

## Hayden Schilling

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**From:** Iain Suthers  
**Sent:** Tuesday, 4 August 2020 3:26 PM  
**To:** Hayden Schilling; Peter Yates  
**Cc:** Jason Everett; Mark Baird; Amandine Schaeffer  
**Subject:** RE: 2004 Zooplankton OPC Paper  
**Attachments:** Schilling et al Cross\_shelf zooplankton\_27\_7\_20-is.docx

Finished it – beautiful figures! Congratulations.

Bring in the opening Introduction more on “wasp-waist” ecosystems of Bakun, and more on Holland et al. 2020; Claisse et al. 2016

We seem to have missed the Kuroshio work on frontal concentrations of zooplankton

\*\*I really liked the global comparisons and hence the L&O suggestion for a journal.

Why “Bunyip”? it’s a modified SeaSoar.

Fig. 3, 4, 5 are hard to see – can you re-scale Y axis from 0 to 120 m.

Label Fig. S3 with DH, NSI, EH, CB

Maybe in caption to Fig. S4 – note which is onshore and which is offshore as well?

Units in Fig. S5 – mg/m<sup>3</sup> or normalised biomass?

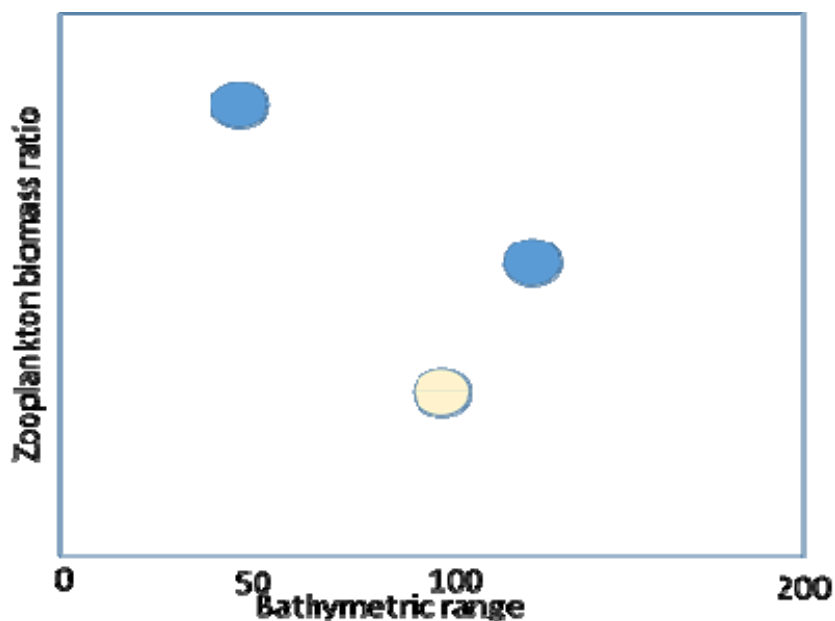
\*\*Fig. S6 is pure gold – make a case to bring it and 5 into the main MS? At what cost to other figures? [how does the slope with bathymetry look?]

\*\*I love figures 7 and 8

I understand why you did the ratio (different units) but we need to see what you decided as “inshore” and “offshore”

\*\* Fig. 7 needs to be bigger and an x-axis – suggest this and link with numbers to Table S1?

Can you include in Fig. 7 a mud-map or global site map of these studies



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**From:** Iain Suthers  
**Sent:** Tuesday, 4 August 2020 1:57 PM  
**To:** Hayden Schilling <h.schilling@unsw.edu.au>; Peter Yates <peter.yates2@my.jcu.edu.au>  
**Subject:** RE: 2004 Zooplankton OPC Paper

Well done Hayden! I understand Pete's given you some feedback – sorry if we overlap.  
\*\* bring in the opening Introduction more on “wasp-waist” ecosystems of Bakun, and more on Holland et al. 2020; Claisse et al. 2016

I really liked the global comparisons and hence the L&O suggestion for a journal.

Only got to Results – lots of ideas on that final figure. More tomorrow morning.  
I have to go now – I'll just add to the attached.  
Iain

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**From:** Hayden Schilling  
**Sent:** Monday, 27 July 2020 3:31 PM  
**To:** Iain Suthers <i.suthers@unsw.edu.au>; Jason Everett <jason.everett@unsw.edu.au>; Mark Baird <Mark.Baird@csiro.au>; Amandine Schaeffer <a.schaeffer@unsw.edu.au>; Peter Yates <peter.yates2@my.jcu.edu.au>  
**Subject:** 2004 Zooplankton OPC Paper

Hi Everyone,

Thanks for your great comments on the last version of this paper. I think I have now finished it pending any further comments you have.

I was unable to find the CTD information from the Bunyip, it was not in Baird et al 2008 or on the MNF website as far as I could find. If anyone knows this it would be appreciated  
I also think the discussion may be a bit long and maybe needs a little reorganising.

Let me know what you think.

Thanks,

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