**Revised 24 April 2020**

**MANUSCRIPT MODEL FOR JCB SUBMISSIONS**

**Please carefully read the following instructions. Failure to do so will slow down the editing and eventual publication of your manuscript.**

No text or line above “running head” other than page numbers on top right

Running head: MIYAJIMA & WADA: Life histories and sexual dimorphism in two varunid crabs

**Relationships between life history traits and sexual dimorphisms in two varunid crabs, *Hemigrapsus takanoi* Asakura & Watanabe, 2005 and *H*. *sinensis* Rathbun, 1931 (Decapoda: Brachyura)** [font size 16]

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[font size 12 for the rest of the manuscript]

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(Received xxxx; accepted xxxx)

Abstract

Differences in life histories and mating systems can influence the strength of …

ALIGN ALL TEXT TO THE LEFT

THROUGHOUT TEXT: NO ADDITIONAL SPACE BETWEEN PARAGRAPHS;

ONLY ONE SPACE BETWEEN SENTENCES

**Key Words**: breeding cycle, inter-species comparison, …

Introduction

Animal species vary in the degree of morphometric differentiation between males and females. This variation among taxa is likely a result of differences in the strength of sexual selection…

Operational sex ratios (OSRs), the ratio of sexually receptive males to sexually receptive

Crustaceans OSRs are generally biased toward males (Duffy & Thiel, 2007; Duffy *et al.,* 2010) …

MATERIALS AND METHODS

*Sampling*

We collected …

 [Second paragraph]

*Statistical analysis*

RESULTS

DISCUSSION

SUPPLEMENTARY MATERIAL

ACKNOWLEDGEMENTS

Do not forget to thank the anonymous reviewers!

REFERENCES

**IMPORTANT: NEVER USE CODING FOR REFERENCES, INCLUDING REFERENCE CALLS IN THE BODY OF THE TEXT!!**

**List of captions** (please carefully follow the following example, paying attention to the placement of abbreviations, semi-colons, and commas):

**Figure 1**.Secondary sexual characters of *Thysanoessa macrura* . Ventral view of a fully developed thelycum with pigment spots visible throughout the coxal plates (CP) (**A**). Petasma of a reproductive male on the first pleopod (**B**). AL, auxillary lobe; IL, inner lobe; LP, lateral process; ML, middle lobe; PP, proximal process; SL, setiferous lobe; TP, terminal process. Scale bars: **A** = 20µm …

**Tables** – must be uploaded as separate files. Insert caption at the top of the table. **[Table 1.** The … [no need to include headings in manuscript]]

**RESEARCH NOTES manuscripts**: same as above except that the body of the text below abstract and key words will NOT be divided into “Introduction,” “Materials and Methods,” etc.

**USEFUL HINTS IN THE USE OF *JCB* STYLE:**

Fig. 8, Fig**s**. 8–10, but Fig. 8A, B [singular “Fig.”]

*N* = 5 (*N* in *italics*;space before and after *=*)

*P* > 0.5 (capital *P* in *italics*; space before and after *>*), *df*

Chi-square or χ2

15–20 mm; 15 to 20 days; 15–20 d (en-dashes, not hyphens)

15%, 15 °C [space before degree symbol]

“10 min” or “ten minutes”

–15 °C, 8 km–day (**minus symbol**, not hyphen in both cases)

M instead of mol

“×” instead of “x”, as in “5 × 6 cm”

“l” instead of “L” for liters (5 l, 10 ml)

e.g., i.e., [not in italics and followed by comma]

1500 h [not 15:00 or 3 pm]

Insert name of manufacturer first time an instrument or chemical is mentioned (google the manufacturer for the information): “…Nikon SMZ800 (Nikon, Tokyo, Japan); Zeiss Discovery V12 stereomicroscope (Carl Zeiss, Oberkochen, Germany); Trizol Reagent (Invitrogen, Carlsbad, CA, USA) [abbreviate state]

Other examples:

Applied Biosystems, Foster City, CA, USA

Leica Biosystems, Wetzlar, Germany

Qiagen, Hilden, Germany

Sigma-Aldrich, St. Louis, MO, USA

Hitachi, Tokyo, Japan

Canon, Tokyo, Japan

Olympus, Tokyo, Japan

Thermo Fisher Scientific, Waltham, MA, USA

Never start a sentence with “However”: ~~However, t~~The distance covered, however, was …

OR (better) The distance covered was nevertheless …

Do not start sentences with “In addition, we …” but write “We also …” The same with starting sentences with “Thus, …” and “Therefore, …”

Notice: “shrimp,” “fish,” when referring to one species; “shrimps,” “fishes,” when more than one species.

REFERENCES:

[BEWARE: ONLINE LIST OF REFERENCES AND SIMILAR FILES/SITES [such as ResearchGate] OFTEN CONTAIN ERRORS: PLEASE CHECK THE ORIGINAL PDF OR PRINTED ISSUE]

Edn. 2 [not “second edition”]

Series x, Série x.

 Xxx [in Chinese].

Order of authors:

Schmidt, K. & Atkinson, A. 2016. Feeding and food processing in Antarctic krill (*Euphausia superba* Dana). In: *Biology and Ecology of Antarctic Krill* (V. Siegel, ed.), pp 175–224. Springer, Switzerland. [**one or two authors take preference**]

Schmidt, K., Atkinson, A., Petzke, K., Voss, M. & Pond, D. 2014. Protozoans as a food source for Antarctic krill, *Euphausia superba*: Complementary insights from stomach content, fatty acids, and stable isotopes. *Limnology and Oceanography,* **51**: 2409–2427.

Schmidt, K., Atkinson, A., Pond, D. W. & Ireland, L. C. 2006. Feeding and overwintering of Antarctic krill across its major habitats: The role of sea ice cover, water depth, and phytoplankton abundance. *Limnology and Oceanography,* **59**: 17–36.

[**alphabetical order of second author, not chronological order**]

doi numbers in references published only online: preference given to pages in published articles

*Nature Communications,* **5** [doi: 10.1038/ncomms5318].

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