FOSSIL ASSEMBLAGES

- FOSSIL HAVE BEEN TRANSPORTED
- FOSSILS ERODED AND FRAGMENTED / BROKEN
- FOSSILS DISARTICULATED
- FOSSILS FROM DIFFERENT ENVIRONMENTS / FACIES
- FOSSILS MAY BE ALIGNED BY CURRENTS
- FOSSILS MAY BE SORTED BY SIZE

- CREATURES WERE NOT ALIVE AT THE TIME OF THE ROCK FORMATION
- FOSSILS HAVE BEEN DEPOSITED IN OLDER ROCKS AND ERODED FROM THEM TO BE TRANSPORTED AND DEPOSITED AS CLASTS IN YOUNGER ROCKS
- FOSSILS MAY BE ERODED AND WORN
- EG. FOSSIL FOUND IN THE GLACIAL TILLS OF HOLDERNESS (AMMONITES FROM THE JURASSIC)

- FOSSIL FOUND IN SITU
- FOSSILS FOUND IN THEIR LIFE/LIVING POSSITION
- FOSSILS HAVE NOT BEEN TRANSPORTED
- FOSSILS NOT BROKEN OR ERODED
- FOSSILS ARTICULATED
- EG CORALS IN A REEF LIMESTONE
- EG ARTICULATED BIVALVES

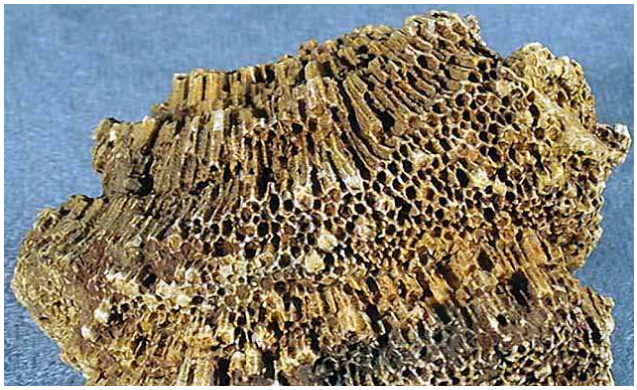
LIFE ASSEMBLAGE

DEATH ASSEMBLAGE

DERIVED FOSSILS

LABEL EACH OF THE BOXES ABOVE WITH THE CORRECT TITLE

THEN LABEL EACH PHOTO WITH THE CORRECT TITLE



FOSSIL ASSEMBLAGES / PRESERVATION POTENTIAL /PALAEO-ENVIRONMENTS

ASSEMBLAGE 1

- PLANT LEAVES
- PLANT/TREE STEMS
- PLANT ROOTS
- GASTROPODS (TERRESTRIAL / FRESHWATER)

ASSEMBLAGE 2

- MICROFOSSILS
- PELAGIC / NEKTONIC FOSSILS (EG AMMONITES AND BELEMNITES)
- PELAGIC / PLANKTONIC FOSSILS (EG GRAPTOLITES
- NO BENTHONIC FAUNA

ASSEMBLAGE 3

- CORAL FOSSILS
- BIVALVES
- BRACHIOPODS
- CRINOIDS
- ROBUST FOSSILS
- THICK SHELLED
- SOME BROKEN AND DISARTICULATED

DEEP SEA ENVIRONMENT

TERRESTRIAL / DELTAIC ENVIRONMENT

SHALLOW SEA /REEF ENVIRONMENT

WHICH IS WHICH?

ENVIRONMENT 1 explanation .....

ENVIRONMENT 2 explanation .....

ENVIRONMENT 3 explanation .....

Suggest ,with reasons, an assemblage for a calm, reasonably shallow sea environment .....