



Cover: A seed harvester ant of the *Pheidole* species standing on the eye of the bull ant *Myrmecia tarsata*. Miniaturisation – the reduction of body size within a single lineage – is a well-known phenomenon that is widely seen in ants. Reduced body size often leads to a smaller eye, which impacts visually guided behaviour. Palavalli-Nettimi and colleagues (jeb203018) investigated the effects of miniaturisation on the properties of the compound eye. Using pattern electroretinography with vertical gratings as stimuli, they found that miniature ants with fewer and smaller lenses have lower spatial acuity and dramatically reduced contrast sensitivity. Photo credit: Ajay Narendra.

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Mini-ants manage vision miniaturisation
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Hollow peg holds key to click beetles' explosive flips
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