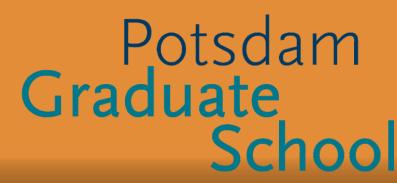
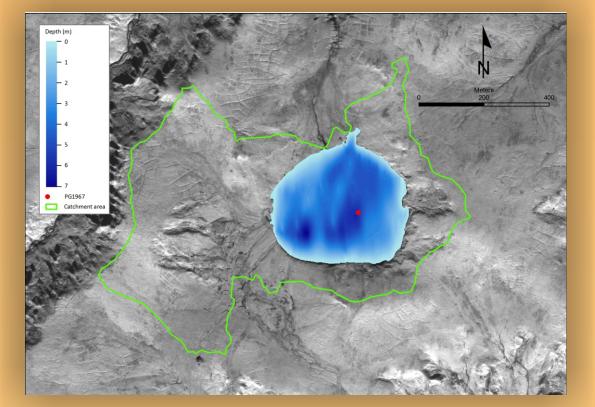
ALFRED-WEGENER-INSTITUT HELMHOLTZ-ZENTRUM FÜR POLAR-JND MEERESFORSCHUNG







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STUDY AREA AND SCIENTIFIC BACKGROUND

Lake sediments are valuable archives to reconstruct past environmental and climate conditions. A 727 cm sediment record from a lake in the centre of Herschel Island was recovered in order to gain insights into a dynamic periglacial system.

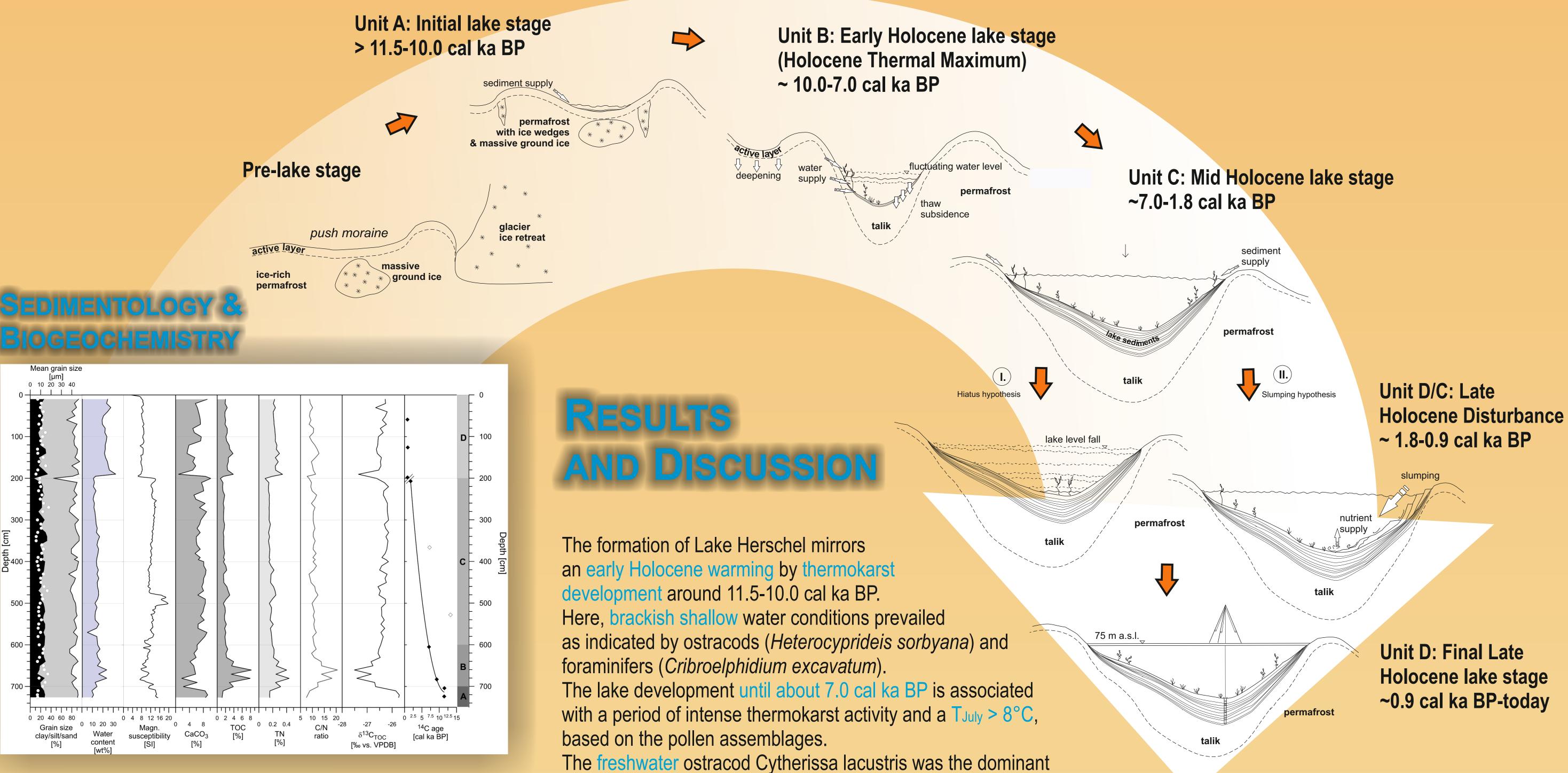
Herschel Island itself is of outstanding scientific interest since it is part of a push

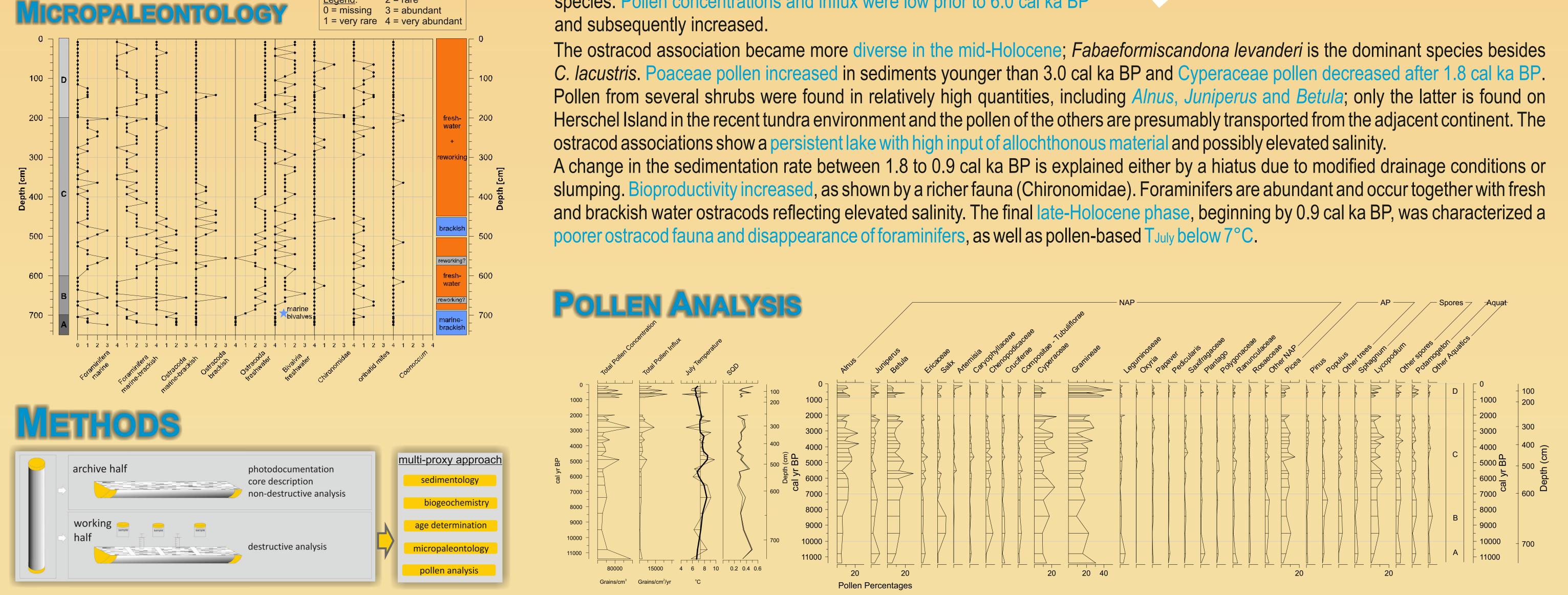


Bathymetry, catchment & core location of Lake Herschel (IKONOS satellite image, 2000) moraine at the westernmost edge of the Wisconsin Glaciation in Canada. A Holocene environmental record is now supplemented by palynological and micropaleontological results.

Aerial photo of Lake Herschel (2010)







species. Pollen concentrations and influx were low prior to 6.0 cal ka BP

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