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A fresh look over the genital morphology of *Triaenonychoides* (Opiliones: Laniatores: Triaenonychidae) unravelling for the first time the functional morphology of male genitalia

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ABSTRACT

Harvestmen penises are intromittent structures surprisingly complex and diverse, making it difficult to imagine that the sole function of the penis is sperm transfer. Knowledge of penis morphology in harvestmen is largely derived from taxonomic works. Therefore, we have a considerable amount of information regarding genital structures, but relatively little is known about their movements and functions. Yet, in the case female genitalia, there is an even deeper gap on the understanding of the morphology and its functional features. Female genitalia are commonly neglected due to the assumption that they are not a valuable source of

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