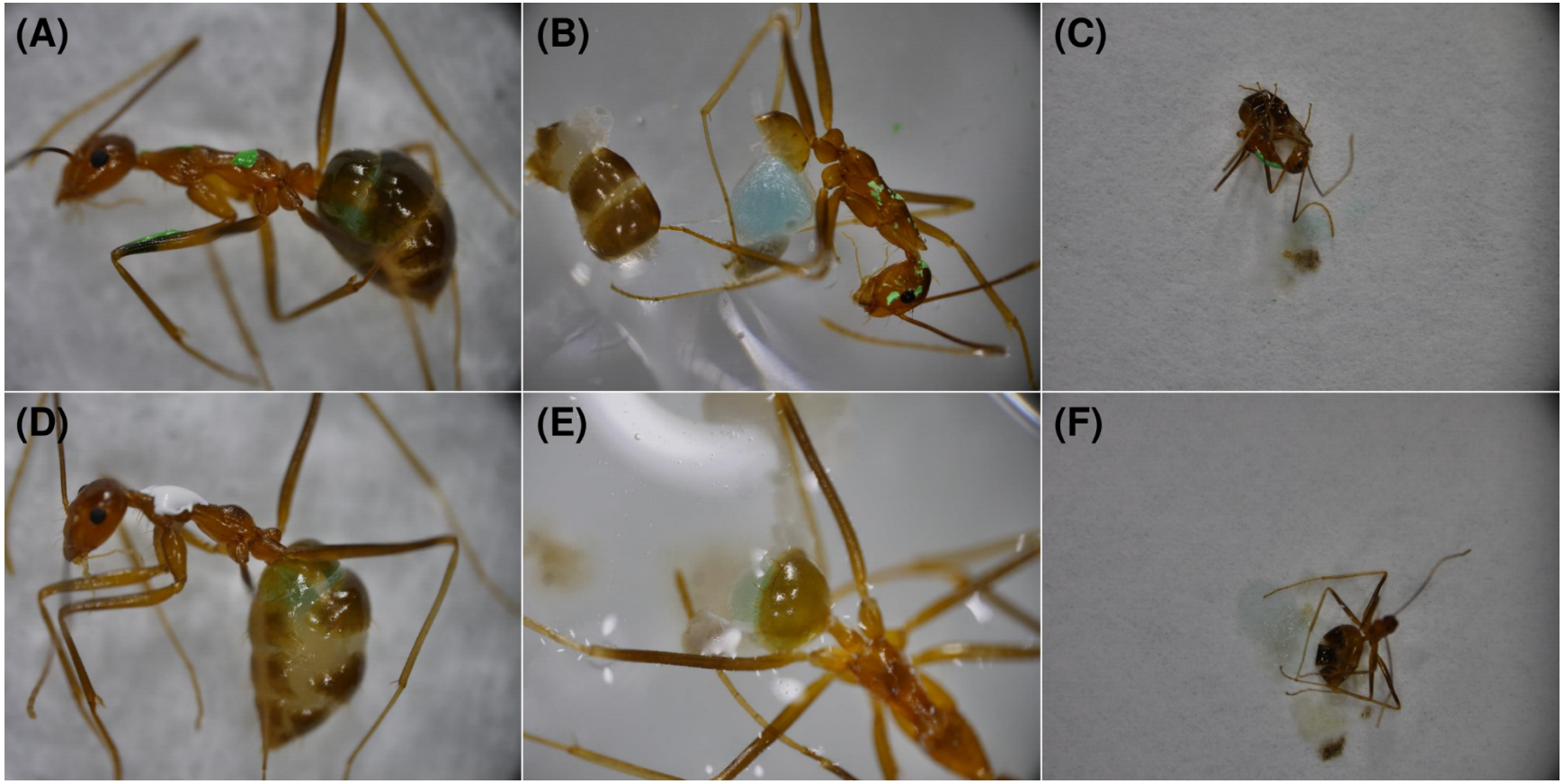

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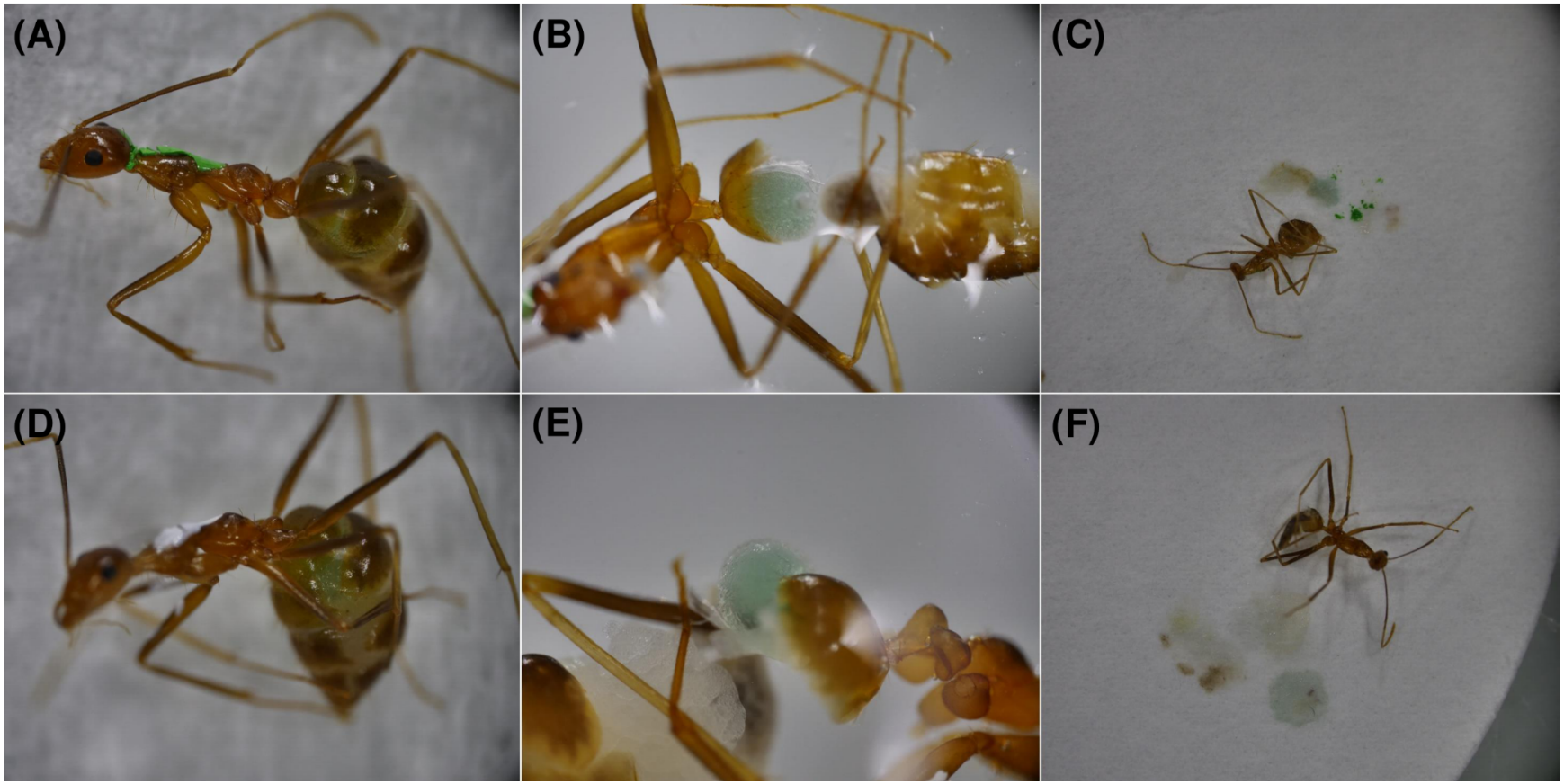

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