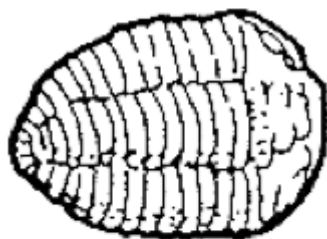


INDEX FOSSIL--a fossil known to have lived in a particular geologic age that can be used to date the rock layer in which it is found.

Figure 2-A. Sketches of Marine Fossil Organisms (Not to Scale)



NAME: Brachiopod
PHYLUM:
Brachiopoda
DESCRIPTION:
"Lampshells";
exclusively marine
organisms with soft
bodies and bivalve
shells; many living
species



NAME: Trilobite
PHYLUM: Arthropoda
DESCRIPTION: Three-
lobed body; burrowing,
crawling, and swimming
forms; extinct



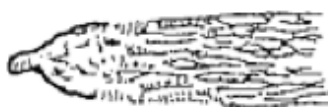
NAME: Eurypterid
PHYLUM: Arthropoda
DESCRIPTION: Many
were large (a few rare
species were 5 feet in
length); crawling and
swimming forms;
extinct



NAME: Graptolite
PHYLUM: Chordata
DESCRIPTION:
Primitive form of
chordate; floating form
with branched stalks;
extinct

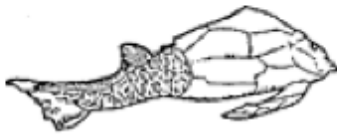


NAME: Horn coral
PHYLUM: Coelenterata
(Cnidaria)
DESCRIPTION:
Jellyfish relative with
stony (Cnidaria)
(calcareous)
exoskeleton found in
reef environments;
extinct

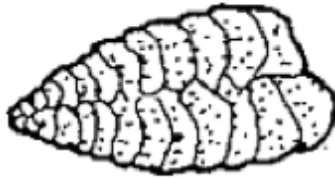


NAME: Crinoid
PHYLUM:
Echinodermata
DESCRIPTION:
Multibranched relative
of starfish; lives
attached to the ocean
bottom; some living
species ("sea lilies")

INDEX FOSSIL--a fossil known to have lived in a particular geologic age that can be used to date the rock layer in which it is found.



NAME: Placoderm
PHYLUM: Vertebrata
DESCRIPTION:
Primitive armored fish;
extinct



NAME: Foraminifera
(microscopic type)
PHYLUM: Protozoa
(Sarcodina)
DESCRIPTION:
Shelled, amoeba-like
organism



NAME: Gastropod
PHYLUM: Mollusca
DESCRIPTION: Snails
and relatives; many
living species



NAME: Pelecypod
PHYLUM: Mollusca
DESCRIPTION: Clams
and oysters; many living
species



NAME: Ammonite
PHYLUM: Mollusca
DESCRIPTION:
Squid-like animal with
coiled, chambered shell;
related to modern-day
Nautilus



NAME: Ichthyosaur
PHYLUM: Vertebrata
DESCRIPTION:
Carnivore; air-breathing
aquatic animal; extinct



NAME: Shark's tooth
PHYLUM: Vertebrata
DESCRIPTION:
Cartilage fish; many
living species