

**Supplementary material**

**Implications of a regional-scale process (the Lakshadweep low) on the mesozooplankton community structure of the Arabian Sea**

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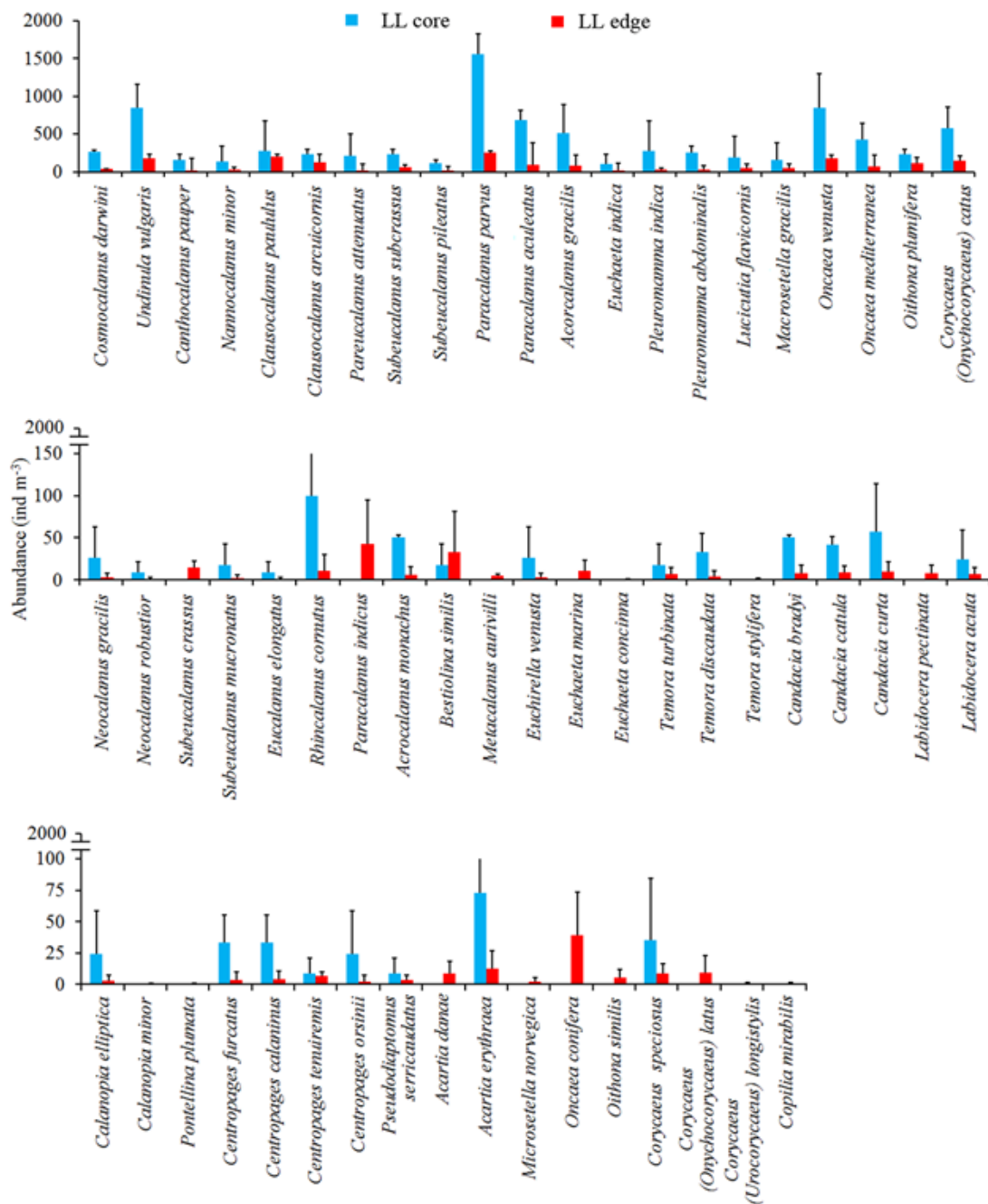
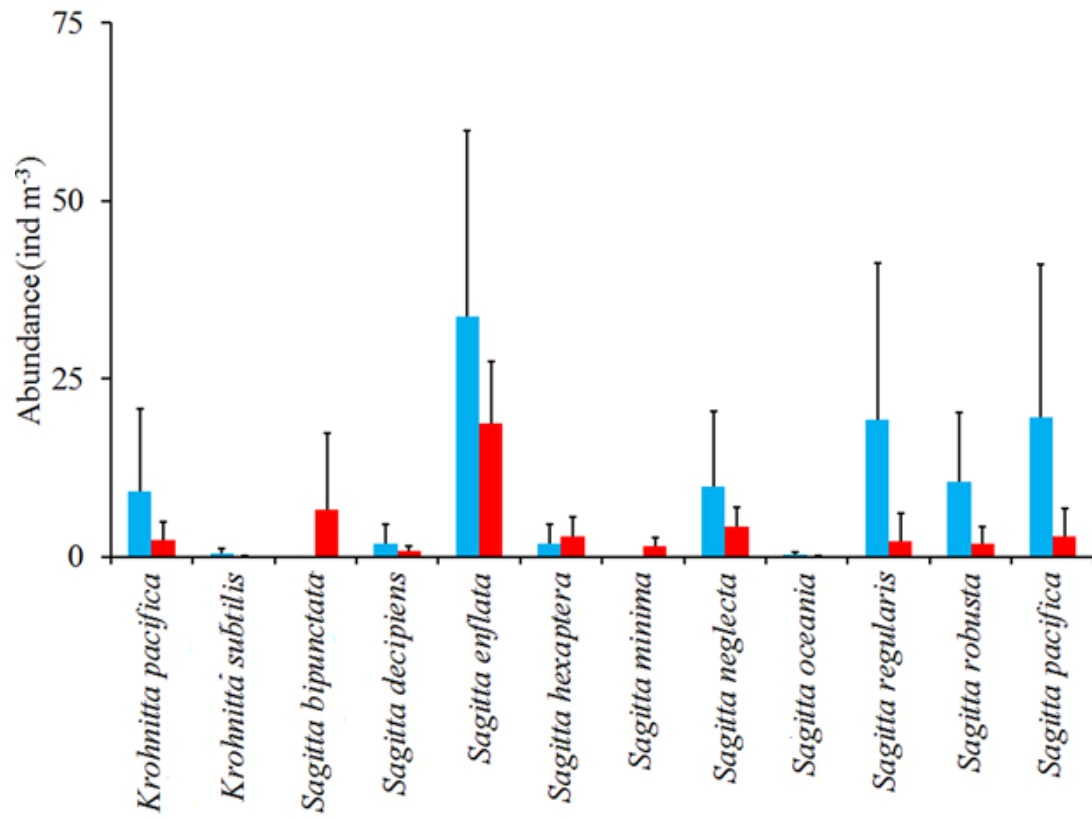
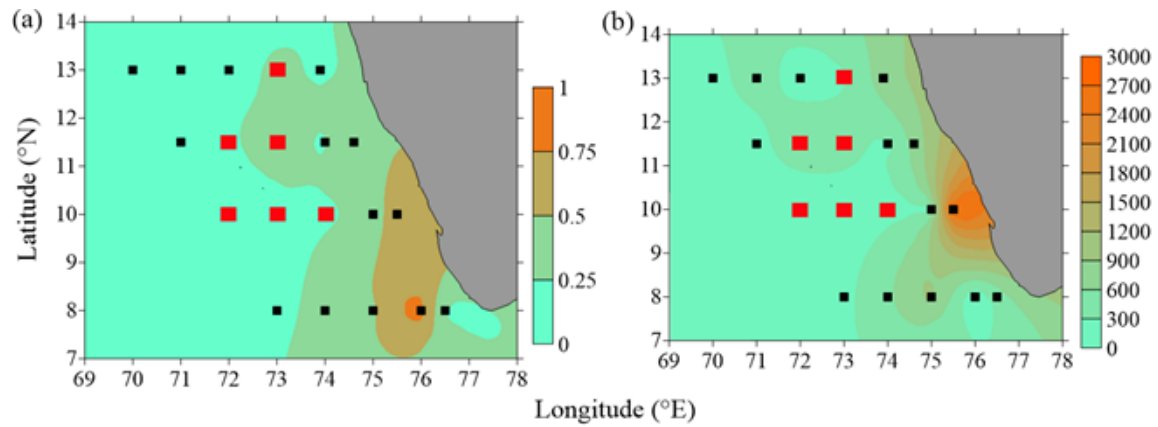


Fig. S1. Abundance of copepod species along the Lakshadweep Low (LL) core and LL edges.



**Fig. S2.** Abundance of chaetognath species along the Lakshadweep Low (LL) core and LL edges.



**Fig. S3.** Distribution of the zooplankton (a) biomass ( $\text{mL m}^{-3}$ ) and (b) abundance ( $\text{individuals m}^{-3}$ ) during early summer monsoon (sampling during 26 May to 24 June). Though sampling was carried out on seven zonal transects along 8–19°N, to make it comparable with the present study, the datasets from 8 to 13°N were used (red dots indicate the Lakshadweep Low regions identified in this study).