FORAMINIFERA AS SEA SURFACE THERMOMETER

Learning outcome:

With this activity, pupils will explore in which region and which temperate climate some of the most abundant planktonic foraminifera live.

Materials needed:

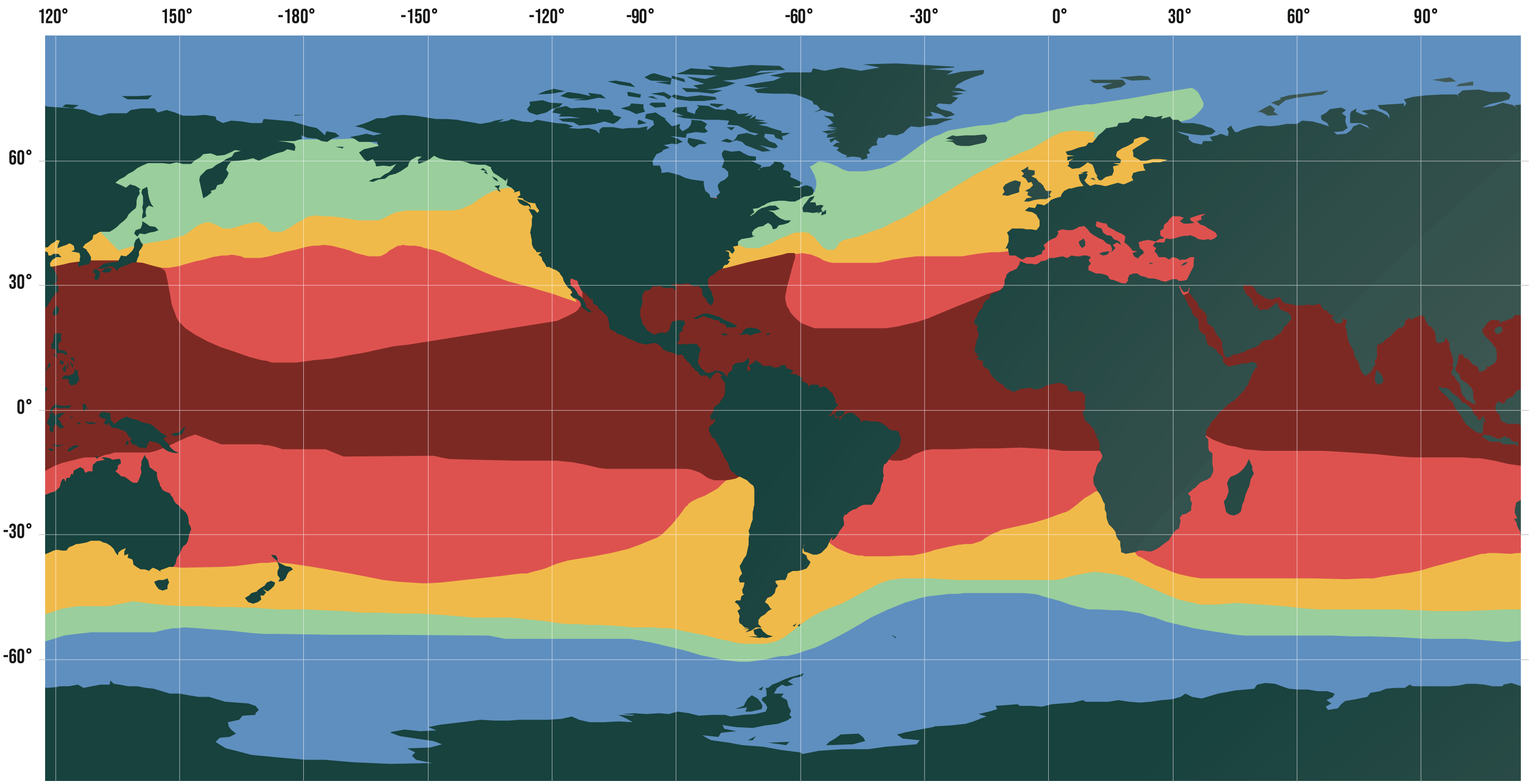
- Scissor
- Glue

This activity is modified from `Foraminifera Bioprovinces Activity` www.foraminarium.com/teaching-tools

In which ocean temperature or region do foraminifera live?

Print out this page (A2) and place the cut-out foraminifera in the correct place on the map. Use the chart (Planctonic Foraminifera Species) to understand at which water temperature and region the foraminifera lives.

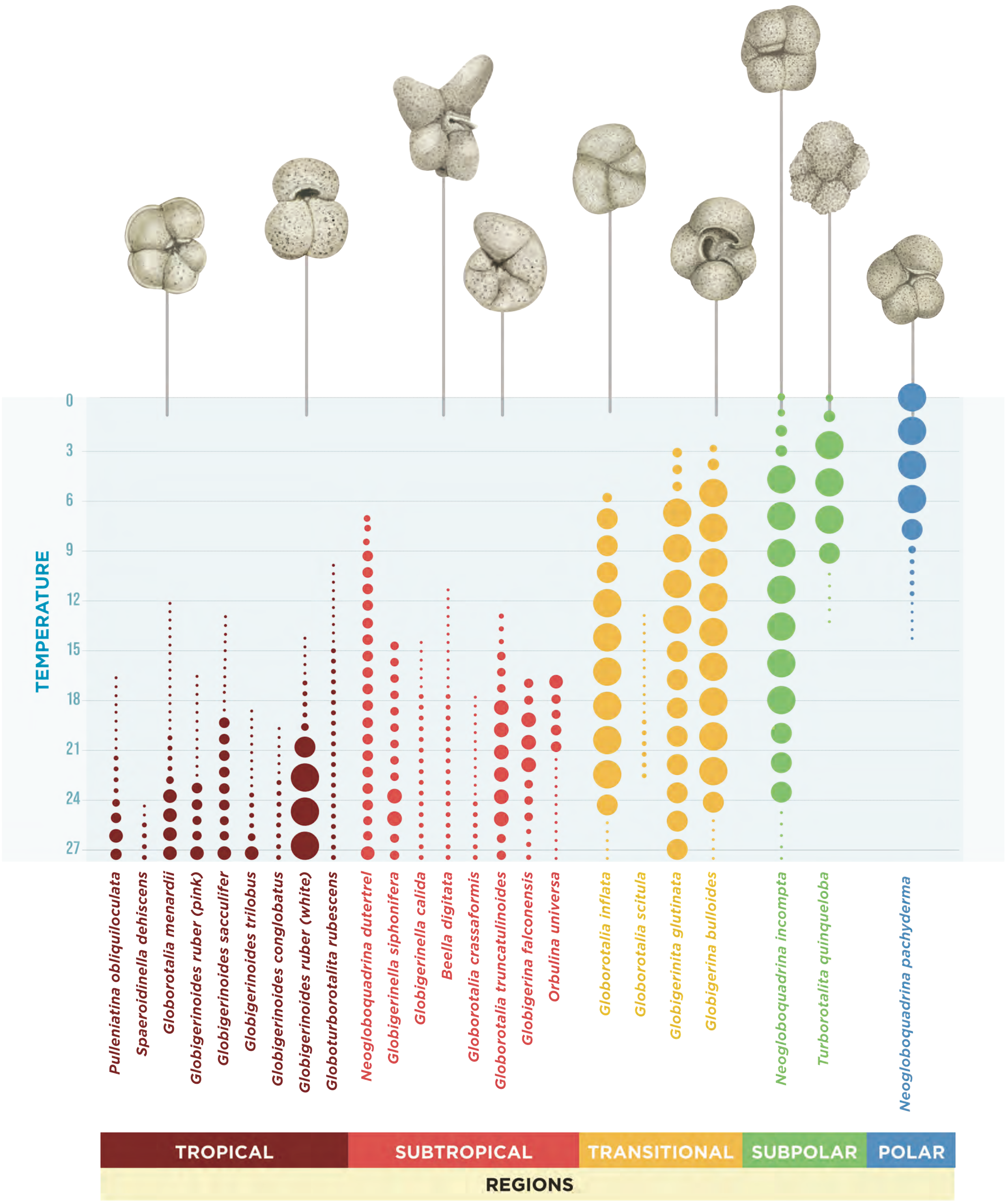
It can be downloaded for print out here: **https://before-dinosaurs.com/foraminifera-activity-box/**



modified from Kucera (2007)

This chart shows in which region and at which temperature planktonic foraminifera live

Here are some examples of the most abundand planktonic foraminifea species in different biogeographical regions and temperatures. Use this chart to help you find the right place on the map (Biogeographical map) for the cut-out foraminifera.



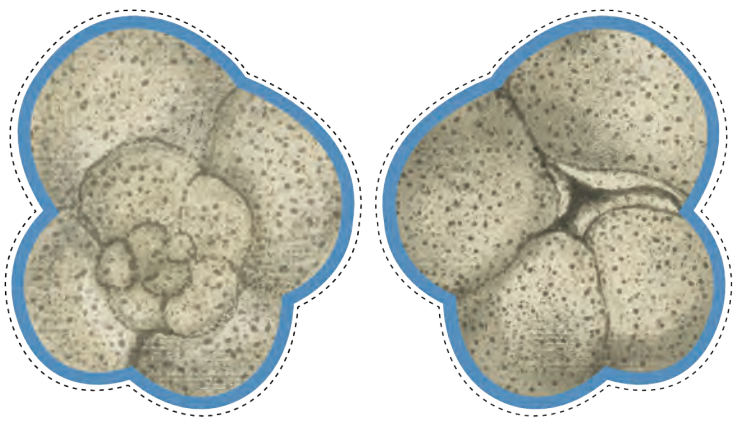
Use these different planktonic foraminifera species to place them in the correct position on the biogeographical map.

Print this page (A2) and cut out these foraminifera with a scissor. Then glue the dorsal side to the right ventral side. The ventral side is the side that (usually) shows the "opening", also called "aperture", of the foraminifera.

You can download this template for printing here:
https://before-dinosaurs.com/foraminifera-activity-box

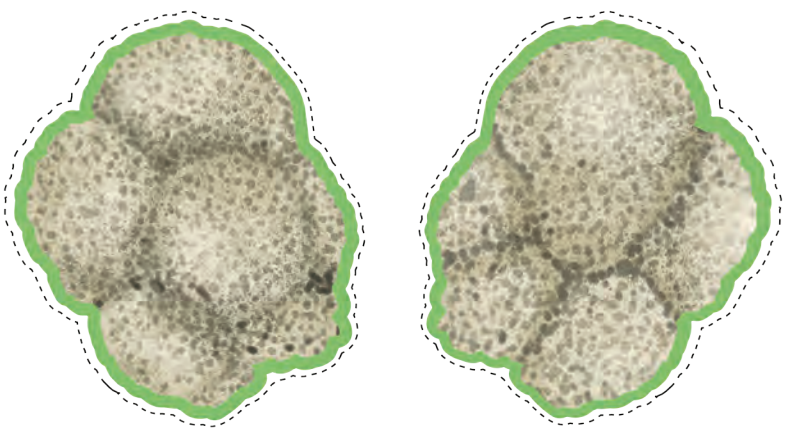
Neogloboquadrina pachyderma

Dorsal view Ventral view



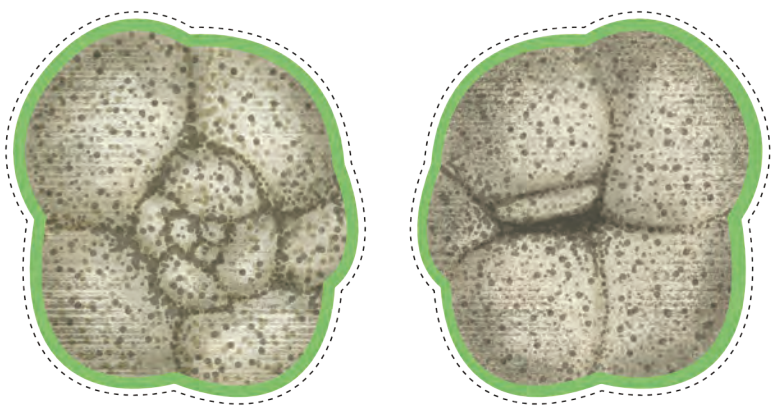
Turborotalita quinqueloba

Dorsal view Ventral view



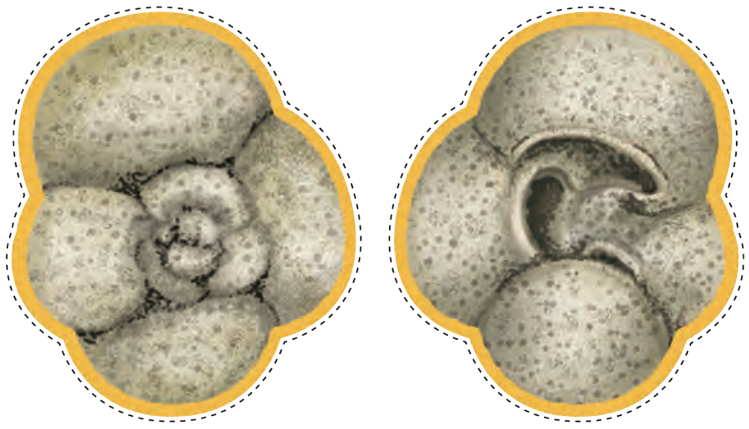
Neogloboquadrina incompta

Dorsal view Ventral view



Globigerina bulloides

Dorsal view Ventral view



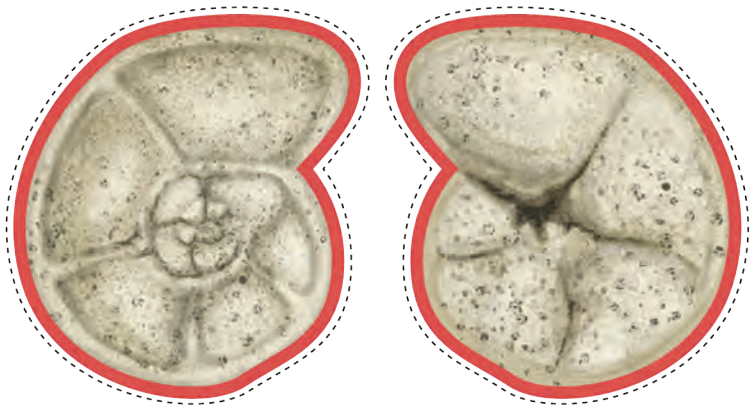
Globorotalia inflata

Dorsal view Ventral view

to be coninued ..

Globorotalia truncatulinoides

Dorsal view Ventral view

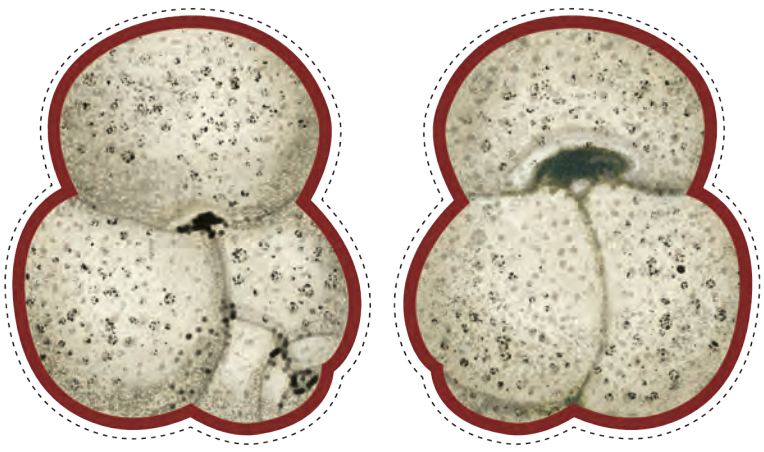


Beella digitata

Dorsal view Ventral view

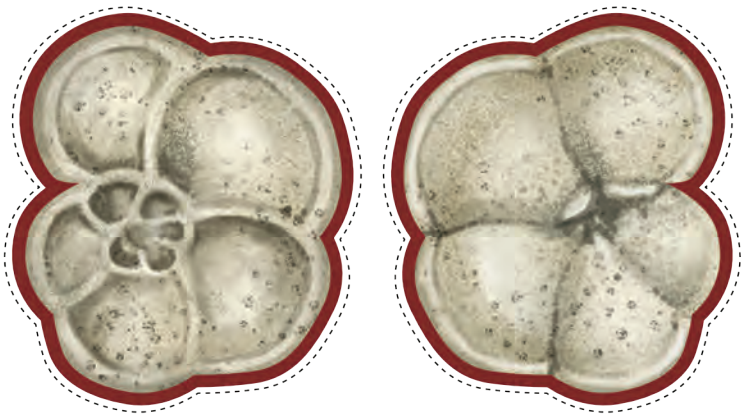
Globigerinoides ruber (white)

Dorsal view Ventral view



Globorotalia menardii

Dorsal view Ventral view



Use this page to note your observations

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