**Additional files:**

**Additional file 1**. ***Thamnocephalus* adds segments linearly.** Segment number is plotted against time at one hour intervals and fit with a linear regression. Points are offset to demonstrate the high number of similar measures (Winston, 2014); n=20-30 individuals for each time point. Dotted line represents the first molting event at 4 hours. Solid lines represent the transition between tagma, thoracic to genital (~12H) and genital to abdominal (~15H). These data extend the linear rate shown in Williams et al., 2012. Those data were taken under less strictly controlled conditions.

References:

Williams TA, Blachuta B, Hegna TA, Nagy, LM. Decoupling elongation and segmentation: *Notch* involvement in anostracan crustacean segmentation*. Evol. Dev.* 2012;*14*:372-382.

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