

# Canadian Technical Report of Fisheries and Aquatic Sciences

## #3744 – Figure 19

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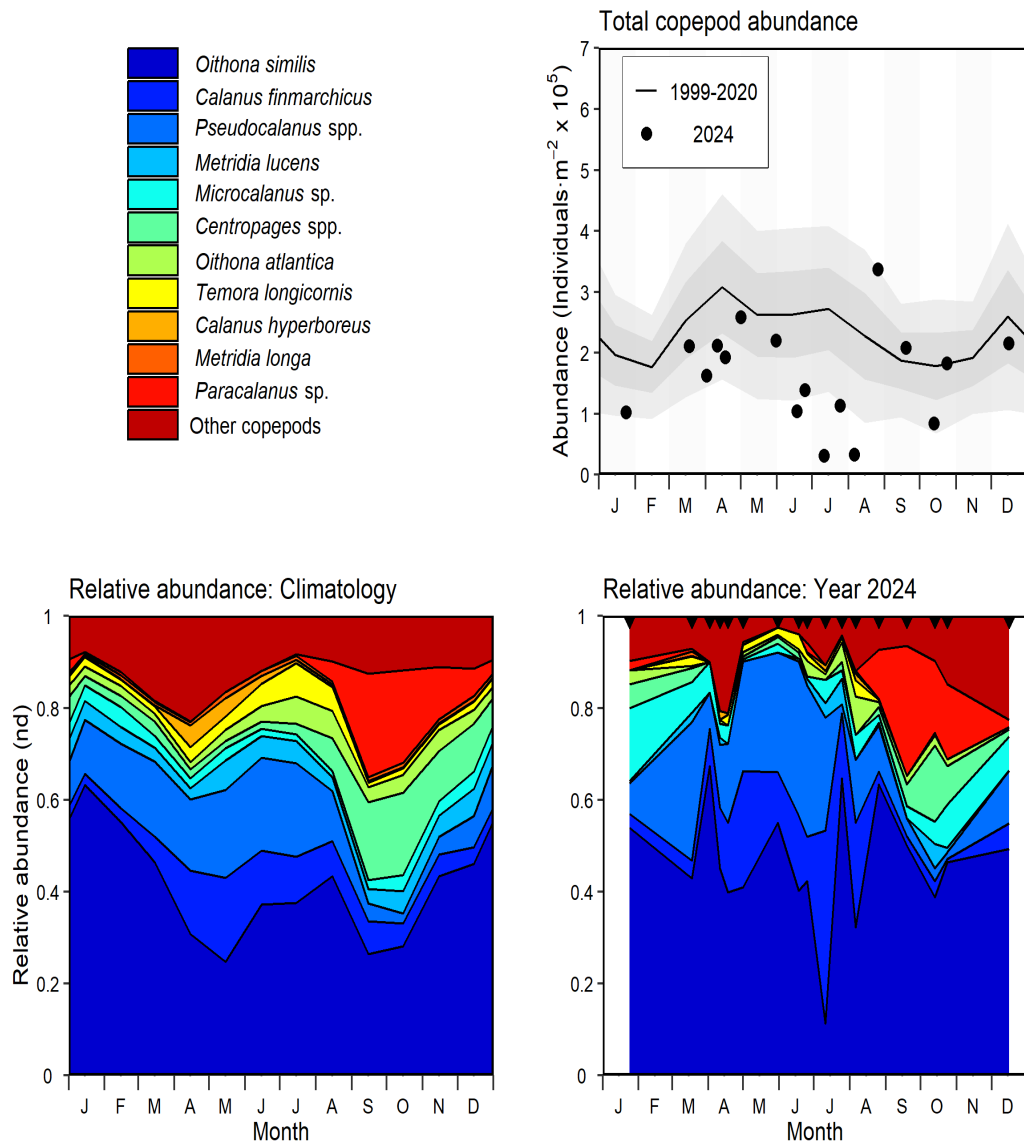
Casault, B., Johnson, C., Devred, E., Clay, S., and Beazley, L. 2025. Chemical and Biological Oceanographic Conditions on the Scotian Shelf and in the Eastern Gulf of Maine during 2024. Can. Tech. Rep. Fish. Aquat. Sci. 3744: vi + 58 p. <https://doi.org/10.60825/p6ad-1k52>

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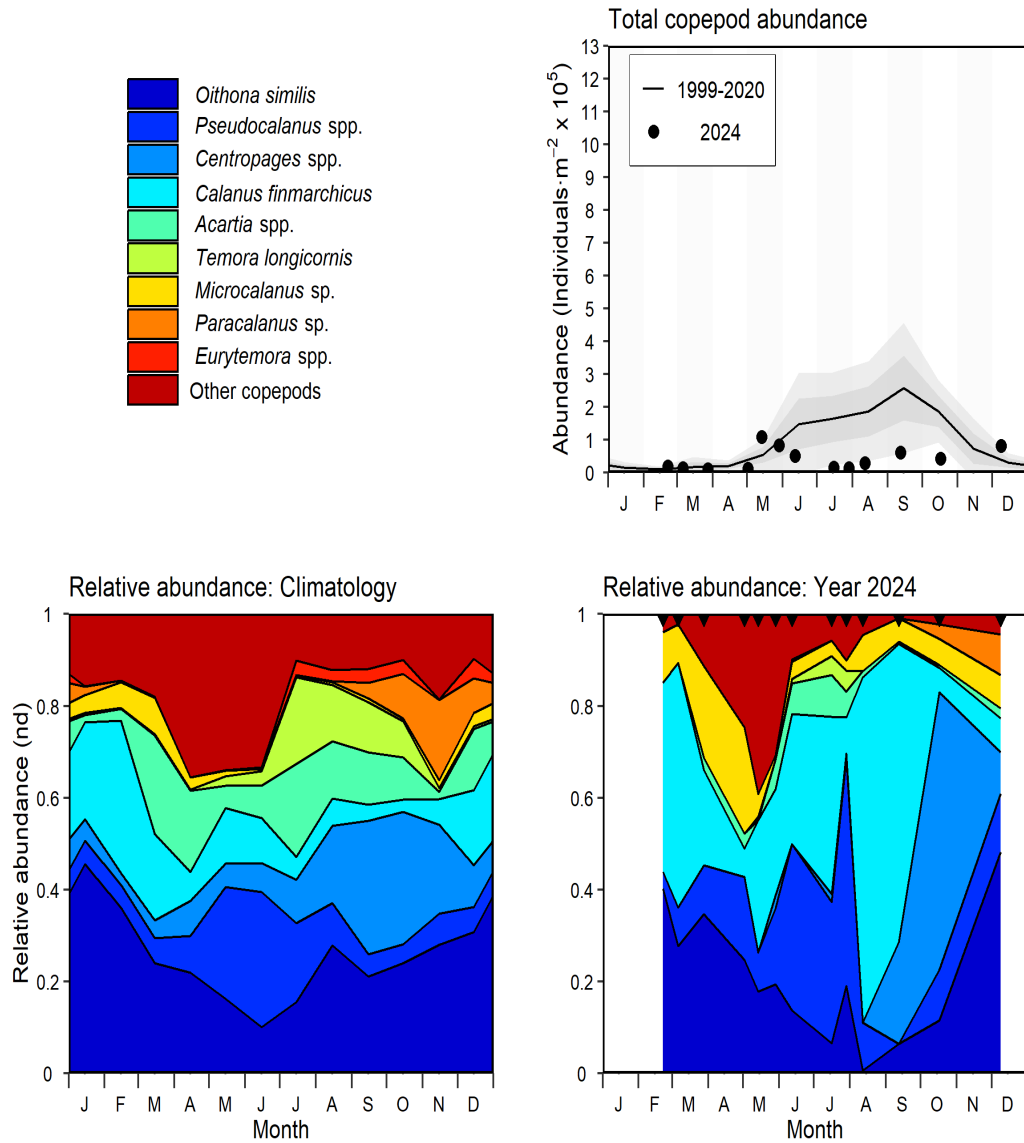
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## Figure



Copepod abundance and composition at Halifax-2; the top 95% copepod taxa by abundance (ordered from most to least abundant) are shown individually; unidentified copepods (mostly nauplii) are grouped as “Other copepods”. Top right panel: Copepod abundance; the solid circles represent the 2024 data; the solid line represents the monthly climatological means for the reference period 1999-2020; the gray shaded ribbons represent the standard deviation ( $\pm 0.5$  and  $\pm 1$  sd) of the monthly means. Bottom left panel: Climatological mean copepod relative abundance for the reference period 1999-2020. Bottom right panel: Copepod relative abundance in 2024. Black triangles in the bottom right panel indicate sampling dates. White areas indicate no data.

## Figure



Copepod abundance and composition at Prince-5; the top 95% copepod taxa by abundance (ordered from most to least abundant) are shown individually; unidentified copepods (mostly nauplii) are grouped as “Other copepods”. Top right panel: Copepod abundance; the solid circles represent the 2024 data; the solid line represents the monthly climatological means for the reference period 1999-2020; the gray shaded ribbons represent the standard deviation ( $\pm 0.5$  and  $\pm 1$  sd) of the monthly means. Bottom left panel: Climatological mean copepod relative abundance for the reference period 1999-2020. Bottom right panel: Copepod relative abundance in 2024. Black triangles in the bottom right panel indicate sampling dates. White areas indicate no data.

# Data

## Time series

The copepod abundance data used to plot Figure 19 are available in the files *Copepods\_Stations\_HL2\_Timeseries.csv* for Halifax-2 and *Copepods\_Stations\_P5\_Timeseries.csv* for Prince-5 fixed stations.

## Climatology

The copepod abundance climatology data used to plot Figure 19 are available in the files *Copepods\_Stations\_HL2\_Climatology.csv* for Halifax-2 and *Copepods\_Stations\_P5\_Climatology.csv* for Prince-5 fixed stations.