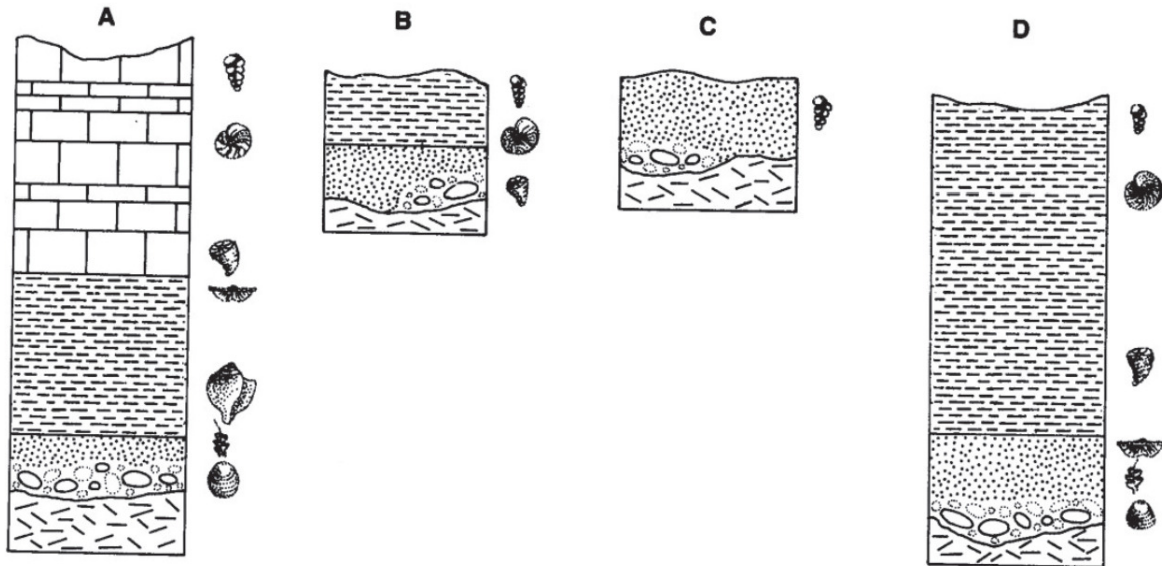


Biostratigraphy Part 3

Complete a lithologic correlation (using black pencil) of columns A through D and then a biostratigraphic correlation, using a different coloured pencil for each fossil.



Questions

1. Is the basal nonconformity the same age in all columns? How do you know?
2. Is the contact between the basal conglomerate-sandstone unit and the overlying shale the same age everywhere? How do you know?
3. Do you think the basal conglomerate-sandstone unit in column D represents the same amount of time, less time, or more time than the same unit in column A? Why?
4. Describe the geography and sequence of events that would have produced this set of rock layers.