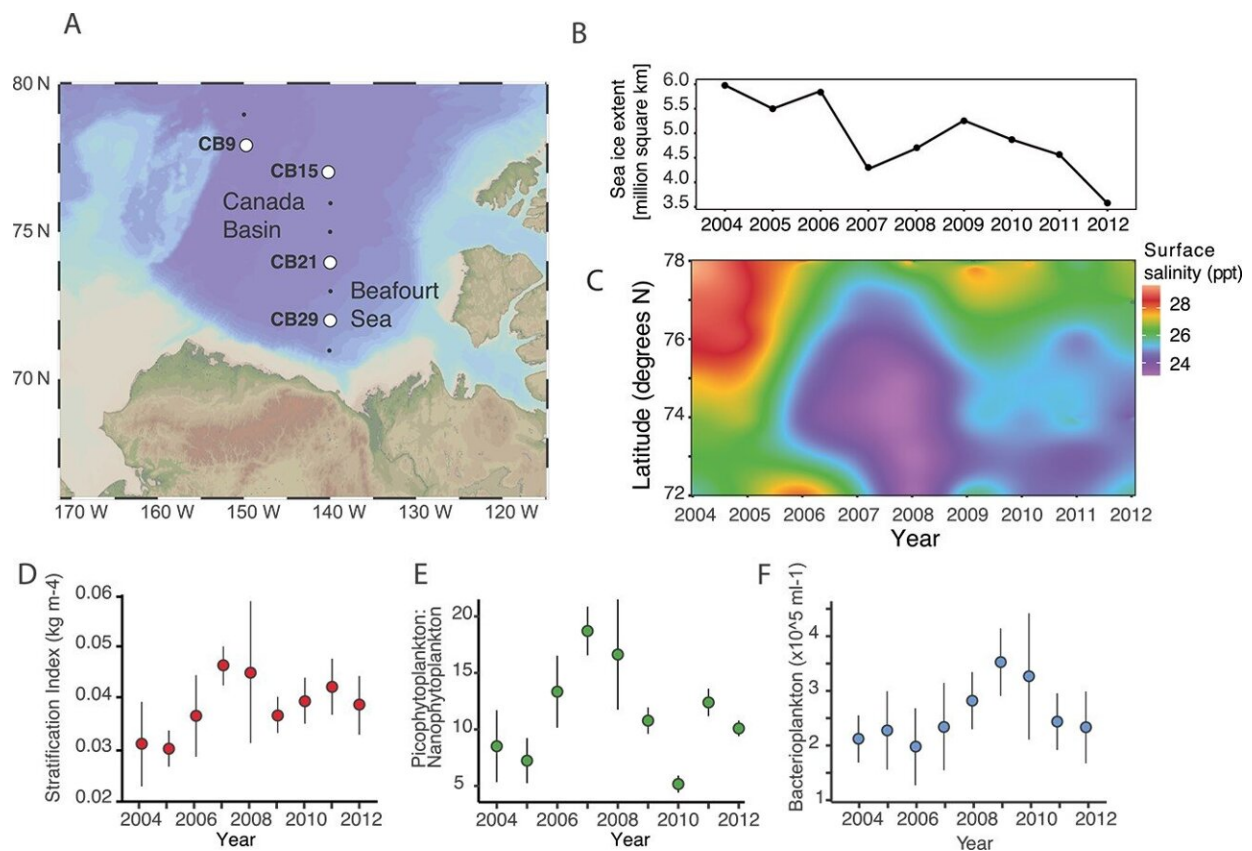


# Researchers identify a decline in microbial genetic richness in the western Arctic Ocean

February 13 2024, by Patrick Lejtenyi



The change in environmental conditions in the Canada Basin over the 2004–2012 time series; (A) map of the Arctic Ocean showing station locations (circles) included in this study; (B) variability in summer sea ice extent in the Arctic Ocean; data are from the National Snow and Ice Data Center; (C) the latitudinal gradient in sea surface salinity over the time series; (D) stratification index, error bars indicate among-station standard deviation; (E) ratio of picophytoplankton to nanophytoplankton; (F) bacterioplankton. In panels E and F, values are the average of all measurements >15 m in depth and salinity

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