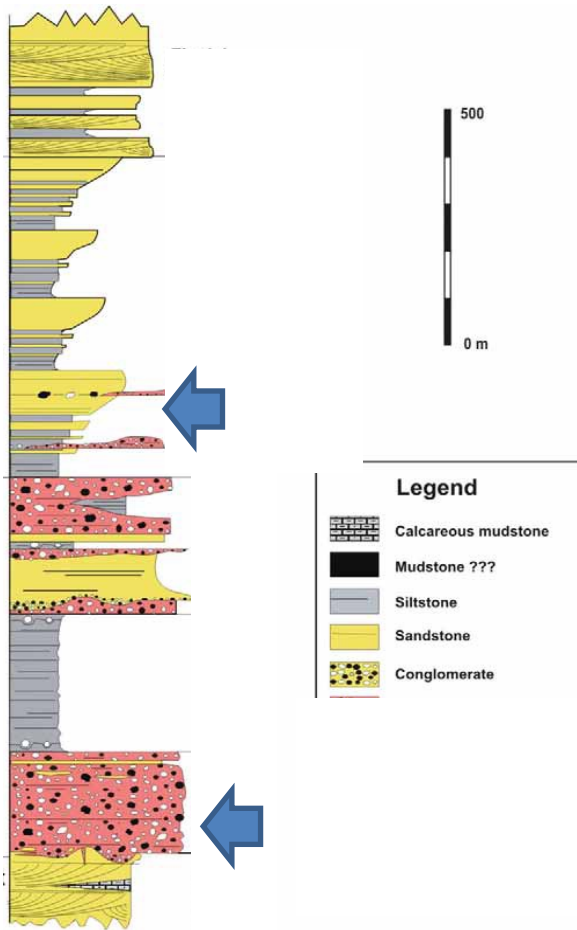
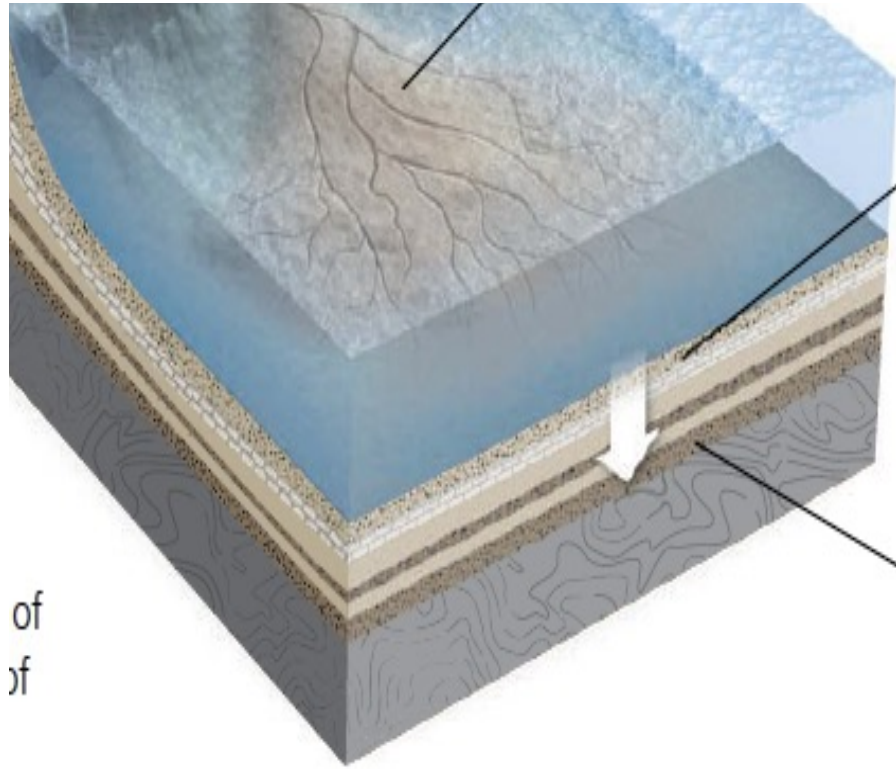


Stratigraphy, Geological Time Scale

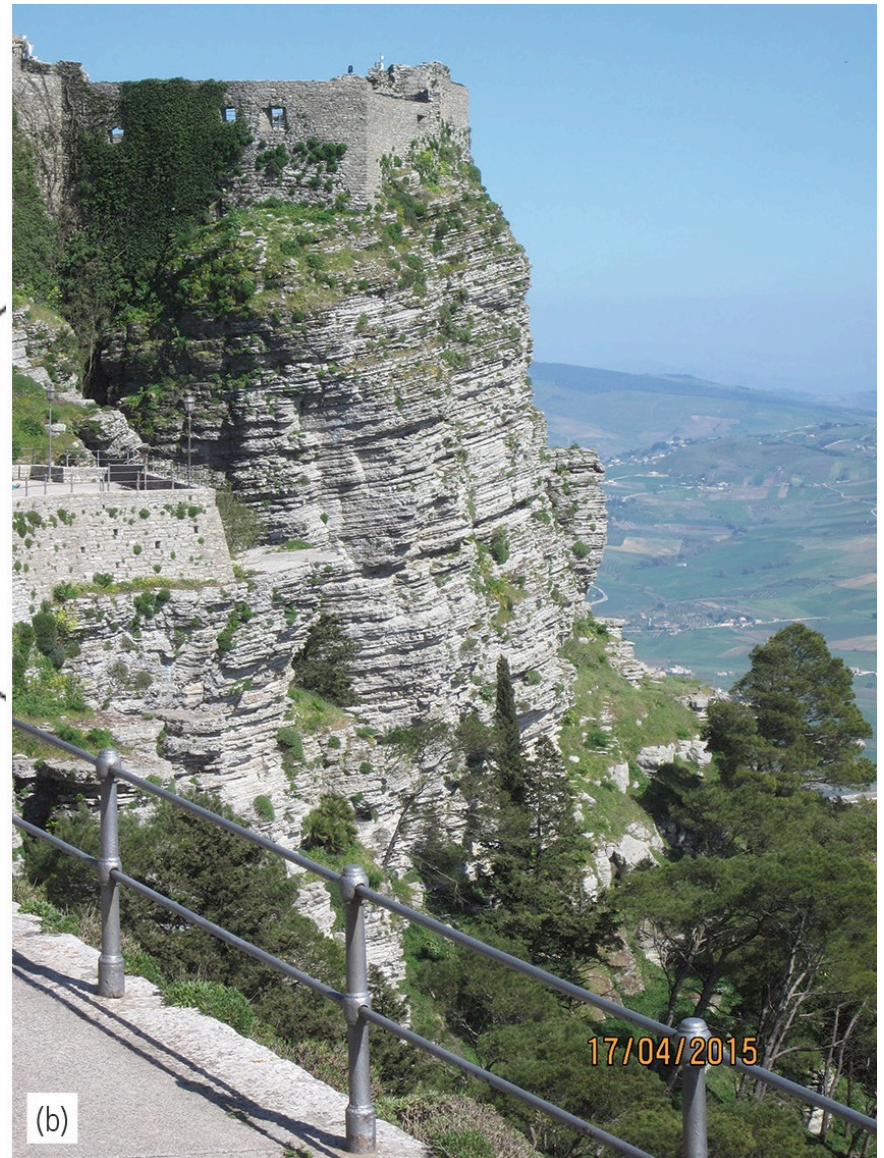
Subhronil Mondal



Sedimentary Rocks and Stratigraphy



of
of



(b)

17/04/2015

STENO'S PRINCIPLES

Original Horizontality

STENO'S PRINCIPLES

Lateral Continuity

STENO'S PRINCIPLES

Superposition:

STENO'S PRINCIPLES

Cross-Cutting Relations:

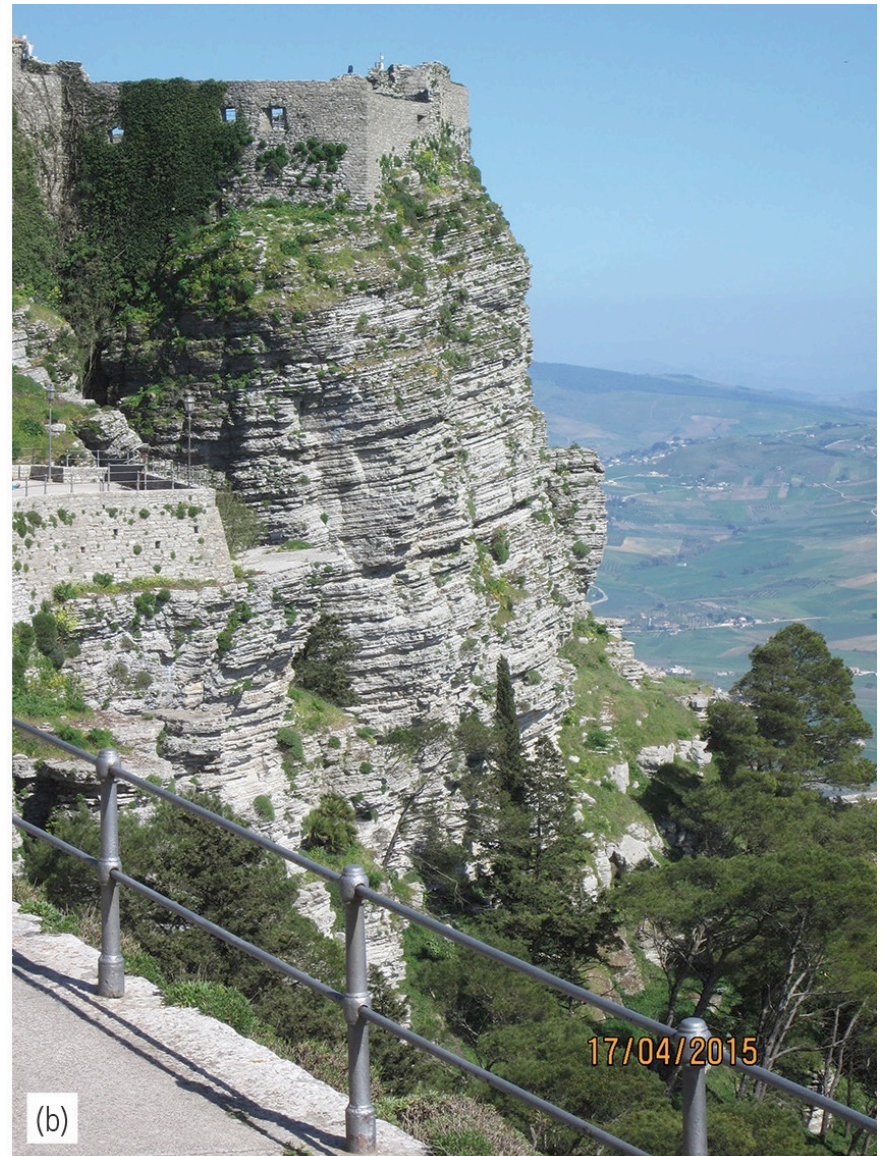
STENO'S PRINCIPLES

Principle of faunal succession/Law of faunal succession

Sedimentary rock strata contain fossilized flora and fauna, and that these fossils succeed each other vertically in a specific, reliable order

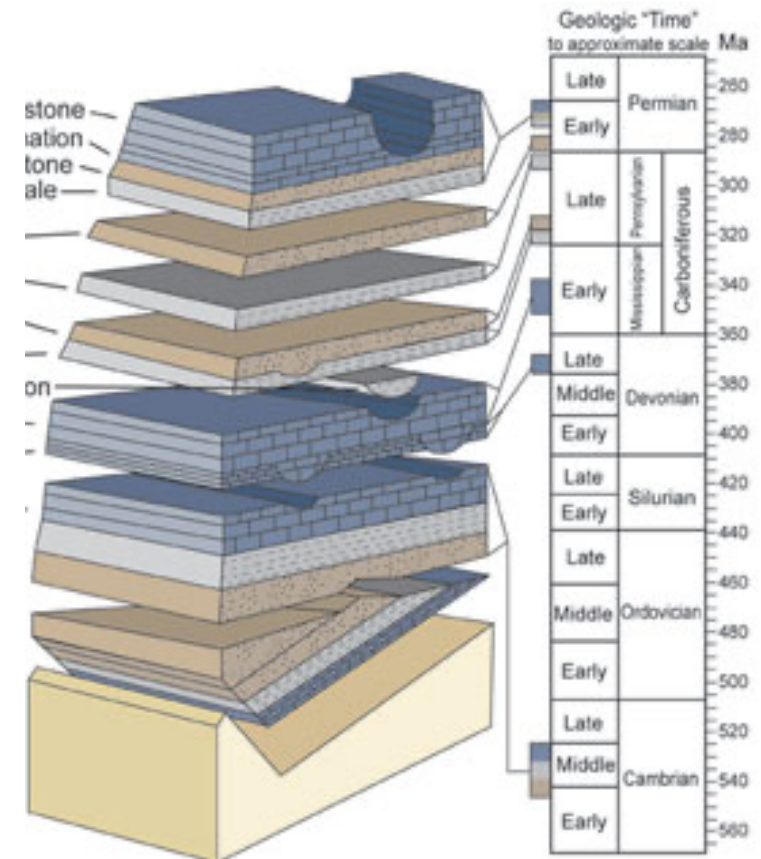
COMPLETENESS OF RECORD

Information complete?
individual events not
known?



(b)

Stratigraphy and TIME



MORE GAPS THAN RECORD

Image: S. Windsor