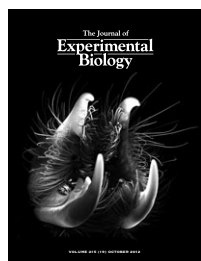


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Cover: Scanning electron microscope image of the chelicerae of the solifugid *Galeodes* in frontal view. Solifugae use their chelicerae in prey prehension, defense, mating and burrowing. Van der Meijden et al. (pp. 3411–3418) show that in two ecologically different species, the cursorial *Galeodes* has a lower bite force than the burrowing *Rhagodes*. The former is somewhat compensated by having a better mechanical advantage on the largest tooth. In addition, *Rhagodes* is shown to have a high muscle stress, similar to that of crabs. The pictured *Galeodes*, however, has a much lower muscle stress, similar to that observed in other arachnids and insects. Image credit: Heiner Götz, Franz Langer and Michael Heethoff.

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