



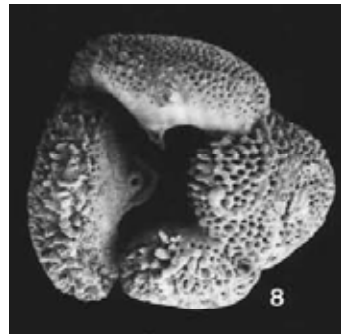
*Neogloboquadrina acostaensis*  
"Neo man"

**Site 806**  
**Thermocline Dweller**  
*late Miocene to early Pliocene*



Zone: base of N16–mid N18/N19

- Planktonic
- Many large specimens at Hole 806 B
- Replaced by its descendent, *Pulleniatina primalis*



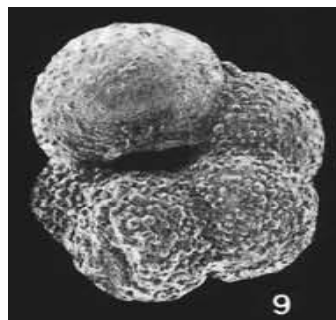
*Dentoglobigerina altispira*  
"Little choppers"

**Site 806**  
**Surface Dweller**  
*early Miocene to late Pliocene*



Zone: lower N4b–lower N21

- Planktonic
- Replaced *P. mayeri*
- Has "teeth"
- Became extinct and niche filled by *G. ruber*



*Tenuitellinata angustiumblicata*  
"Bumpy five"

**Site 806**  
**Surface Dweller**  
*early Oligocene to early Miocene*



Zone: upper P22–lower N16

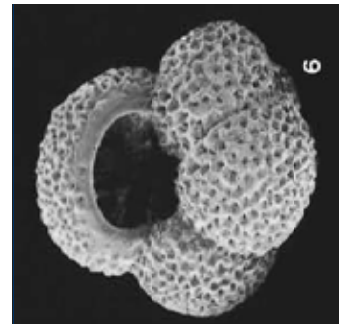
- Planktonic
- Very small species
- Became extinct; niche filled by *G. sacculifer*



**Site 806**  
**Thermocline Dweller**  
*late Miocene to late Pliocene*

Subzone: N17–N18/N19

- Planktonic
- Marked abundance in late Miocene to early Pliocene
- Increase in *N. dutertrei* parallels with gradual demise of *G. apertura*



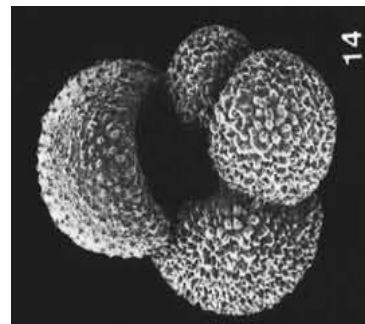
*Globigerina apertura*  
"Big mouth"



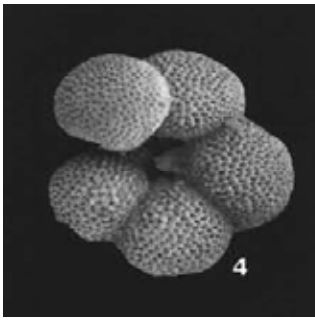
**Site 806**  
**Thermocline Dweller**  
*middle Miocene to present*

Zone: lower N8/N9–top of N22/N23

- Planktonic
- Indicator of "cool water" upwelling
- Indicator of high productivity in western equatorial Pacific



*Globigerina bulloides*  
"Little bully"



*Neogloboquadrina dutertrei*  
"Flower power"

**Site 806**  
**Thermocline Dweller**  
*late Miocene to present*



Zone: top of N17a–top of N22/N23

- Planktonic
- Indicator of "warm water" upwelling
- Parallels demise of *G. apertura* in mid Pliocene



*Globigerinoides fistulosus*  
"Bad-hair-day guy"

**Site 806**  
**Surface Dweller**  
*late Pliocene*



Zone: lower N21–  
lower N22/23

- Planktonic
- Descendent of *G. sacculifer*
- Last Occurrence (LO) at Pliocene/Pleistocene boundary



*Globorotalia fohsi*  
"Mohawk guy"

**Site 806**  
**Thermocline Dweller**  
*middle Miocene*



Zone: base of N12–top of N12

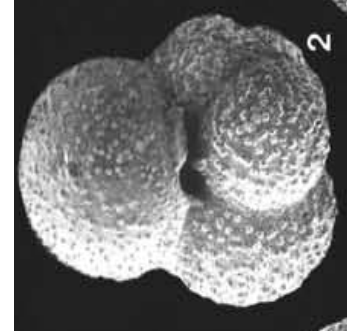
- Planktonic
- Raised keel around entire final whorl
- Became extinct; niche filled by *G. menardii*



**Site 806**  
**Surface Dweller**  
*late Oligocene to present*

Zone: upper P22–top of N22/N23

- Planktonic
- Most common and consistent species throughout Hole 806
- Decrease in Zone N7-N12 coincides with increased abundance of *G. sacculifer* (temporary competition)



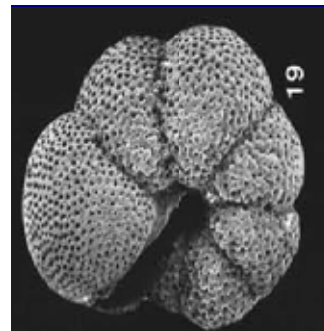
*Globigerinita glutinata*  
"Bumpy four"



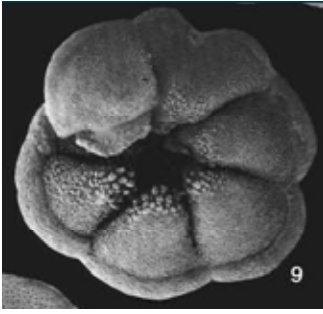
**Site 806**  
**Surface Dweller**  
*late Oligocene to late Miocene*

Zone: upper P22–top of N14

- Planktonic
- Existed with *P. kugleri*, but became dominant after *P. kugleri* became extinct
- Extinction coincides with major changes
- Niche filled by *D. altispira*



*Paragloborotalia mayeri*  
"Pretty mary"



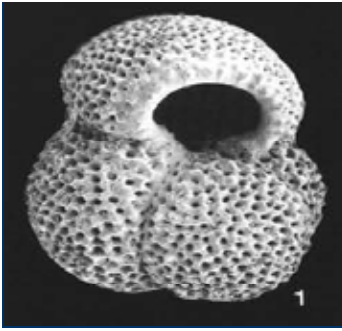
*Globorotalia menardii*  
"Mini kruller"

**Site 806**  
**Thermocline Dweller**  
*middle Miocene to present*



Zone: base of N13–top of N22/N23

- Planktonic
- Quickly became abundant as *G. fohsi* went extinct
- Exhibits various tests (shell) textures from smooth to glassy to rough and encrusted



*Globigerinoides obliquus*  
"Top sider"

**Site 806**  
**Surface Dweller**  
*late Miocene to early Pliocene*



Zone: N16–N17 a

- Planktonic
- Common in the late Miocene
- Replaced by other surface dwellers in the Pliocene



*Pulleniatina primalis*  
"Prima donna"

**Site 806**  
**Thermocline Dweller**  
*late Miocene to late Pliocene*



Zone: base of 17b–lower N22/N23

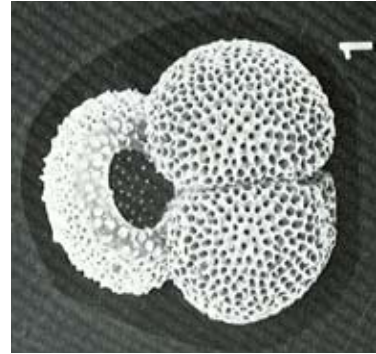
- Planktonic
- Widespread coiling change (Sinistral to dextral)
- Subdivided zone N19 (mid-Pliocene/early Pliocene)



**Site 806**  
**Surface Dweller**  
*late Miocene to present*

Zone: upper N16–N22/23

- Planktonic
- Flourished in saltier waters of South Equatorial current
- Marked increase in abundance in late Pliocene and Pleistocene



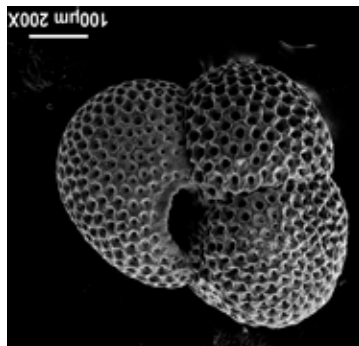
*Globigerinoides ruber*  
"Cyclops two"



**Site 806**  
**Surface Dweller**  
*early Miocene to present*

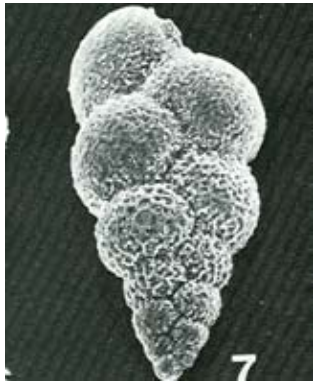
Zone: upper 4b–top of N22/N23

- Planktonic
- Replaces and fills niche of *T. angustumillicata*
- Sac-like chamber (shell)
- Descendent: *G. fistulosus*



*Globigerinoides sacculifer*  
"Sweet bubbles"





*Streptochilus globigerum*  
"Icecream cone"

**Site 806**

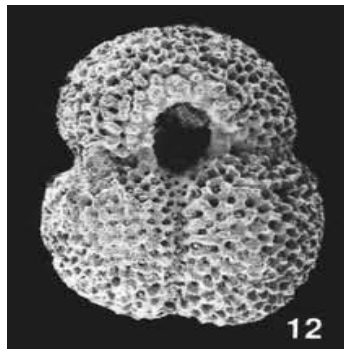
**Deep Dweller**

*middle Miocene to early Pliocene*



Zone: top of N6–upper N22/23

- Planktonic
- One of deepest dwelling genera of modern planktonic forams
- Abundant throughout late Miocene and much of Pliocene at Site 806



*Globigerinoides subquadratus*  
"Cyclops one"

**Site 806**

**Surface Dweller**

*early Miocene to middle Miocene*



Zone: mid N4b–base of N14

- Planktonic
- Had two pulses in the mid Miocene, which indicated changes in the surface ocean
- Abundance coincided with decrease in *G. glutinata*



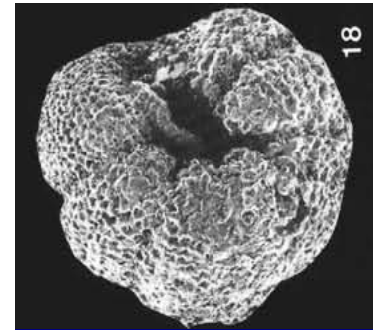
**Site 806**

**Surface Dweller**

*early Miocene*

Subzone: upper N4a/N4b

- Planktonic
- Short-ranging species (N4: Total range zone)
- Defines P22/N4 boundary
- Abruptly disappears; and defines the N4/N5 boundary
- Replaced by *P. mayeri*



*Paragloborotalia kugleri*  
"Sponge glob"



*Globorotalia tumida*  
"The tuminator"

**Site 806**

**Thermocline Dweller**

*early Pliocene to present*



Zone: N18/N19 –N22/23

- Planktonic
- Marked increase in abundance in late Pliocene
- Similar to *G. menardii*, but *G. tumida* has a fatter, thicker shell