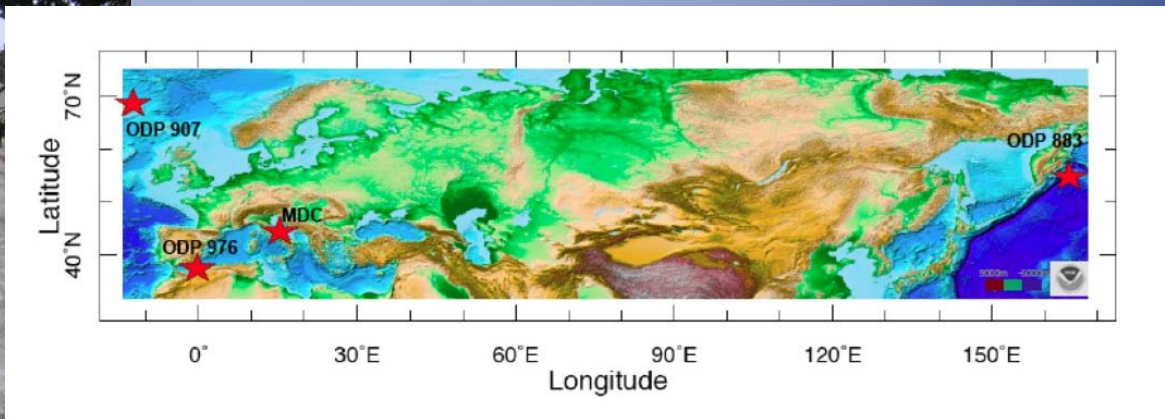


Preservation of organic biomarkers in uplifted marine strata?

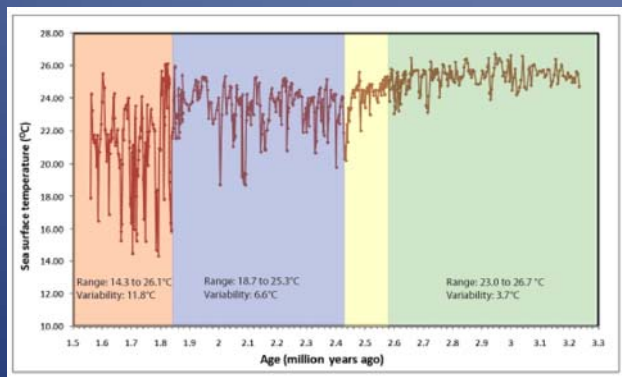
T.D. Herbert, Geological Science, Brown University



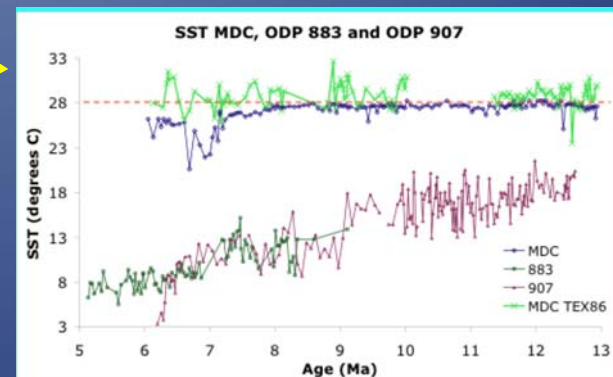
Sample exposed marine sediments
Extract biomarkers to make regional climate record



Test significance of results:
Go to other sections of similar age in N. Hemisphere



Temperature reconstruction from Mediterranean shows major steps
Connected with N. Hemisphere glaciation



Warm middle Miocene climate
Followed by significant cooling