

Un peu de paléontologie

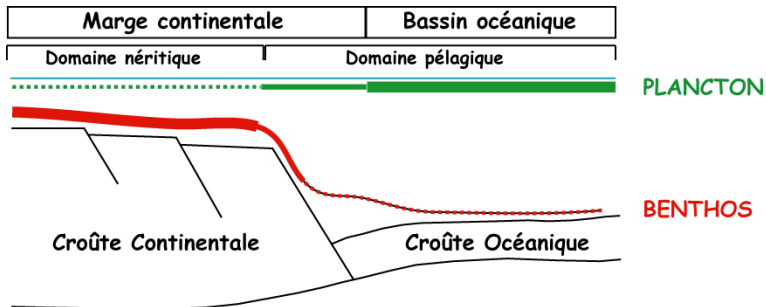
Laurie BOUGEIS

ST3 - Polytech' Paris UPMC

6 mai 2015



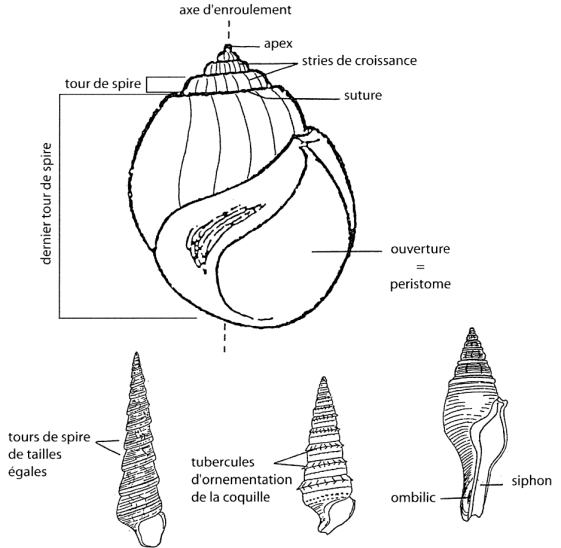
Quelques fossiles en domaine marin



Organismes continentaux à littoraux

Gastéropodes

Terrestres, eau douce, marin
Cambrien-Actuel



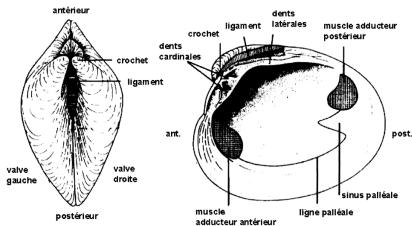
Organismes benthiques néritiques

Bivalves ou Lamellibranches

Marin-benthique

Cambrien-actuel

Plan de symétrie parallèle à l'accolement
des valves

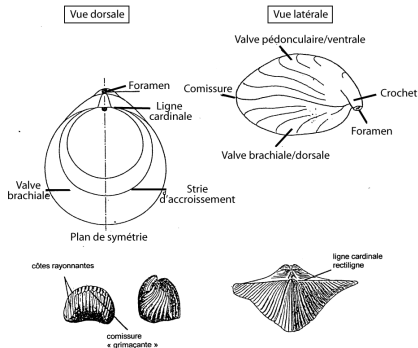


Brachiopodes

Marin-benthique

Cambrien-actuel

Plan de symétrie parallèle à l'accolement
des valves



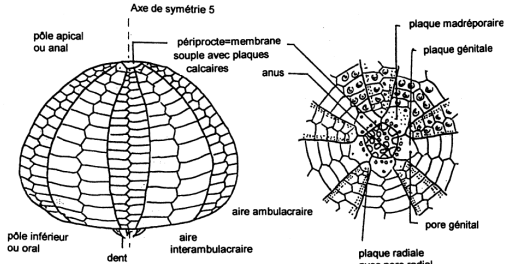
Organismes benthiques néritiques

Échinodermes

Marin-benthique

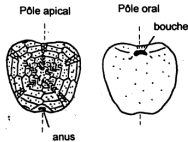
Cambrien-Actuel

Symétrie pentaradiée

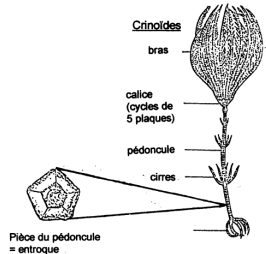


Vue latérale d'un oursin régulier

Vue du pôle apical
d'un oursin régulier



Oursin irrégulier



Organismes nectoniques

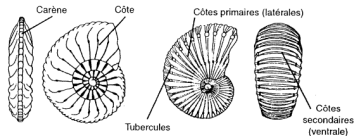
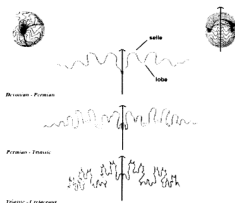
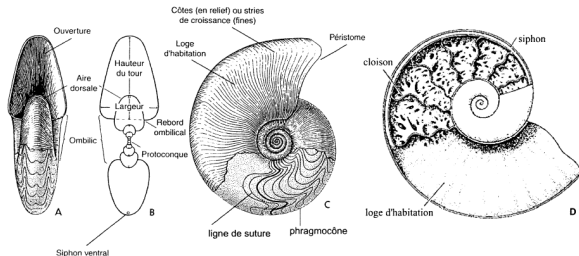
Céphalopodes

Marin-nageur

Dévonien-Crétacé terminal

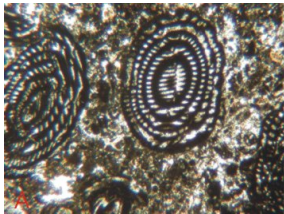
Nautiloïdes

= équivalent actuels

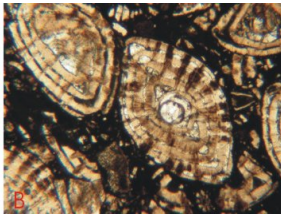


Microfossiles néritiques

Foraminifères benthiques



Alvéolines



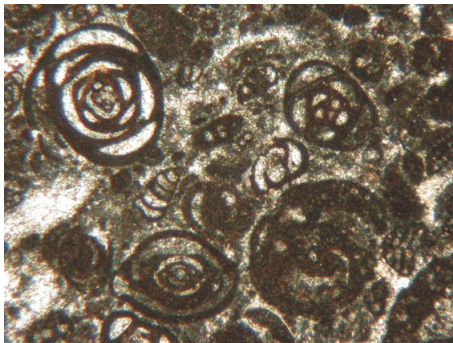
Nummulites



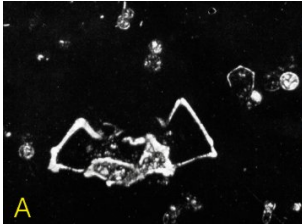
Microfossiles néritiques

Foraminifères benthiques

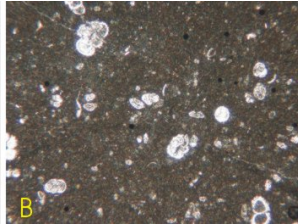
Miliolles



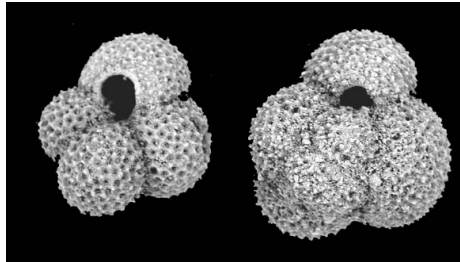
Microfossiles pélagiques



Globotruncana



Globigerine



Zonation des micro-organismes marins

