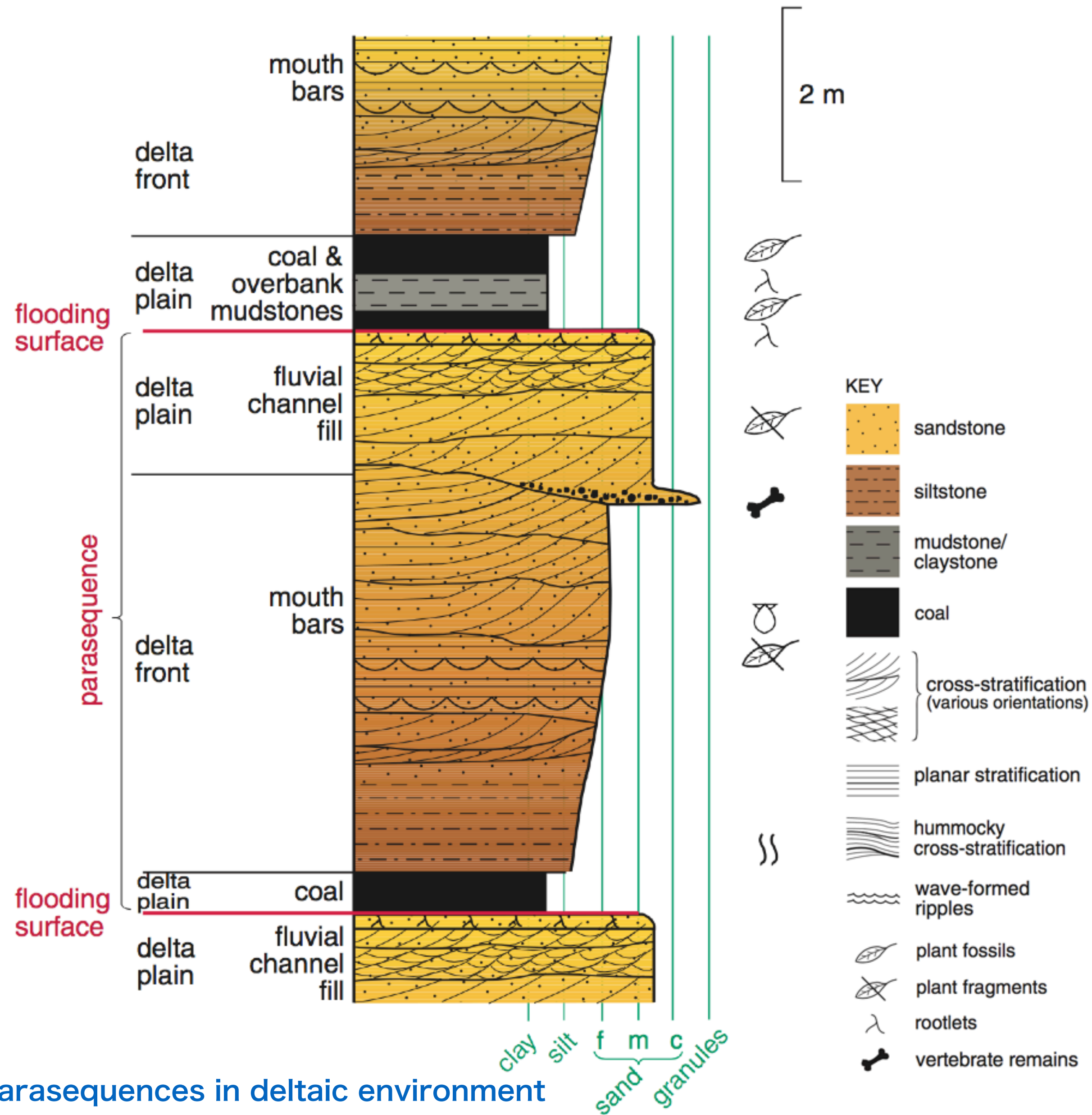


# Development of parasequences



Following transgression, a new parasequence will start to build out on top of the first one, utilizing the accommodation space that was newly created as relative sea-level rose.

Parasequence characteristics:

- **thickness:** 1 to tens of m
- **lateral extent:** tens to thousands of km<sup>2</sup>

They are the smallest bed-scale cycle commonly observed in the sedimentary record and the smallest unit usually considered in sequence stratigraphical analysis.

# *Parasequence sets*

Successions of parasequences which form distinctive stacking patterns are termed **parasequence sets**.