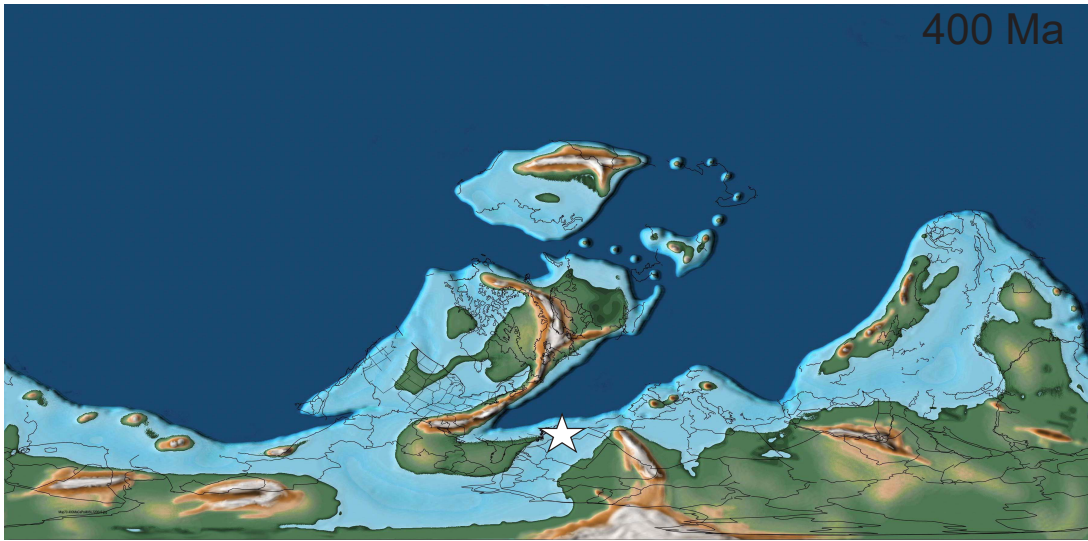
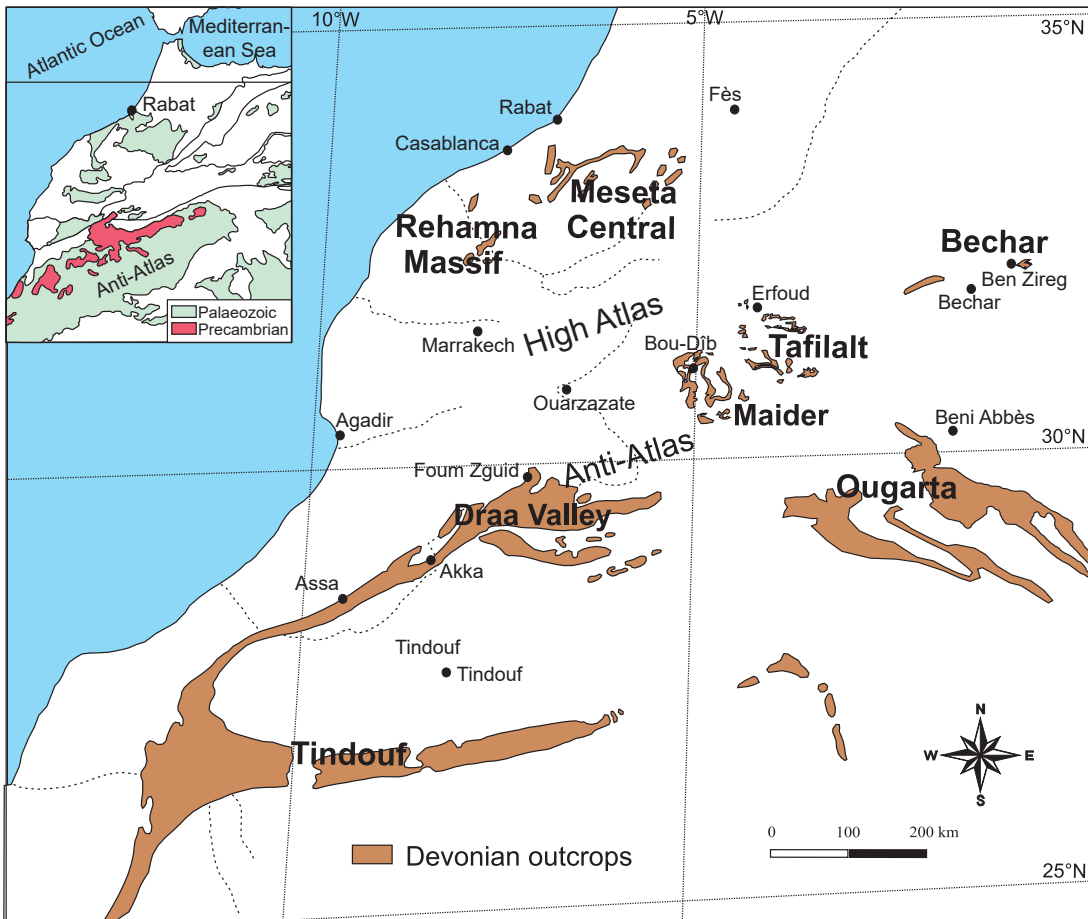


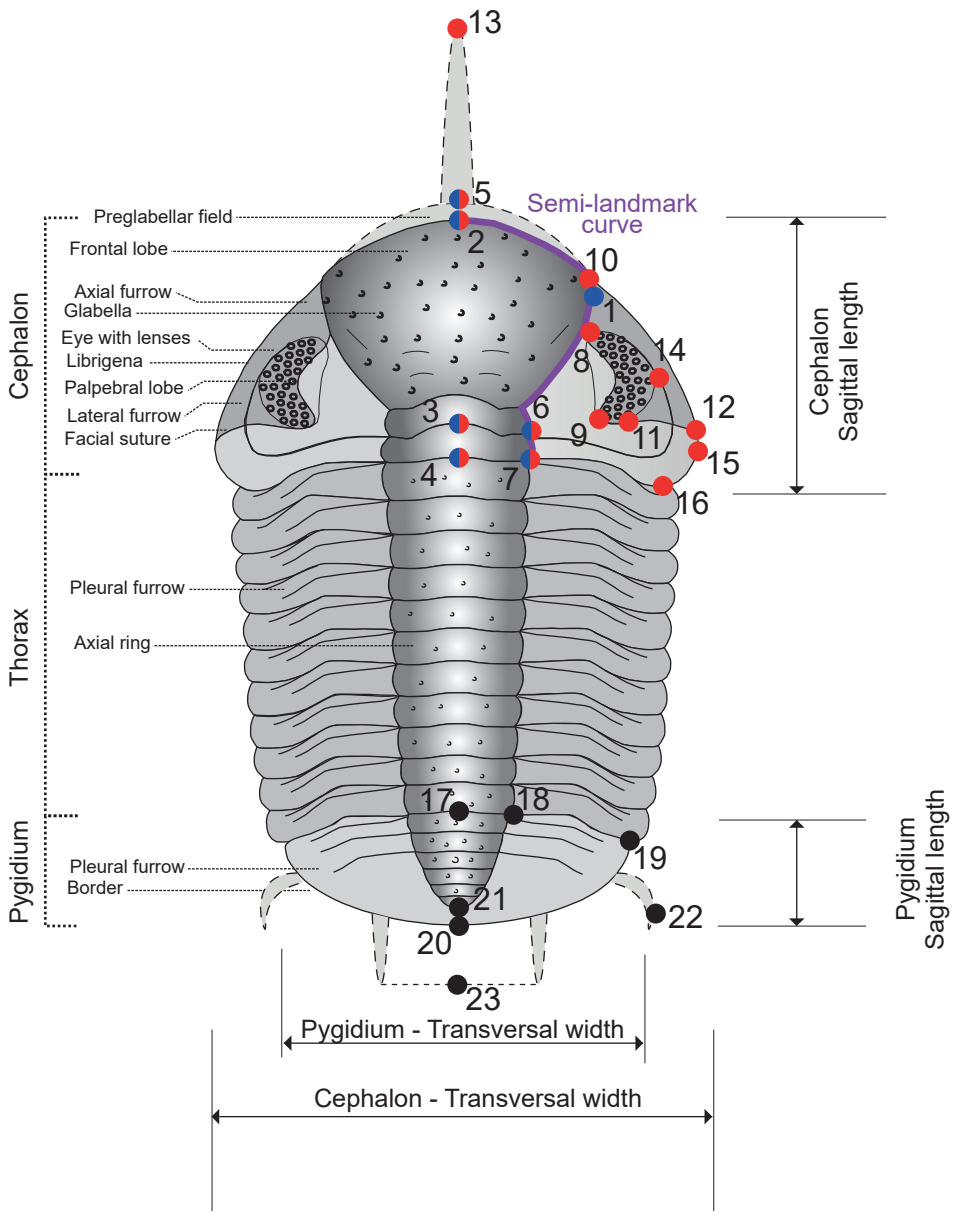
A.

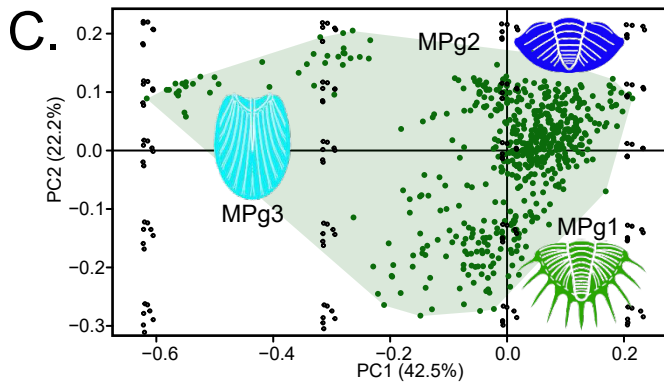
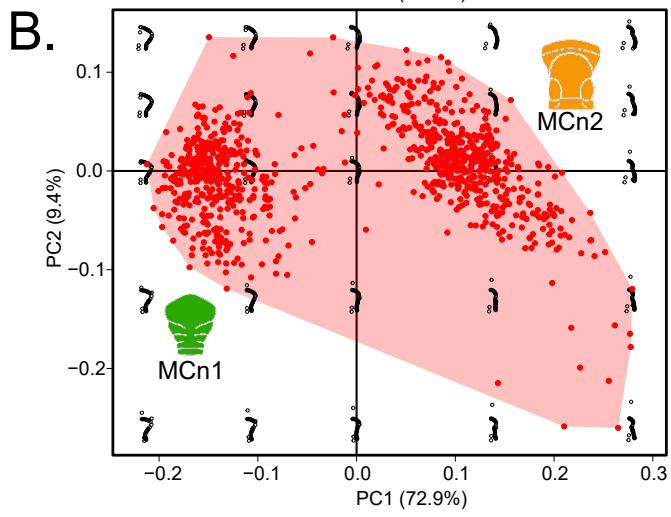
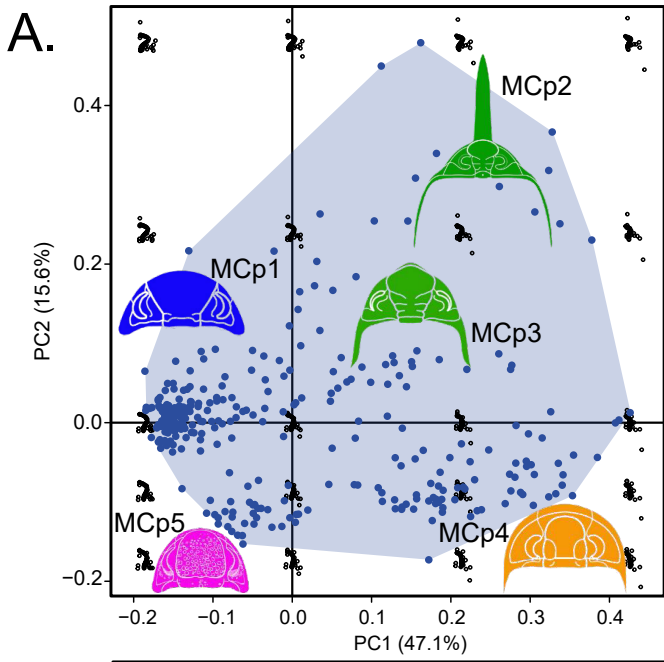


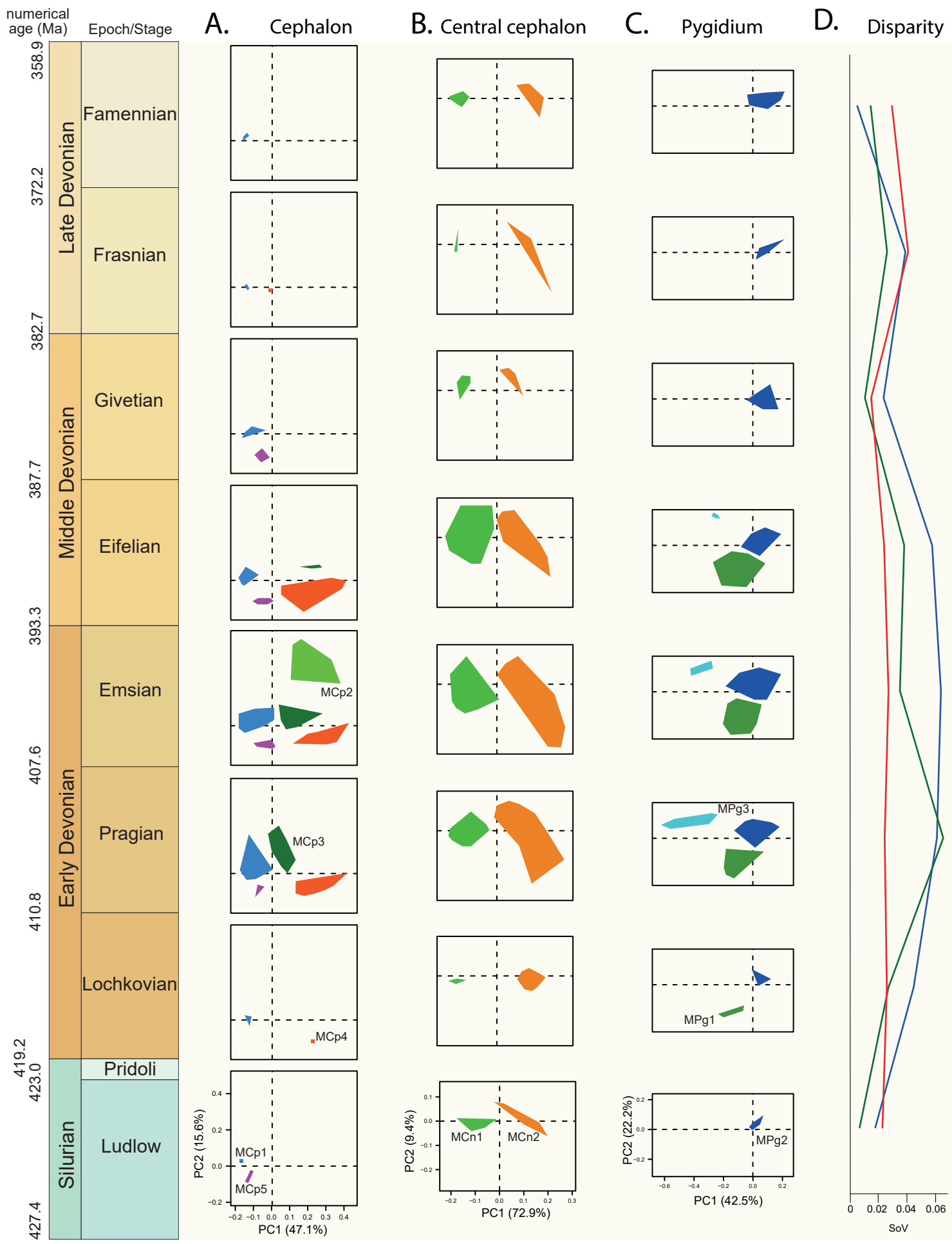
☆ Study area

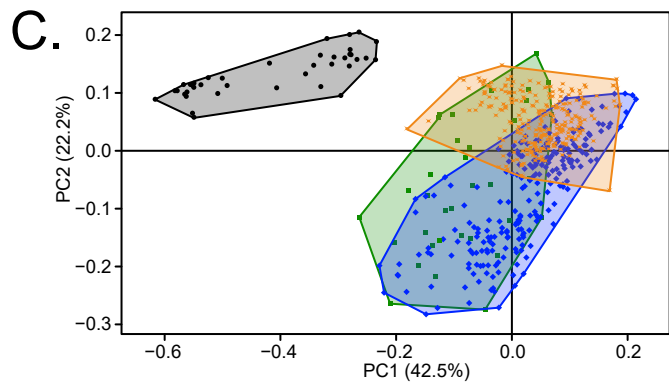
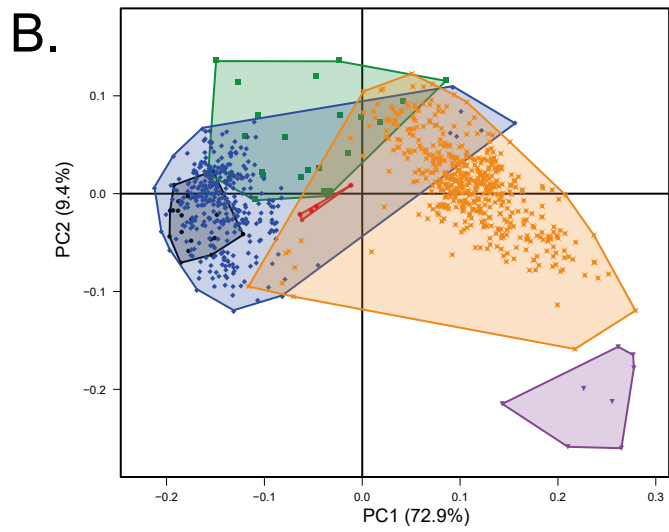
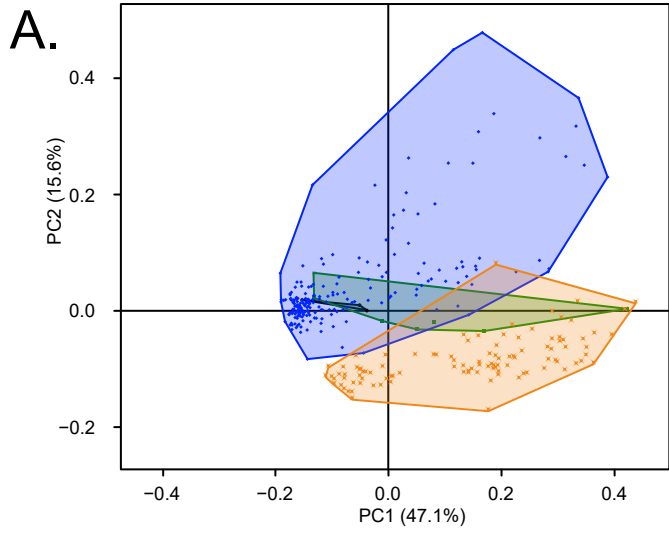
B.





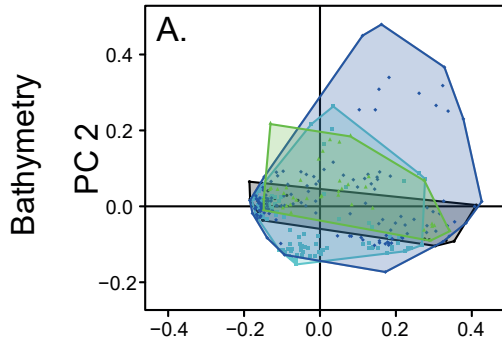






- Corynexochida
- ◆ Phacopida
- ▼ Harpetida
- ✕ Proetida
- Lichida
- Trinucleida

Cephalon



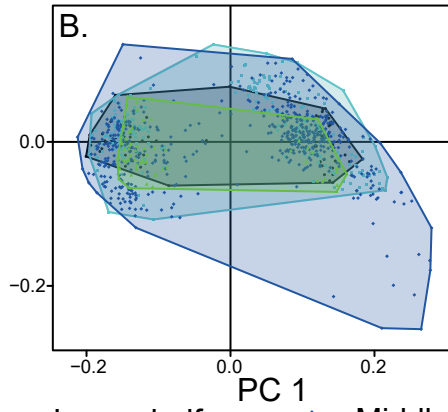
▲ Shallow

■ Inner shelf

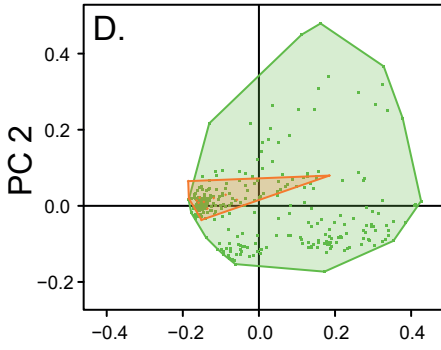
◆ Middle shelf

● Outer shelf/basin

Central cephalon



Vision

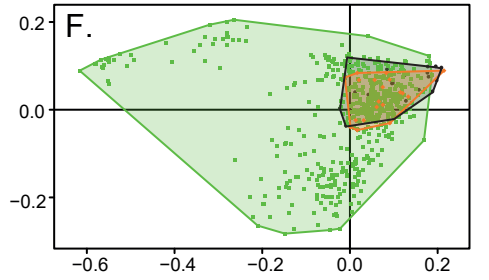
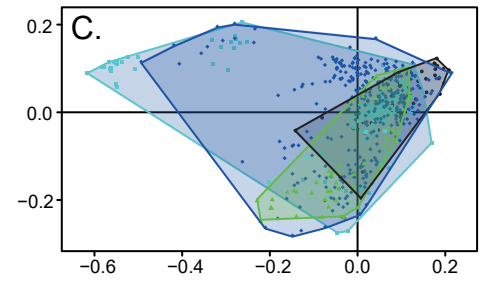


● Blind

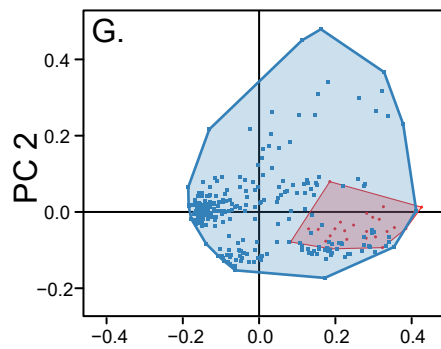
◆ Reduced eye

■ Well-developed eye

Pygidium



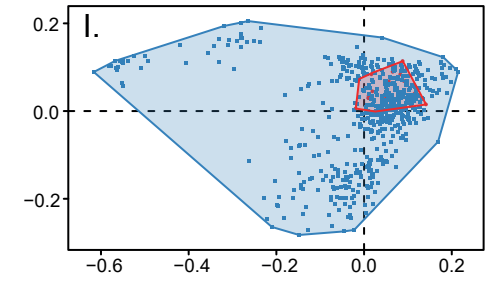
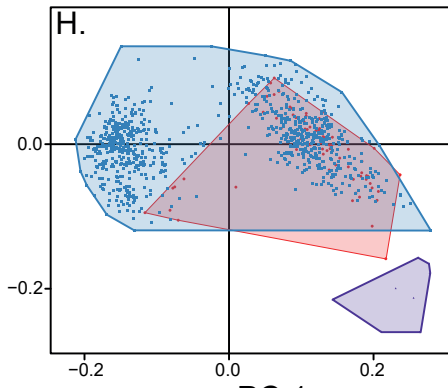
Feeding habits



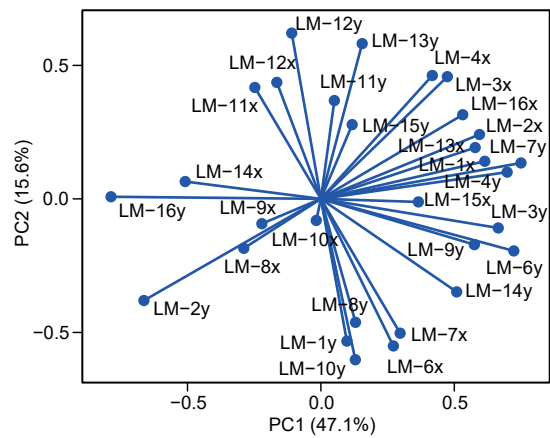
■ Predator/Scavenger

● Particle feeding

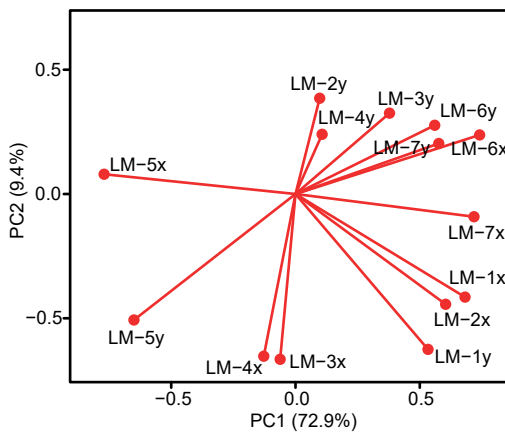
▲ Filter chamber



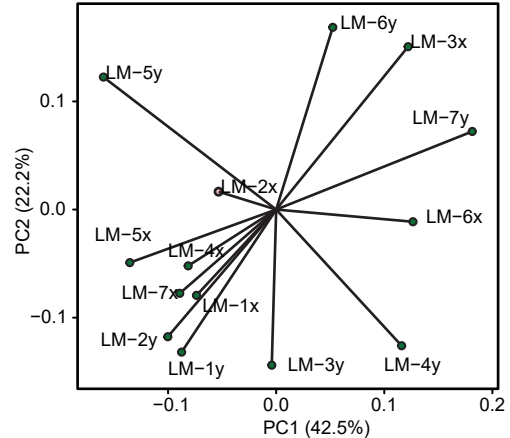
A.



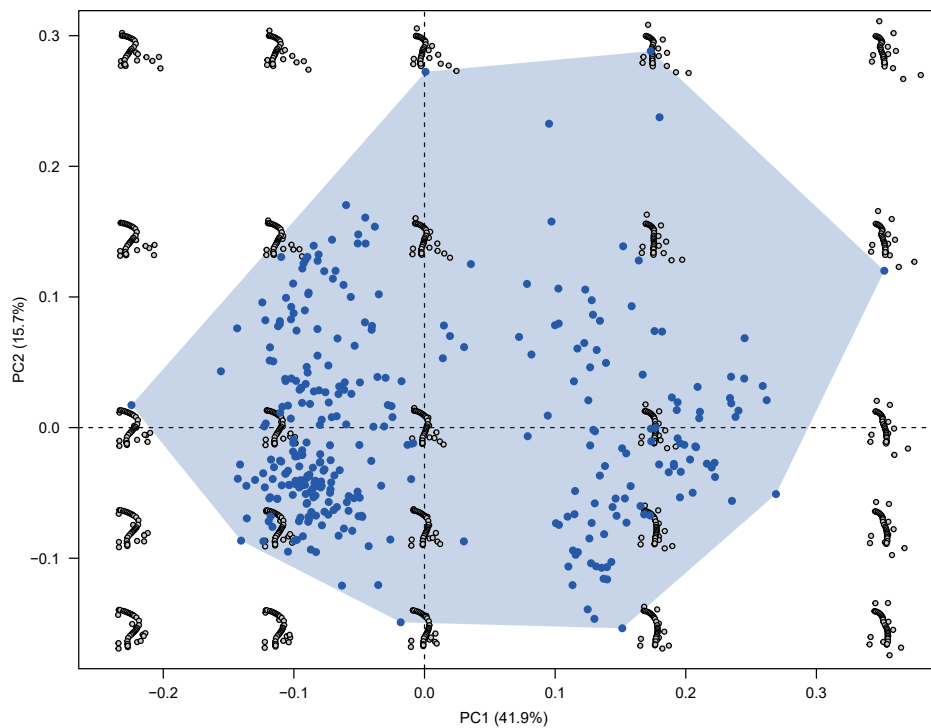
B.



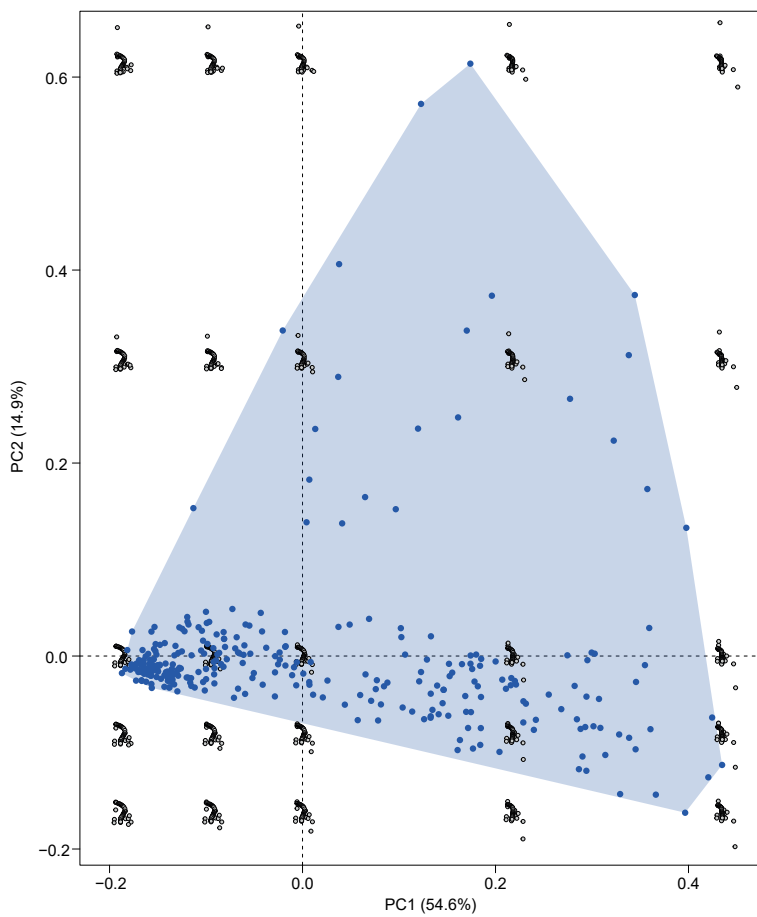
C.



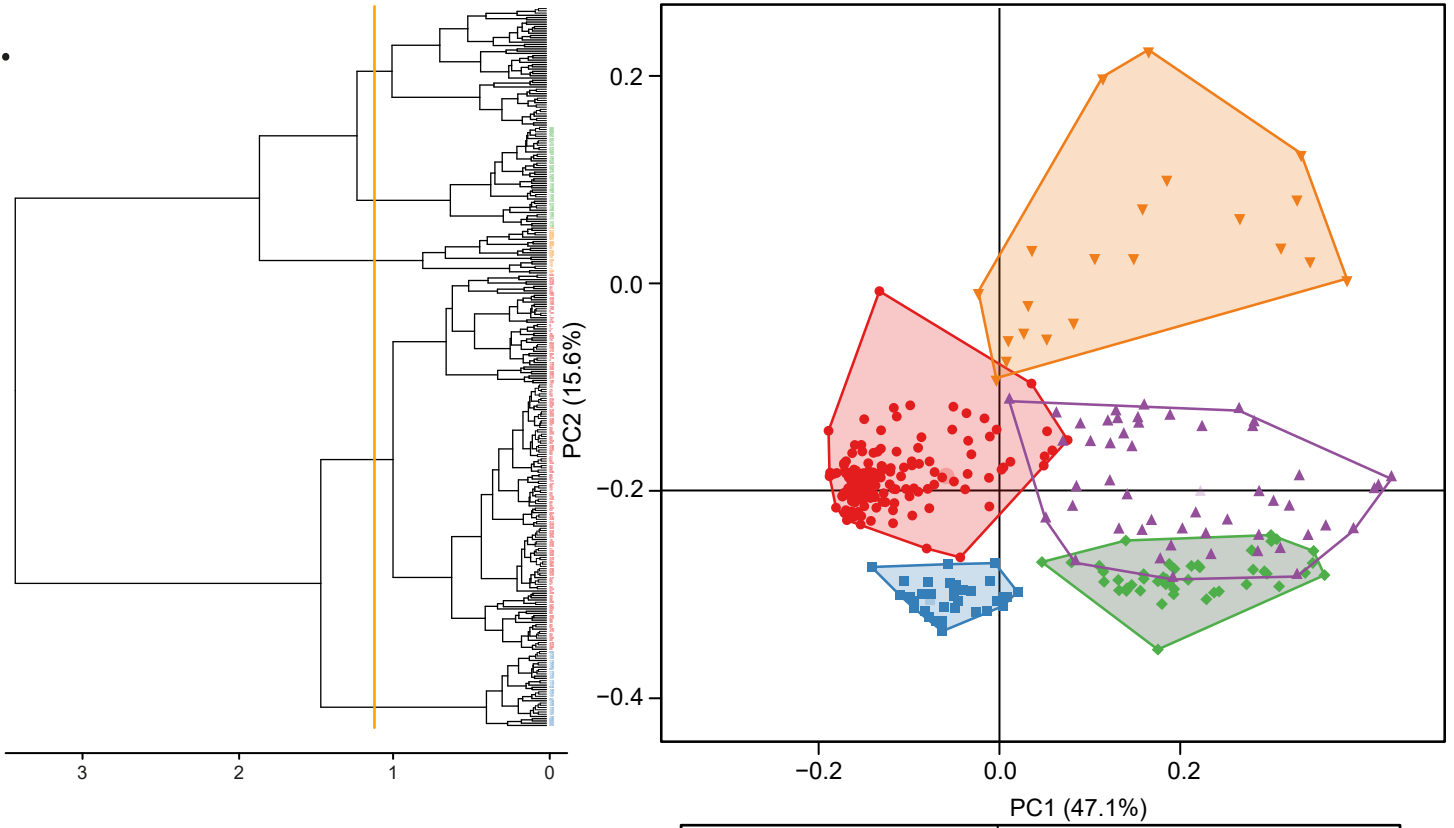
D.



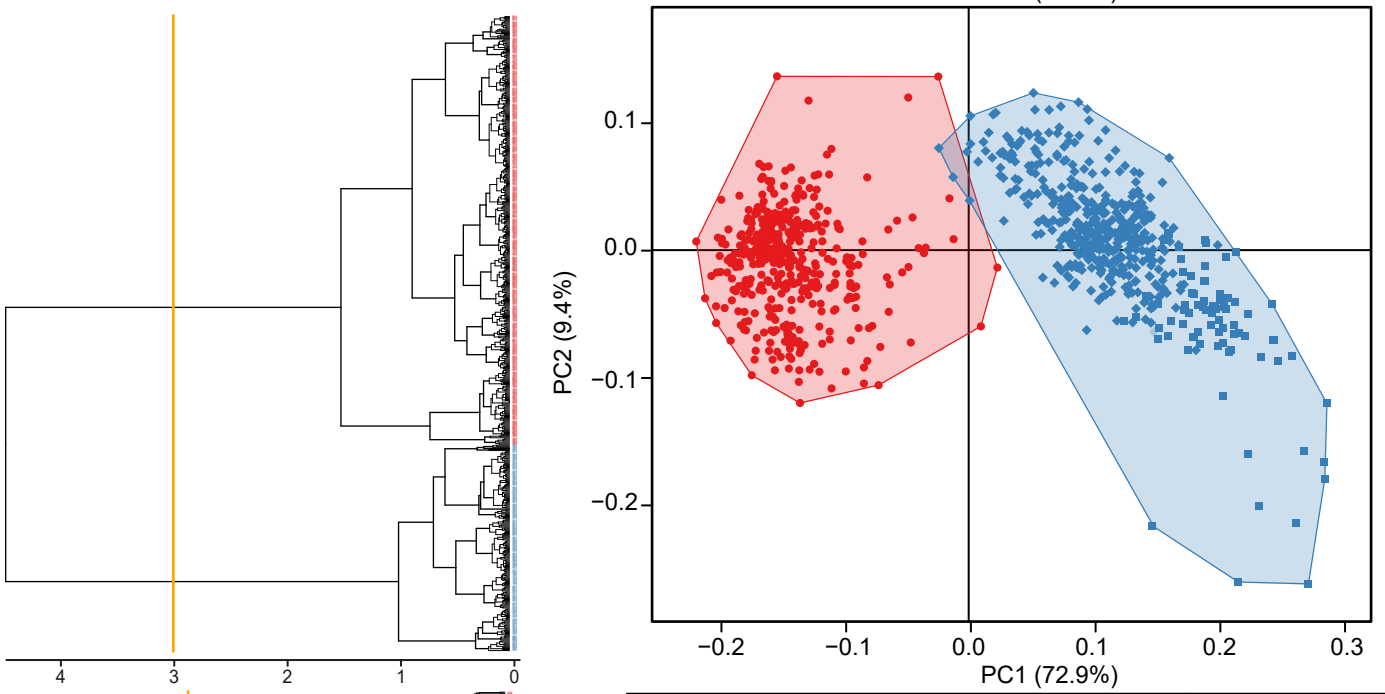
E.



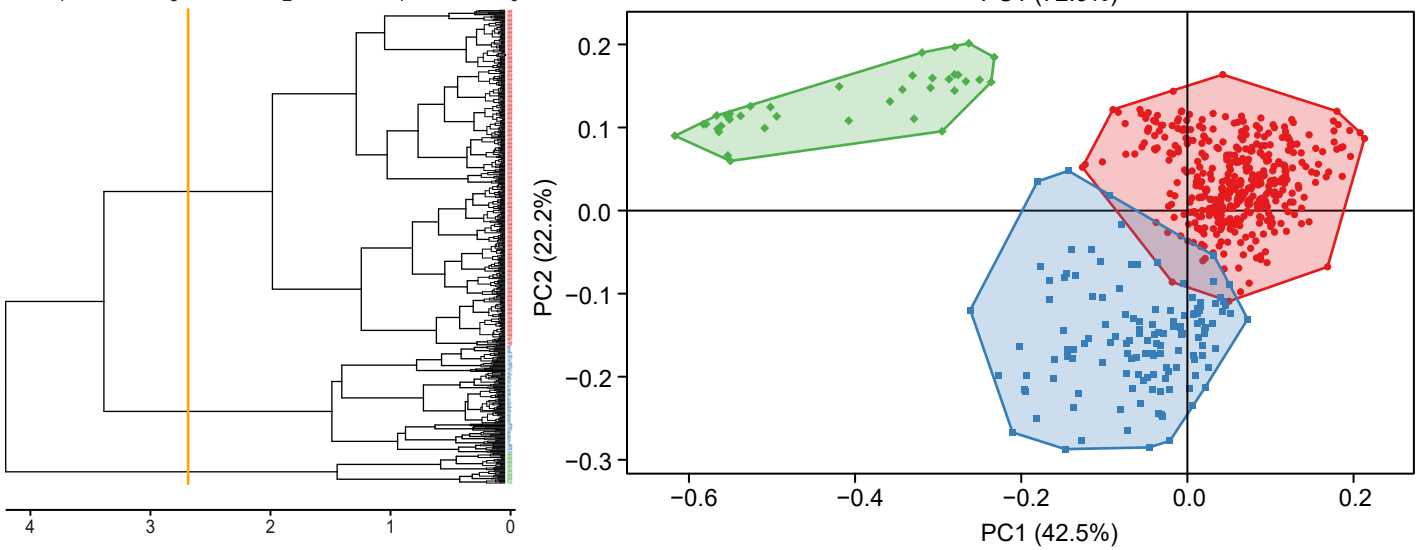
A.

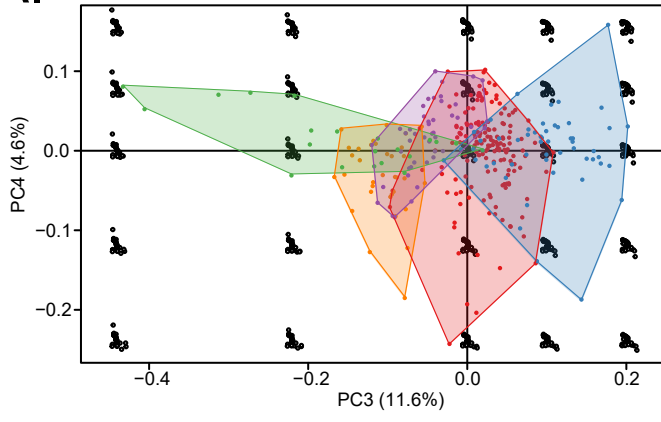
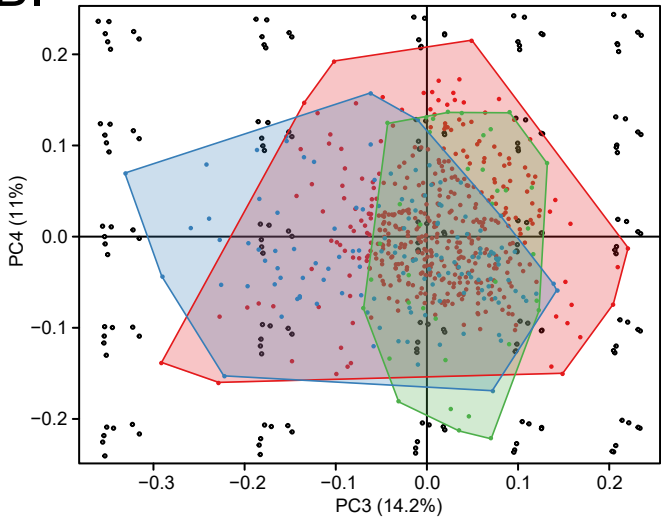


B.



C.



A.**B.**

numerical age (Ma)
358.9 ± 0.4

Epoch/Age

A. Cephalon

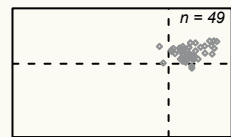
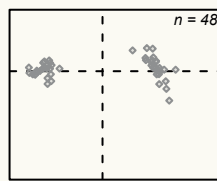
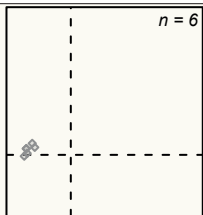
B. Central cephalon

C. Pygidium

358.9 ± 0.4

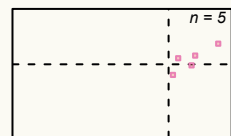
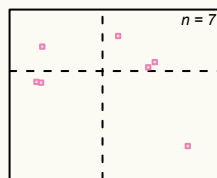
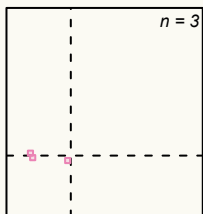
Late Devonian

Famennian



382.7 ± 1.6

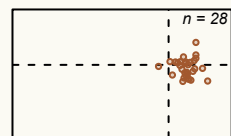
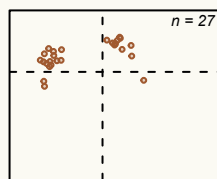
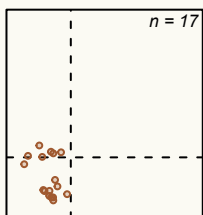
Frasnian



382.7 ± 1.6

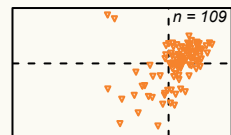
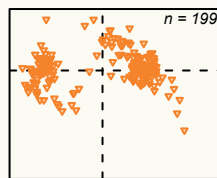
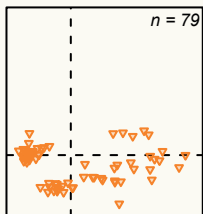
Middle Devonian

Givetian



393.3 ± 1.2

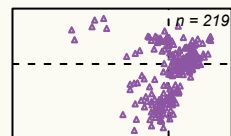
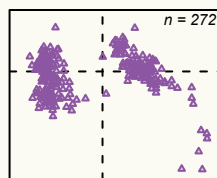
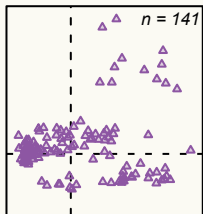
Eifelian



393.3 ± 1.2

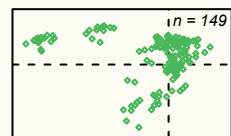
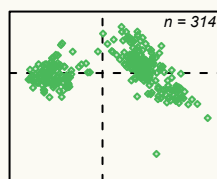
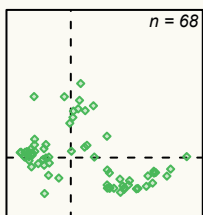
Early Devonian

Emsian



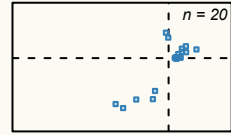
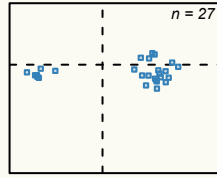
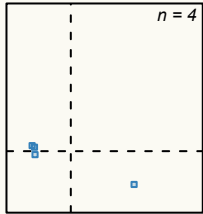
419.2 ± 3.2

Pragian



419.2 ± 3.2

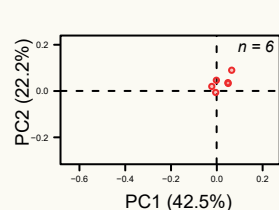
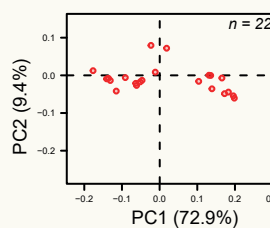
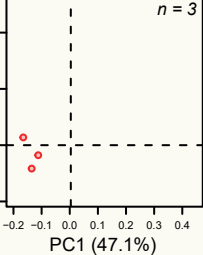
Lochkovian



427.4 ± 0.5

Silurian

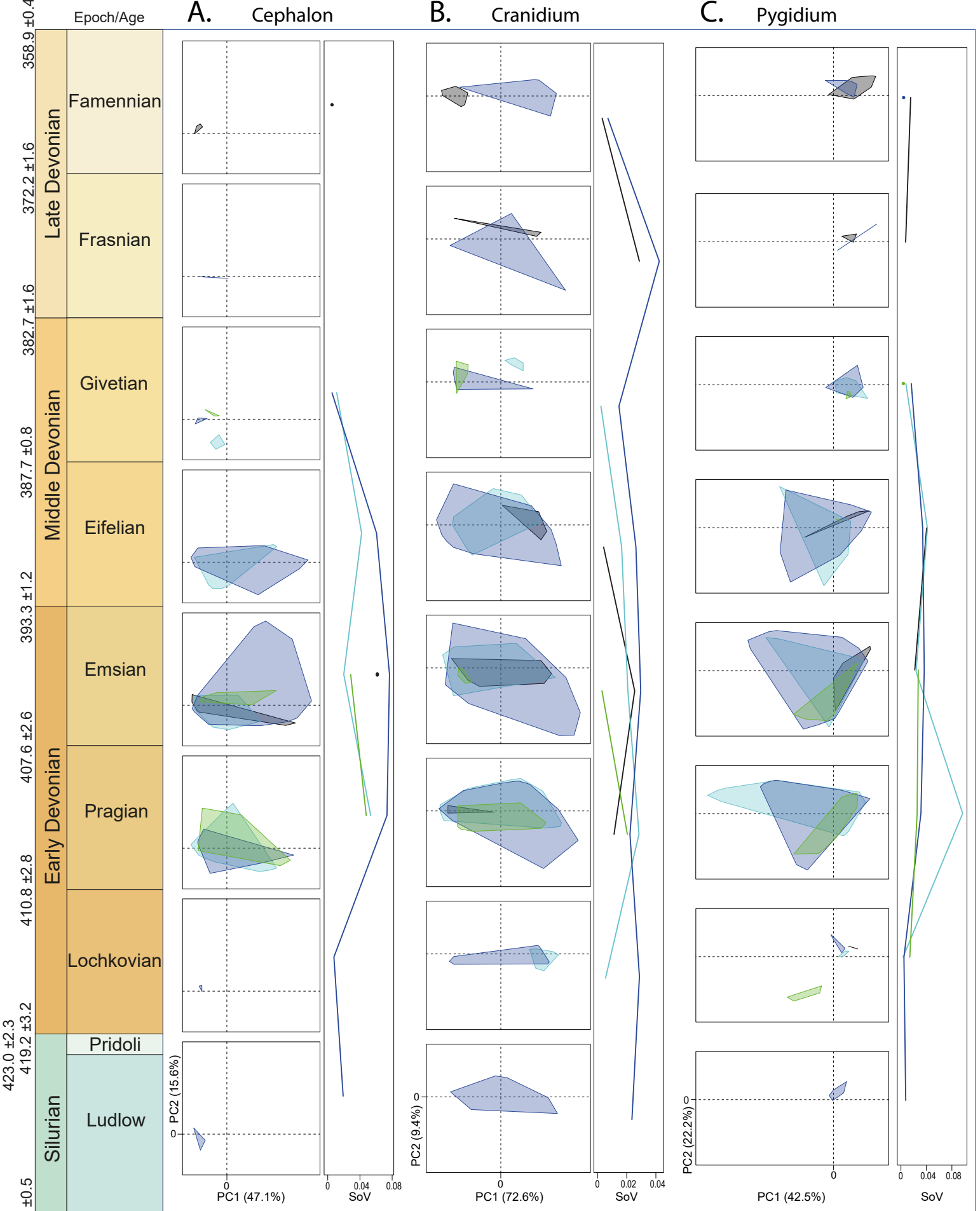
Pridoli



Ludlow

427.4 ± 0.5

numerical age (Ma)



■ Shallow ■ Inner shelf ■ Middle shelf ■ Outer shelf/basin

