

Supplement to

## Predation governs the eulittoral distribution of a ubiquitous Mediterranean gastropod

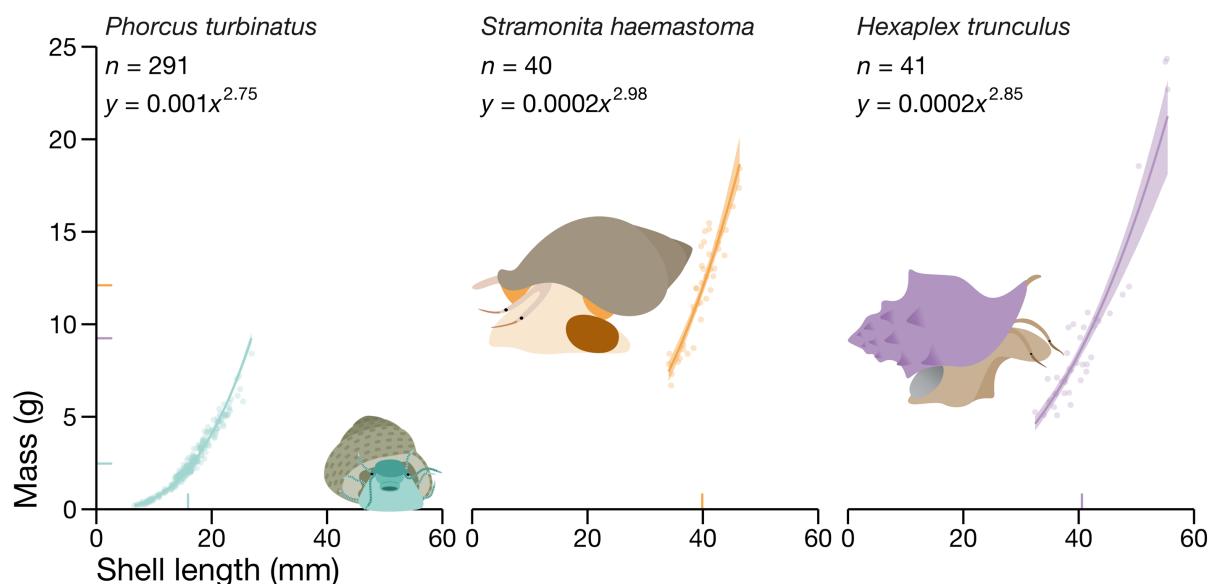
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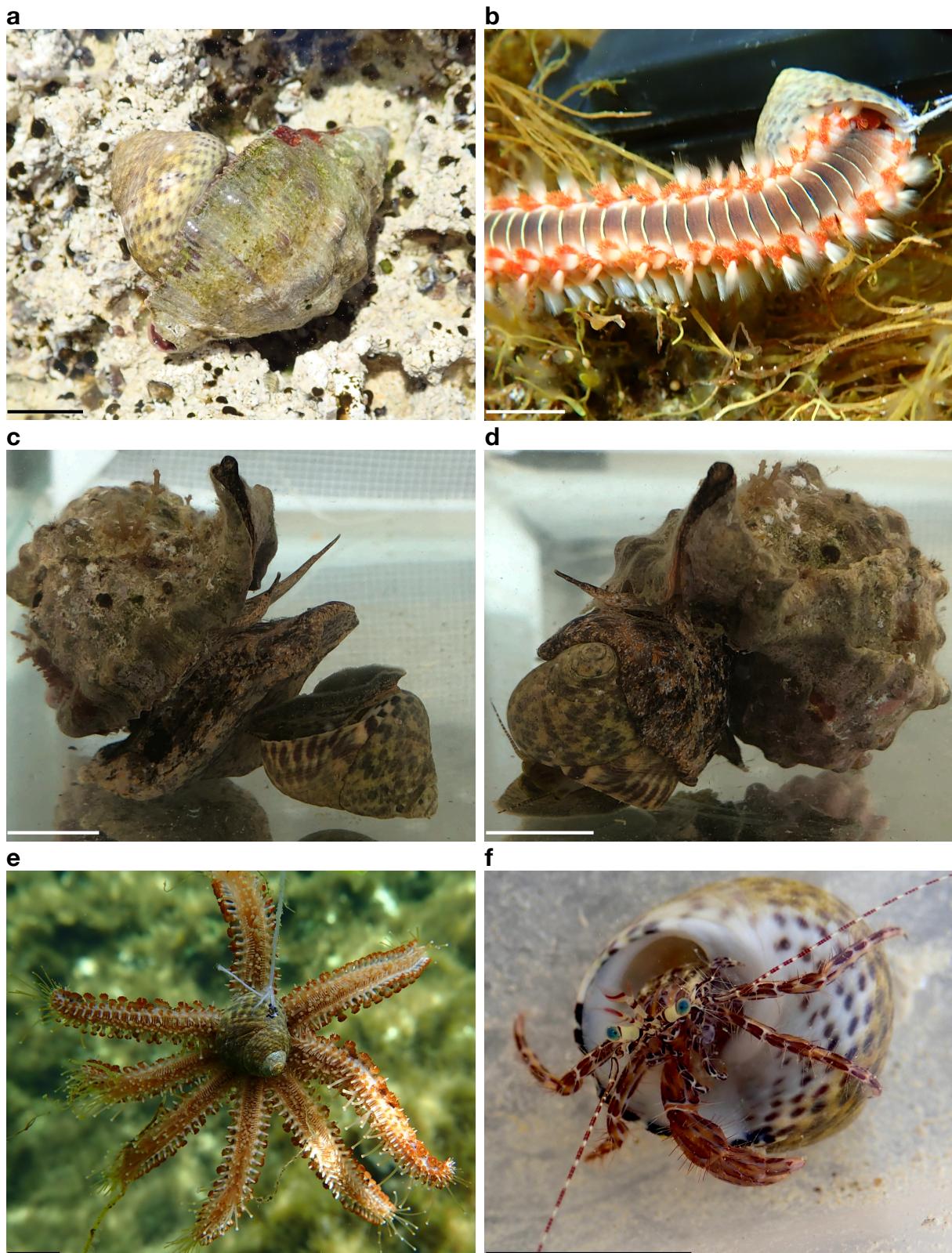
Oceans Institute, University of Western Australia, Perth, WA 6009, Australia.



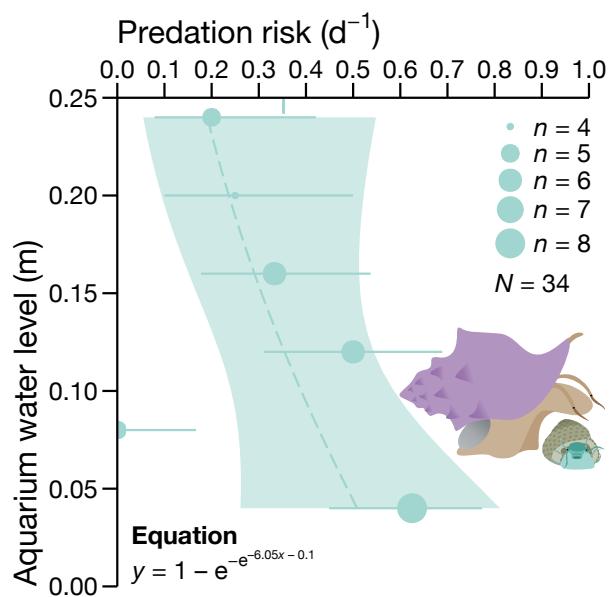
**Figure S1.** Position of drillhole in last shell whorl by which live *Phorcus turbinatus* individuals were tethered to weights. *P. turbinatus* can retract its operculum deep into the shell behind the drillhole and therefore remained unharmed.



**Figure S2.** Power relationships between shell length and total mass of *Phorcus turbinatus* and its two most common muricid gastropod predators *Stramonita haemastoma* and *Hexaplex trunculus*. Lines and shaded regions are generalised nonlinear least squares model fits and 95% confidence intervals. Coloured axis ticks are means. Illustrations are centred on the mean mass.



**Figure S3.** Animals interacting with *Phorcus turbinatus*. **a**, The predatory muricid *Stramonita haemastoma* feeding on free-living *P. turbinatus* *in situ* at Id-Dejjaq tar-Ras. **b**, The predatory amphinomid *Hermodice carunculata* feeding on tethered *P. turbinatus* *in situ* at II-Qala tad-Dwejra. **c-d**, The predatory muricid *Hexaplex trunculus*, collected at II-Bajja tax-Xwejni, attacking *P. turbinatus* *in vitro*. **e**, The predatory asteriid *Coscinasterias tenuispina* feeding on tethered *P. turbinatus* *in situ* at Id-Dejjaq tar-Ras. **f**, The hermit crab *Pagurus anachoreetus* occupying a tethered *P. turbinatus* shell *in situ* at II-Qala tad-Dwejra. All scale bars represent 10 mm.



**Figure S4.** The effect of aquarium water level on the probability of *Hexaplex trunculus* preying on *Phorcus turbinatus*. The line and shaded region are the cloglog binomial generalised linear model fit and 95% confidence interval. Point-ranges are means  $\pm$  binomial standard errors.