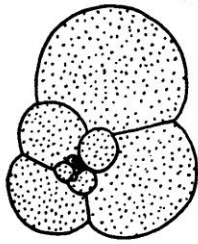
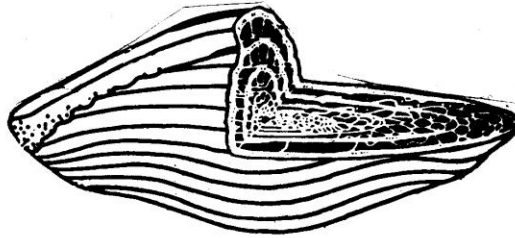


Some example members of fossil phyla, classes, and orders.

Foraminifera

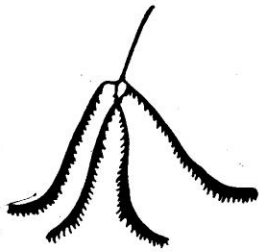


globigerina
K - Rec.



Trifarina (a fusulinid)
M. Penn. - L. Permian

Hemichordata



tetragraptus
L. ord.



Didymograptus
L - mid. ord



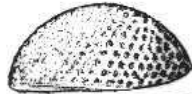
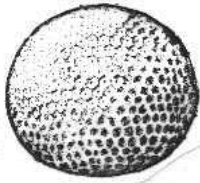
Dicranograptus
M - upper ord



Monograptus
Sil

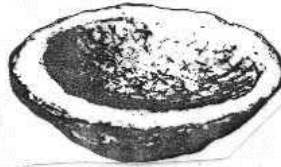
Porifera

Receptaculida:

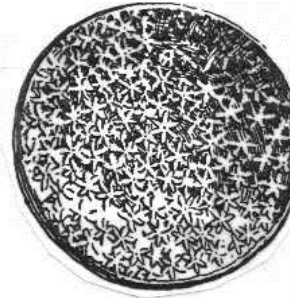


Sphaerospongia
ord.

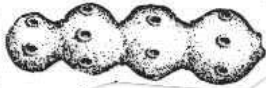
Hyalospongia:



Astraeospongia
Sil - Dev.
(Siliceous)

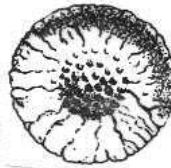


Calcispongia:



Girty coelia
Penn - Perm.

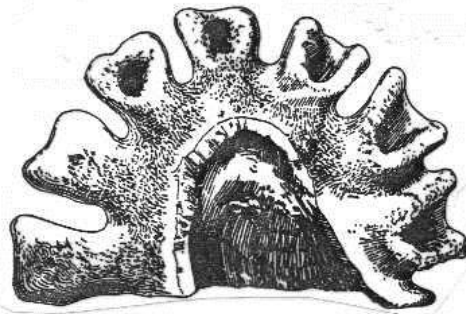
Demospongia



Astylospongia (Siliceous)
Sil.

Hindia
ord - miss
(Siliceous)

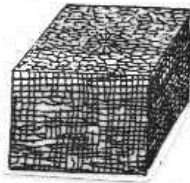
Uncertain:



Brachiospongia
ord (Siliceous)

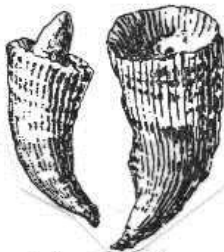
Cnidaria

Stromatoporida



actinostroma
Sil - Jur

Anthozoa:
rugosa:



Lophophyllidium
Penn - Perm.

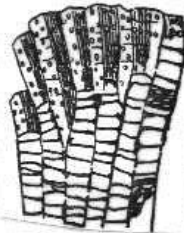
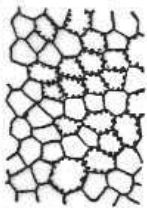


Breviphrontis
Sil - Miss



Hexagonaria
(Dev.)

Tabulata:

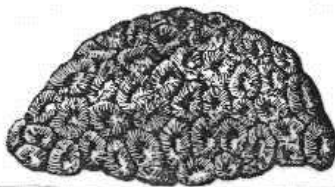


Favosites (Ord - Perm)

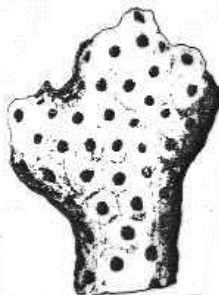


Trachypora (Dev - Perm)

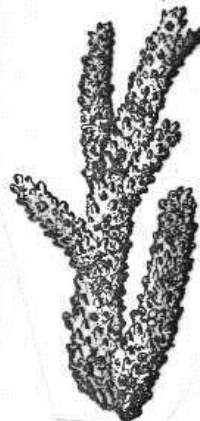
Scleractinians



Favia Cret - Rec.



Astreelia
Miocene



Acropora
Eocene - Rec

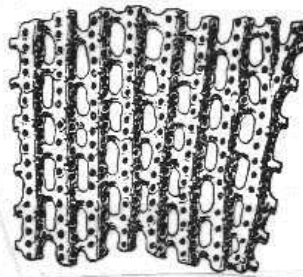


Flabellum
Eoc. - Rec.

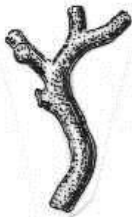
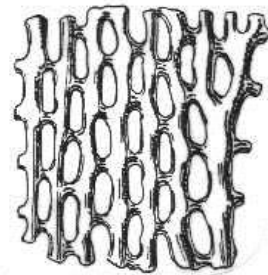
Bryzoa



Archimedes
Miss - Perm
(Cryptostomata)



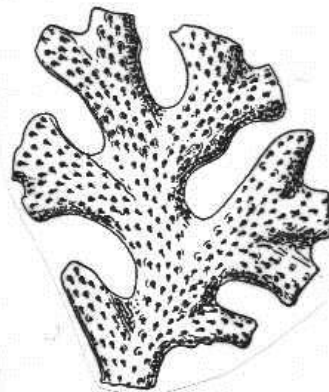
Fenestrellina (Cryptostomata)
Miss - Perm.



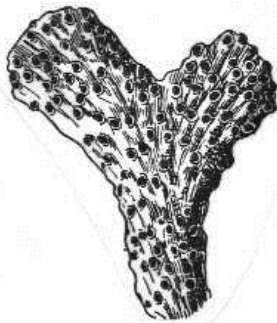
Hallopora
ord - Dev.
(Trepastomata)



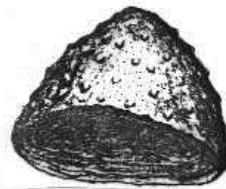
Tubucellaria
Eocene - Rec.
(Cheilosomata)



Thamniscus
Sil - Perm.
(Cryptostomata)



Psilosolen
Pliest - Rec.
(Cyclostomata)



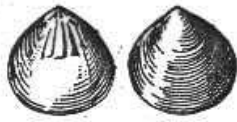
Prasinopora
ord.
(Trepastomata)

Brachiopoda

Inarticulata:



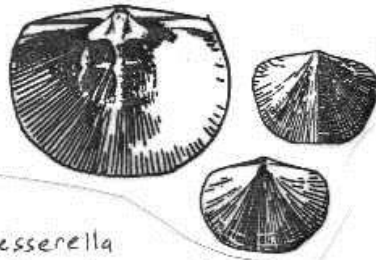
Lingulella,
Camb.-Ord.



Upper Camb. Dicellomus

Articulata:

Orthis



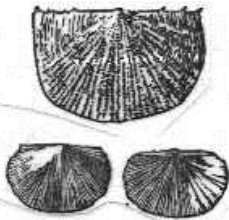
Resserella
M. Ord. - Late Sil.



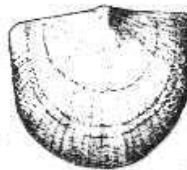
Hebertella

M. Ord. - Upper Ord.

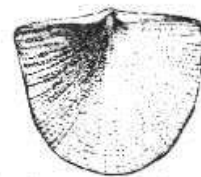
Strophomenida



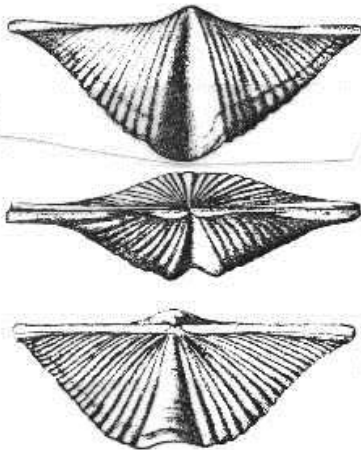
Chonetes
M. Sil. - Perm.



Rafinesque Ord.



Spinifida



Mucrospirifer Dev.

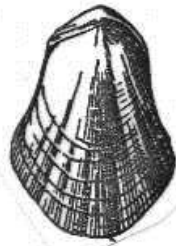


Brachyspirifer
M. Dev.

Brachiopoda (cont)

Articulata (cont)

pentameracea



Pentamerus
m. Sil.

Rhynchonellacea



Stegerhynchus
m. Sil.



Rhynchotreta
Miss.

Terebratulida



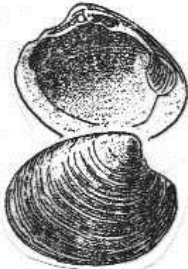
Plectrocancha
Triassic



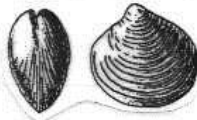
Terebratula
K - Tert.

Mollusca

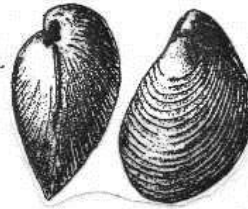
Pelecypoda:



Arctia
Jur - Rec



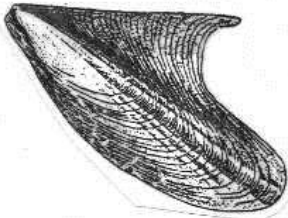
Astarte
Tr - Rec



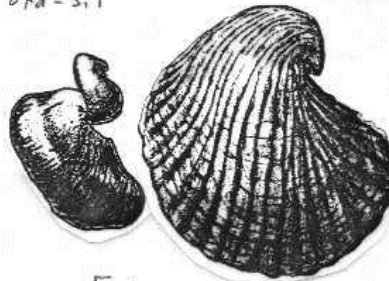
Buchia
Jur - Cret.



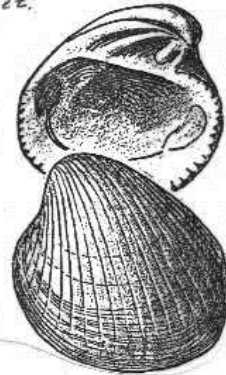
Ctenodonta
Ord - Sil



Gervillia
Jur - Eoc.



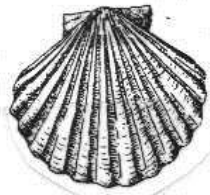
Exogyra
Jur - Cret.



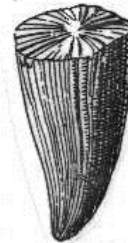
Venericardia
Cret - Rec.



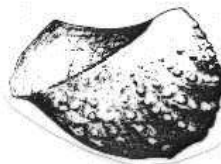
Gryphaea
Jur - Rec



Pecten
Miss - Rec



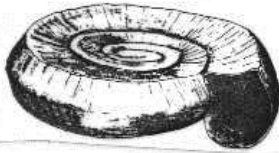
Durania
(Rudistid clam)
Upper Cret.



Trigonia
Jur - Rec

Mollusca

Gastropoda:



Euamphalus
Miss - m. Tri.



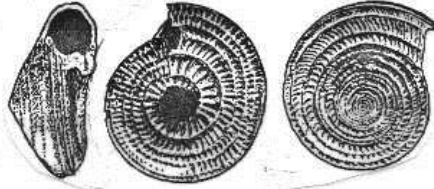
Straparolus
Dev - Perm



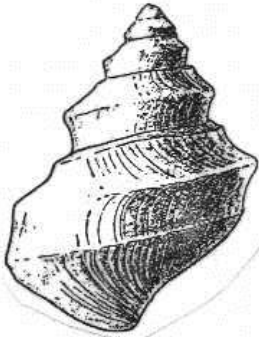
Bellerophon
ord - Tri.



Glabrocingulum
Miss - Penn.



Architectonica
Cret - Rec.



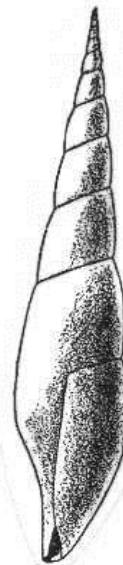
Lophospira
Ord - Dev.



Hornotoma
ord - Dev.



Murex
Eoc - Rec



Subulites
ord - Sil.



Conus Eoc - Rec

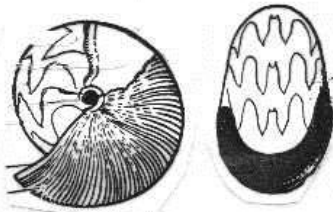


Busycon
Olig - Rec.

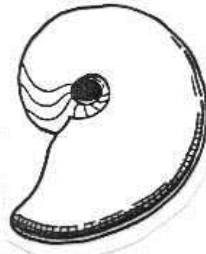
Mollusca (cont)

Cephalopoda

Ammonoids:

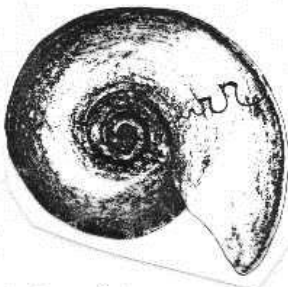


Goniatites
miss.

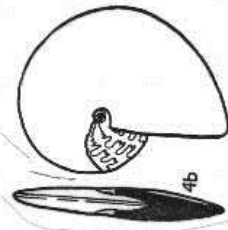


Agoniatites
Deva

goniatic
suture



Ceratites
m. Tri



Prodromites
Miss

ceratitic
suture



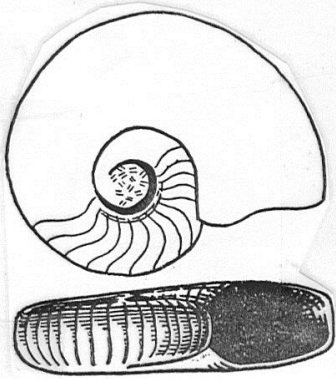
Baculites
U. Cret



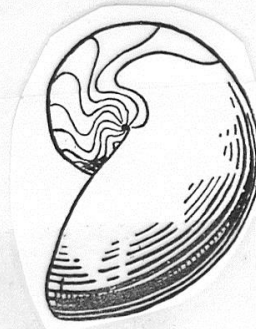
ammonitic
suture

Oxytropidoceras
cret.

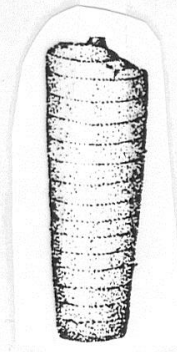
Cephalopoda (cont)
Nautiloids:



Domatoceras
Penn - Perm



Cosmonautilus
Triassic

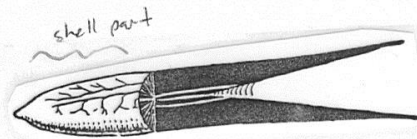


Michelinoceras
ord.

Belemnites:



Belemnopsis (Jur)



Belemnitella
U. Cret.

Mollusca

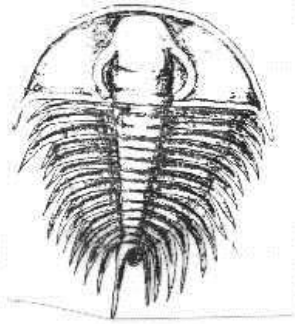
Scaphopoda:



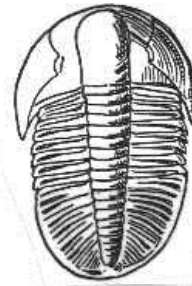
Dentalium
Eocene - Rec.

Arthropoda

Trilobites:

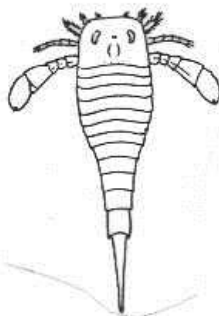


Olenellus L. Camb



Ogygops M. Camb

Chelicerates:

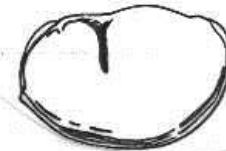


Eurypterus (a eurypterid)
Ord - Perm. (act. size ~ 3')

Ostracoda:

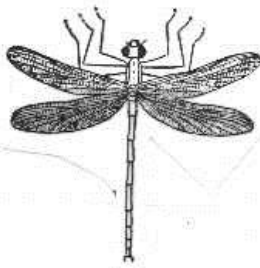


4b



Hast. faba Penn.

Insects:



Tarsopterygia
Jur.

Cirripeds:

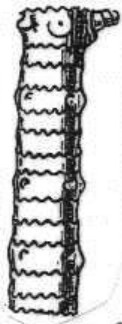


Balanus (Barnacle)
Tert. - Rec.

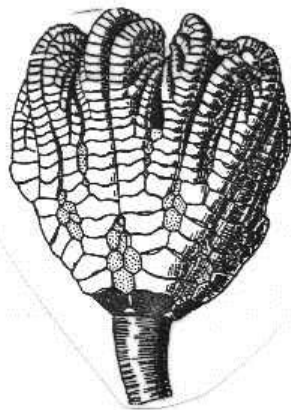
Echinodermata

attached:

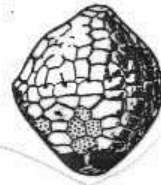
Crinoids:



Crinoid stems

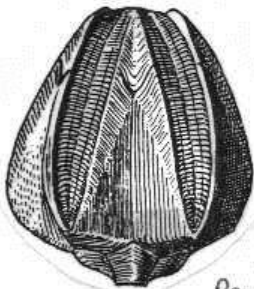


talantocrinus
calyx (Penn)



Dizygocrinus
calyx (Miss)

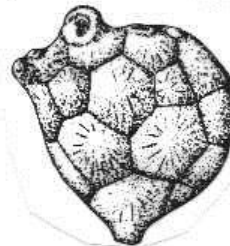
Blastoids:



Pentamerites
(Miss)



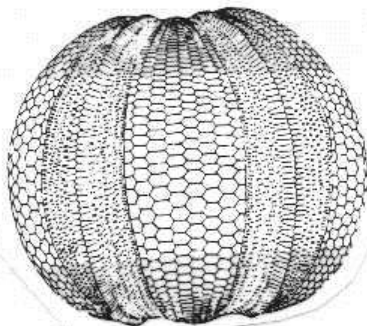
Cystoids:



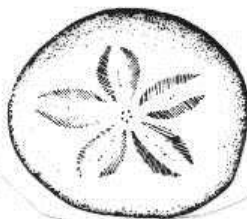
Canadocystis
ord.

unattached:

Echinoids:



Melonechinus
Miss



Clypeaster
Eoc - Rec

Asteroidea:



Hudsonaster
m-u ord