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Cover: Several groups of nocturnal insects have independently evolved ultrasound hearing so that they can detect echolocation calls of approaching bats and evade capture. Amongst the many neuropteran insects, only certain green lacewings (Chrysopidae) were known to share this ability. Holderied et al. (jeb189308) have investigated several members of the large neuropteran family of antilions (Myrmeleontidae; ~2000 species) and discovered that they all respond to ultrasound with similar evasive flight responses. Antilions, however, lack the ear of green lacewings. Where could the unknown antilion ear be located on this microCT false colour image of an adult antilion (*Creoleon irroratus*)? Photo credit: Marc Holderied.

INSIDE JEB

Super freezing larvae survive despite incurred damage **Knight, K.** jeb192542

Listening antlions drop to evade dining bats **Knight, K.** jeb192559

OUTSIDE JEB

Caution! A firefly approaches... **McCallum, E.** jeb170266

Eating poop makes naked mole-rats motherly **Rozen, D. E.** jeb170183

Hibernating squirrels tweak sodium channels to rest their brain **Vahaba**, **D. M.** jeb170258

Widespread 'gassing off' in killifishes **Borowiec**, **B. G.** jeb170340

Enemy at the bat cave door **Birceanu, O.** jeb170274

COMMENTARY

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REVIEW

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An exercise-induced improvement in isolated skeletal muscle contractility does not affect the performance-enhancing benefit of $70 \mu mol \ l^{-1}$ caffeine treatment

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