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As a courtesy to fellow scientists, please e-mail Dr. Catherine Johnson (Catherine.Johnson@dfo-mpo.gc.ca) to indicate how you are using these data so that efforts are not duplicated. Comments and suggestions are also welcome.

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Citation

It is suggested that data users cite the DFO Canadian Science Advisory Secretariat (CSAS) research documents as specified within the “Foreword” of the associated report body:

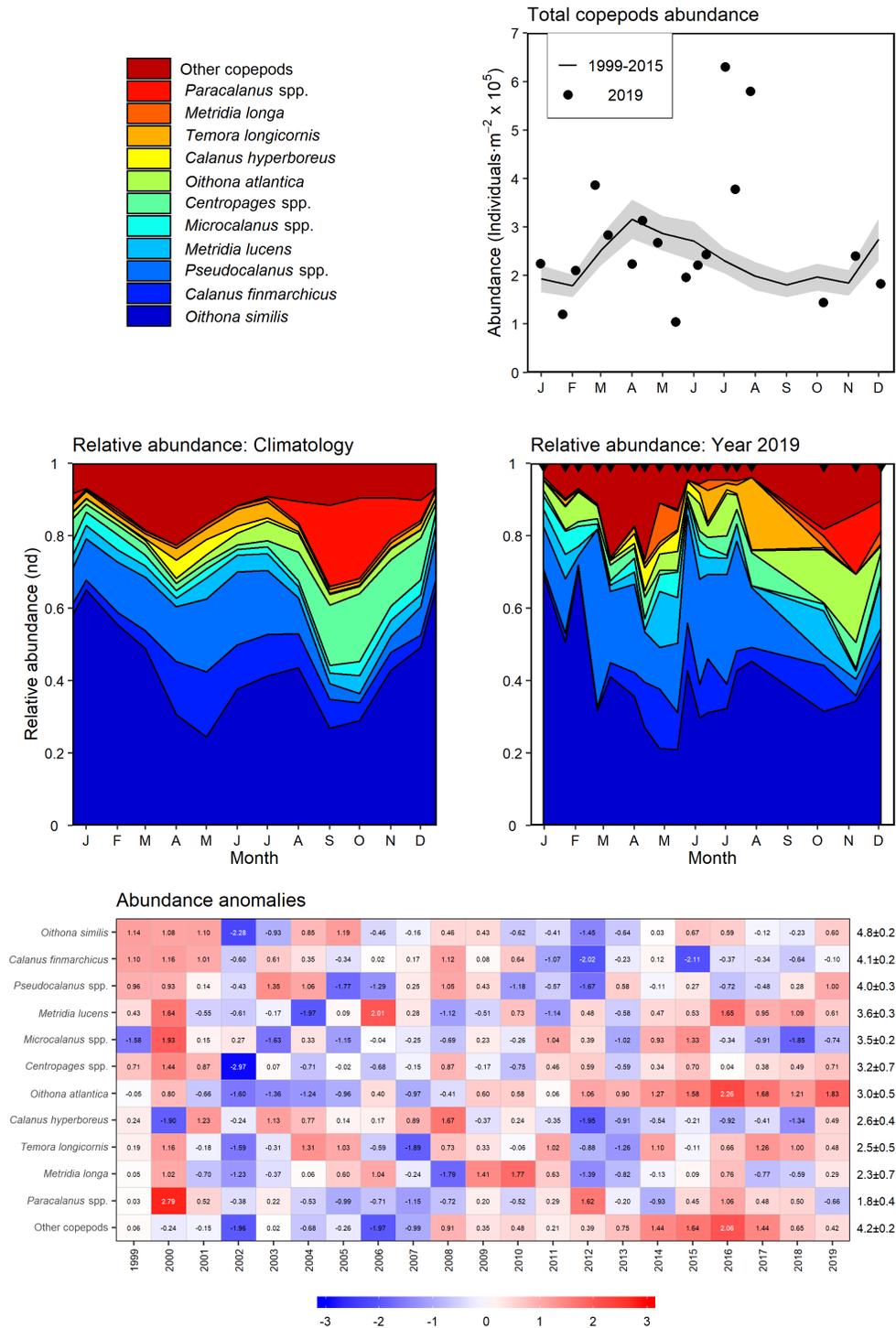
Casault, B., Johnson, C., Devred, E., Head, E., Cogswell, A., and Spry, J. 2020. Optical, Chemical, and Biological Oceanographic Conditions on the Scotian Shelf and in the Eastern Gulf of Maine during 2019. DFO Can. Sci. Advis. Sec. Res. Doc. 2020/xxx. vi + 64 p.

Contact

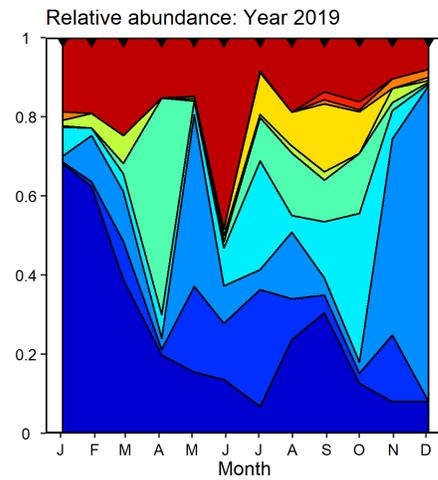
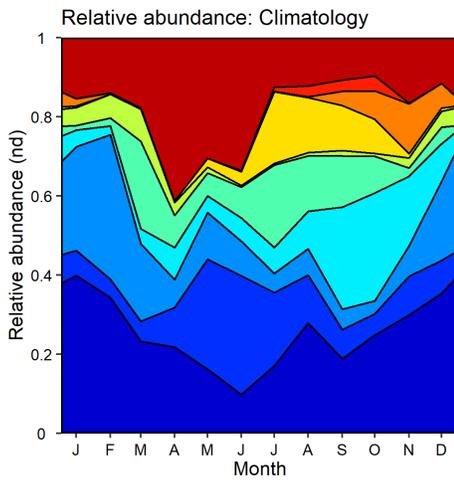
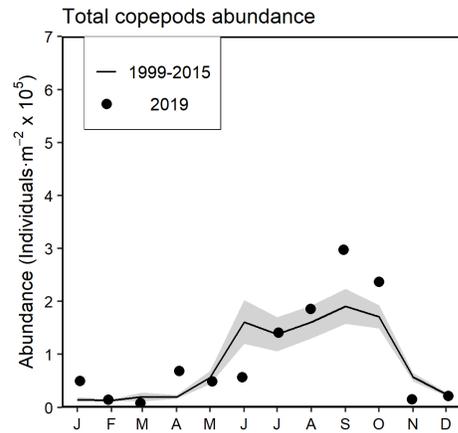
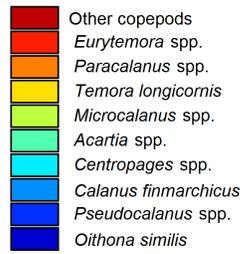
For questions concerning the data provided, please contact:

Dr. Catherine Johnson
Fisheries and Oceans Canada
Bedford Institute of Oceanography
P.O. Box 1006, 1 Challenger Dr.
Dartmouth, N.S. Canada B2Y 4A2
Tel: 902-426-0753
Email: Catherine.Johnson@dfo-mpo.gc.ca

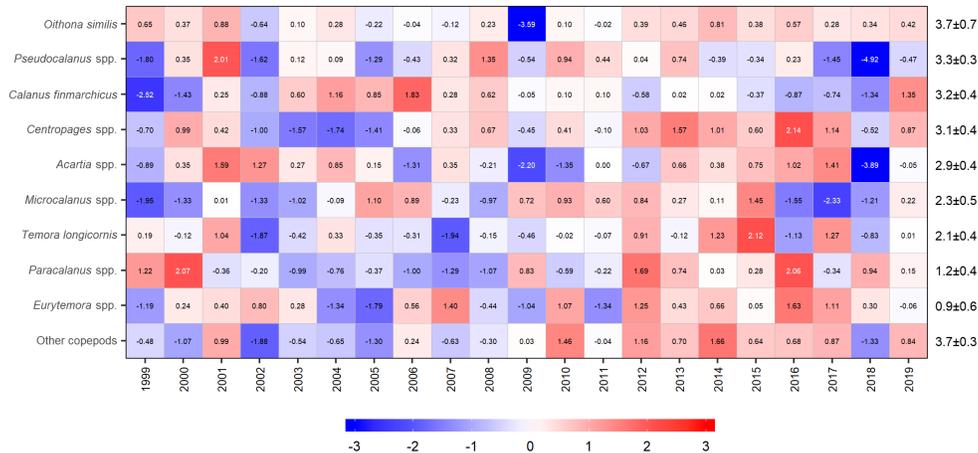
Figure



Variability of dominant copepods at Halifax-2. The top 95% copepod taxa by abundance are shown individually; unidentified copepods (mostly nauplii) are grouped as “others.” Upper right panel: copepod abundance in 2019 (solid circle) and mean conditions, 1999–2015 (solid line). The gray shaded area represents the standard error of the monthly means. Middle left panel: Climatology of copepod relative abundances, 1999–2015. Middle right panel: copepod relative abundance in 2019. nd = no dimensions. Black triangles in the middle right panel indicate sampling dates. Tick marks on the horizontal axes indicate the 15th day of the month. Bottom panel: Annual anomaly scorecard for copepod abundance. Values in each cell are anomalies from the mean for the reference period, 1999–2015, in standard deviation (sd) units (mean and sd listed at right). A grey cell indicates missing data. Red (blue) cells indicate higher- (lower-) than-normal abundances.



Abundance anomalies



Variability of dominant copepods at Prince-5. The top 95% copepod taxa by abundance are shown individually; unidentified copepods (mostly nauplii) are grouped as “others.” Upper right panel: copepod abundance in 2019 (solid circle) and mean conditions, 1999–2015 (solid line). The gray shaded area represents the standard error of the monthly means. Middle left panel: Climatology of copepod relative abundances, 1999–2015. Middle right panel: copepod relative abundance in 2019. nd = no dimensions. Black triangles in the middle right panel indicate sampling dates. Tick marks on the horizontal axes indicate the 15th day of the month. Bottom panel: Annual anomaly scorecard for copepod abundance. Values in each cell are anomalies from the mean for the reference period, 1999–2015, in standard deviation (sd) units (mean and sd listed at right). A grey cell indicates missing data. Red (blue) cells indicate higher- (lower-) than-normal abundances.

Data

Time series

The dominant copepods abundance data used to plot Figure 25 are available here for [HL2](#) and [P5](#) fixed stations.

Climatology

The dominant copepods abundance climatology data used to plot Figure 25 are available here for [HL2](#) and [P5](#) fixed stations.