

ASSAB 2017
19 – 22 July 2017, Foothills Conference Centre, VIC
Abstract submission

Format

Your abstract needs to contain:

The full names of all authors, with the presenter's name underlined

The affiliation of all authors – department and institution, in *italics*

Title in **bold**

Body of abstract: maximum = 150 words, plain text, left justified.

Submission

Please submit your abstract to assab2017abstracts@gmail.com as an attachment. The preferred file format is MS Word (doc or docx). Otherwise use Rich Text Format (rtf). Please name your file with your surname_firstname – for example, 'Franklin_Amanda.docx'.

Abstract submission closes Tuesday 30th May 2017.

Example

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Single and multiple mating reduces longevity of female dumpling squid (*Euprymna tasmanica*)

For many species, mating is a necessary yet costly activity. The costs involved can have an important influence on the evolution of life histories and senescence. We investigated the effects of mating on longevity in female dumpling squid (*Euprymna tasmanica*), a species in which both sexes mate multiply. Through comparing the longevity of virgin, once-mated and twice-mated females, we found that a single mating reduced female lifespan by 15 days on average. A second mating resulted in an additional 8 day (on average) longevity cost, despite no difference in total clutch mass, number of clutches, single egg mass or number of eggs per clutch between once-mated and twice-mated females. The presence of an additive effect of reproduction on longevity suggests that multiple mating in cephalopods may have benefits that outweigh these costs, or that there is a conflict in optimal mating frequency between males and females.