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## Study of the erosion based on paleontological approach

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It is difficult to study of erosion based on information obtained from the deposit.

Especially, it introduces the method of studying the erosive effect by using paleontological information.

Estimation of erosion for trace fossils:

Trace fossils shape based on the observation, the erosion can be determined.

The dead shell assemblage of lag deposits:

Examining the lag deposits becomes an important clue that understands the process of piling up and the invasion. It is possible to examine whether to cause the invasion of which extent because the shell that moved along with the erosion is extracted based on the dead shell assemblage crowd analysis in the lag deposits, and those chronological values are examined.

Keywords: erosion, trace fossils, lag deposit