I have carefully read the revised version of the manuscript by Béjard et al. In general, I am satisfied with the changes made to the manuscript and think it is almost ready for acceptance. There is one issue, however, that troubles me and that I encourage the authors to critically look into their calculations. I suppose that if any changes are needed, they will not be of a nature that warrants revising the conclusions, but some of the numbers might have to be adjusted.

Like in the previous review, I remain concerned about the calculation of the flux-weighted mean shell weight of *N. incompta* shown in Fig. 6. The authors show a flux-weighted mean of approximately 3.3 micrograms (the red line in the figure below), which is supposedly calculated based on the monthly mean weight and the monthly mean shell flux (section 3.4). It makes sense to calculate the mean weight in this way, but I am unsure it is what has been done.
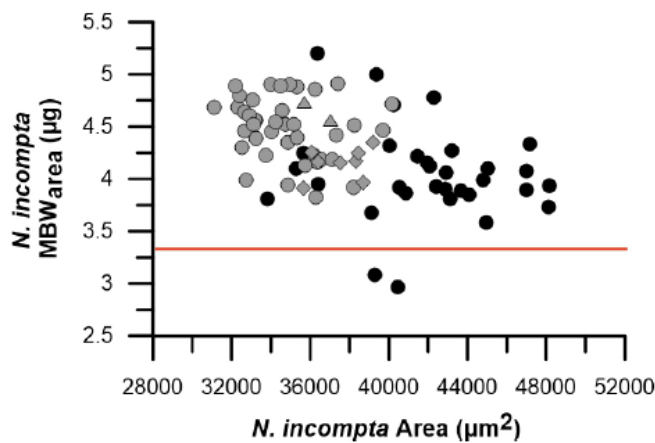
This is because the monthly mean weights of *N. incompta* are always above 3.6 micrograms (see detail of Fig. 3 and 4 below).
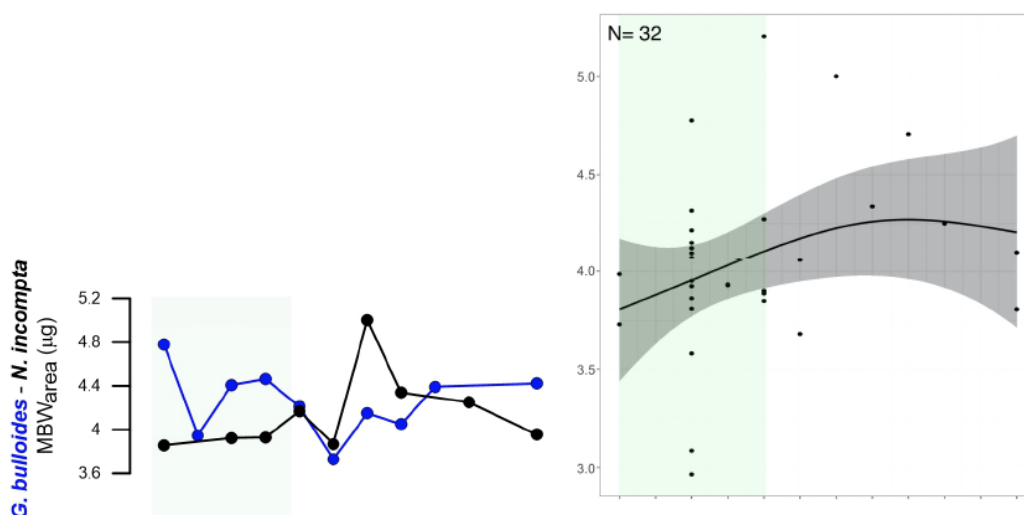
So I don't understand how the flux-weighted mean shell mass can be below the monthly mean value. Either the authors have done the calculations in a different way, in which case

they need to update their method section, or there is an error and they need to carefully check their calculations. If there is an error, the authors should of course also double check the other calculations.

In addition, the ages provided in the legend of figure 6 are wrong for the trap (they should be negative for the BP ages) and, if I understand correctly what is shown, misleading for the sediments as these are only the ages of the dated samples, not of all samples analysed.