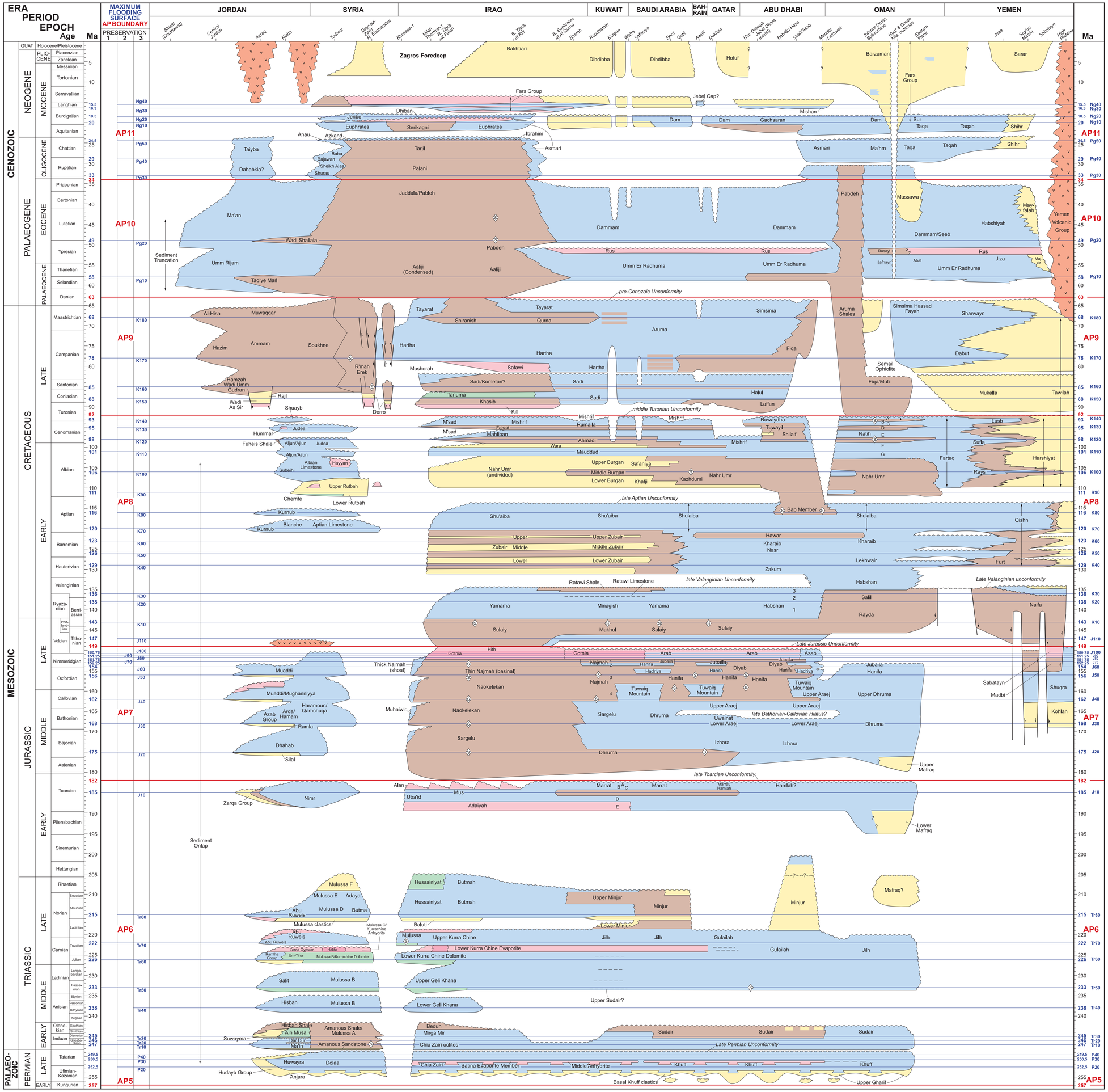
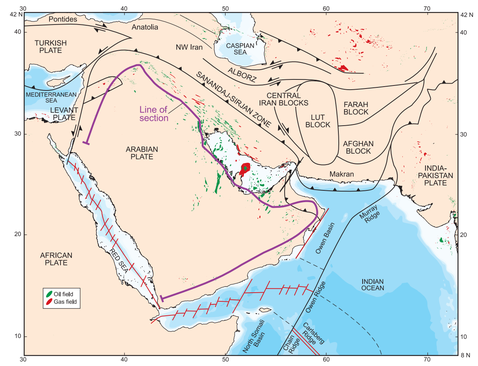


LOCATION MAP



LEGEND

- Sandstone
- Shale and argillaceous carbonate
- Shallow marine carbonate
- Dolomite
- Anhydrite
- Salt
- Volcanics
- Maximum Flooding Surface (MFS)
- Arabian Plate (AP) tectonostratigraphic megasequence (TMS) boundary
- Oil-prone source rock

Preservation = Estimated current preservation of MFS within area of present day sedimentary record

1 = 'plate-wide' preservation = c.>75% coverage
2 = 'sub-regional' preservation = 25%-75% coverage
3 = 'local' preservation = c.<25% coverage

CHRONO-SEQUENCE STRATIGRAPHY OF THE ARABIAN PLATE

0 200 400
Km

Vertical scale: 1 cm = 4 million years

Arabian Plate Sequence Stratigraphy

P.R. Sharland, D.M. Casey, R.B. Davies,
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Mesozoic and Cenozoic, Enclosure 1

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