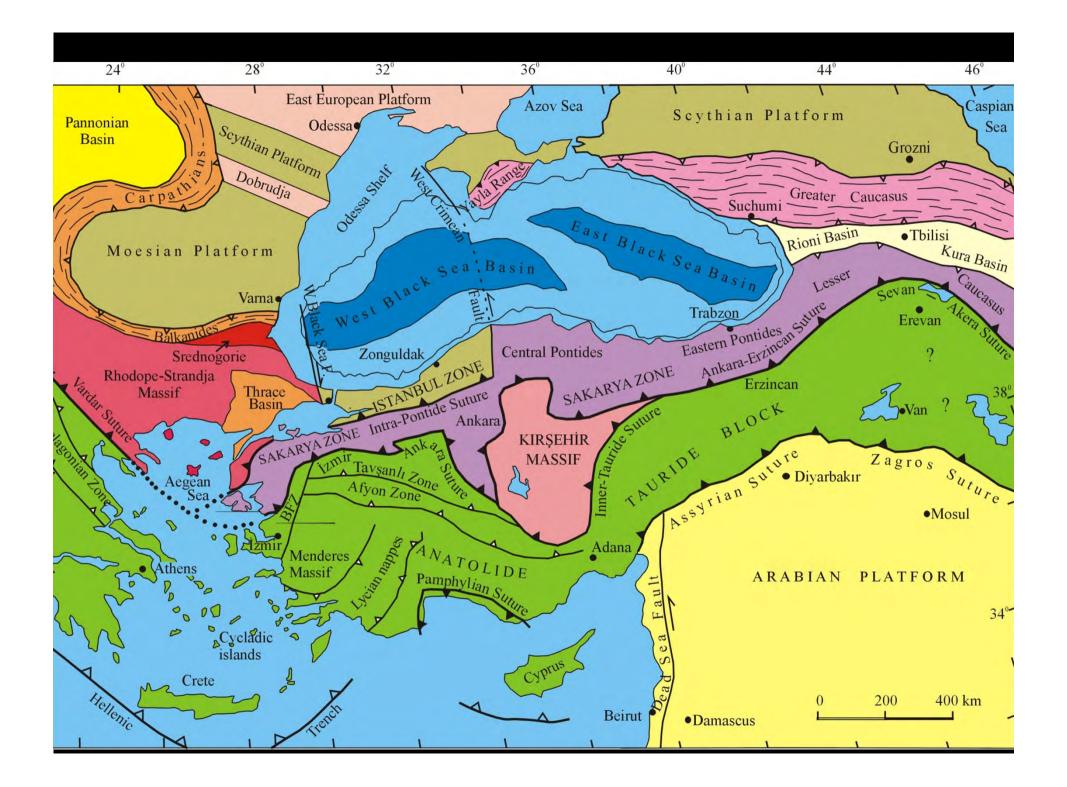
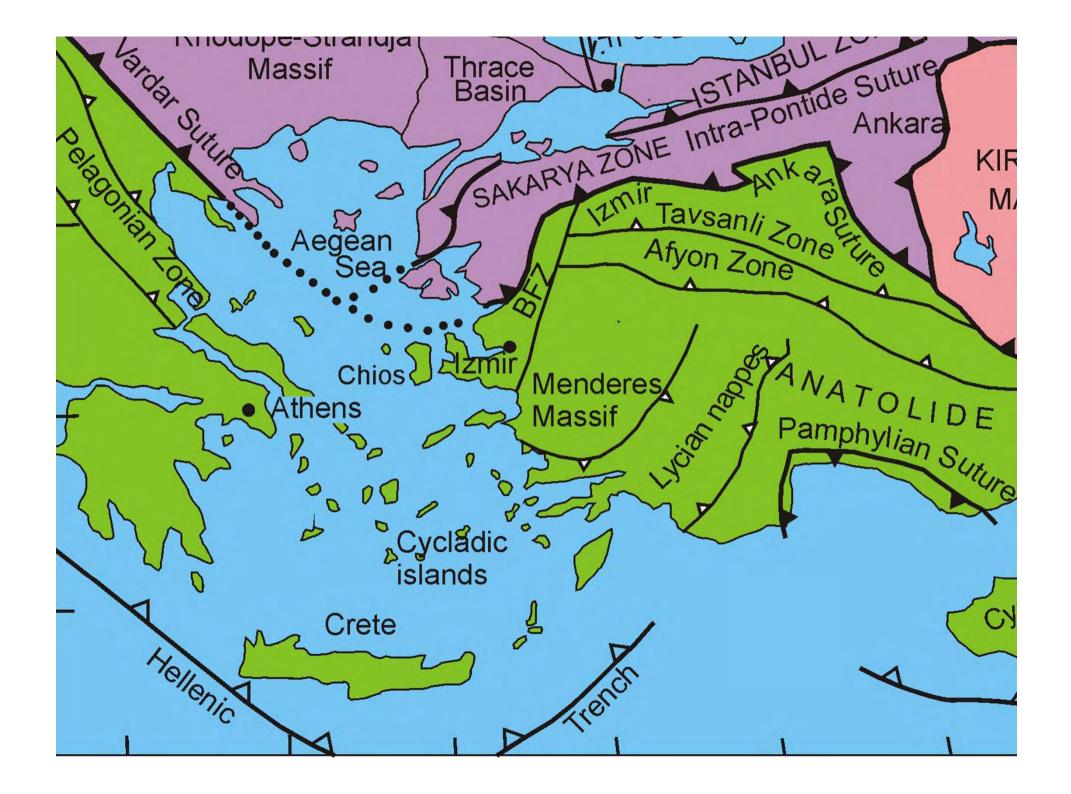
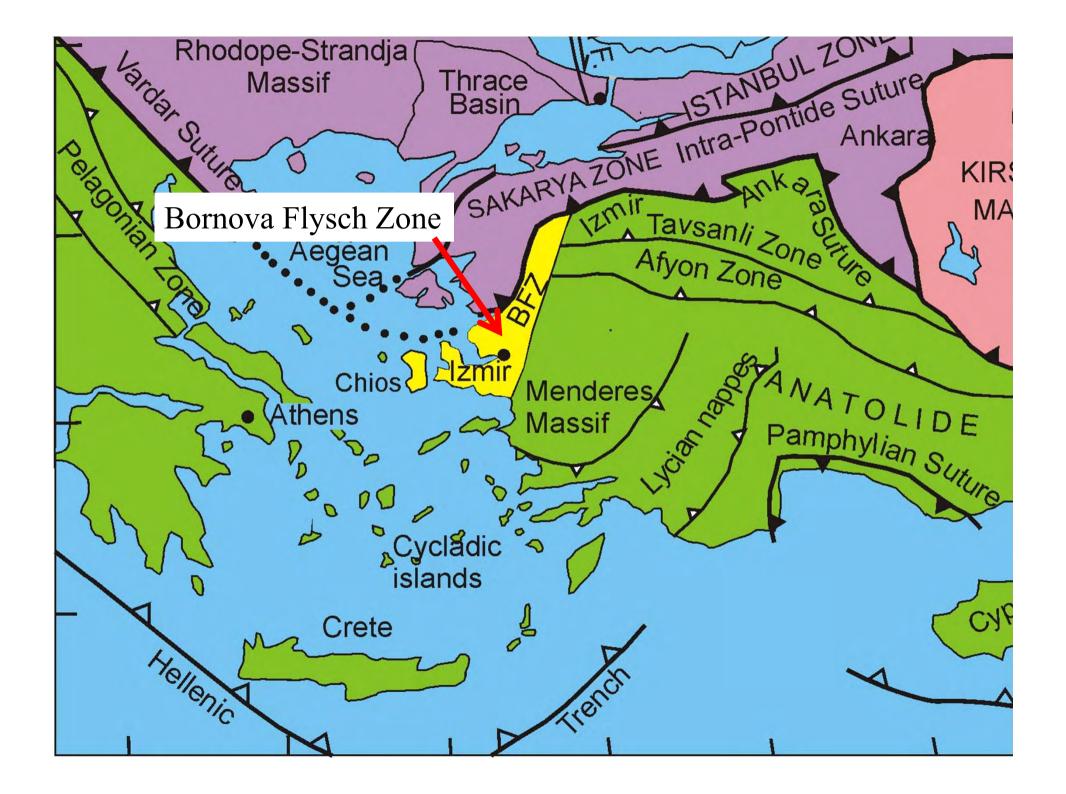
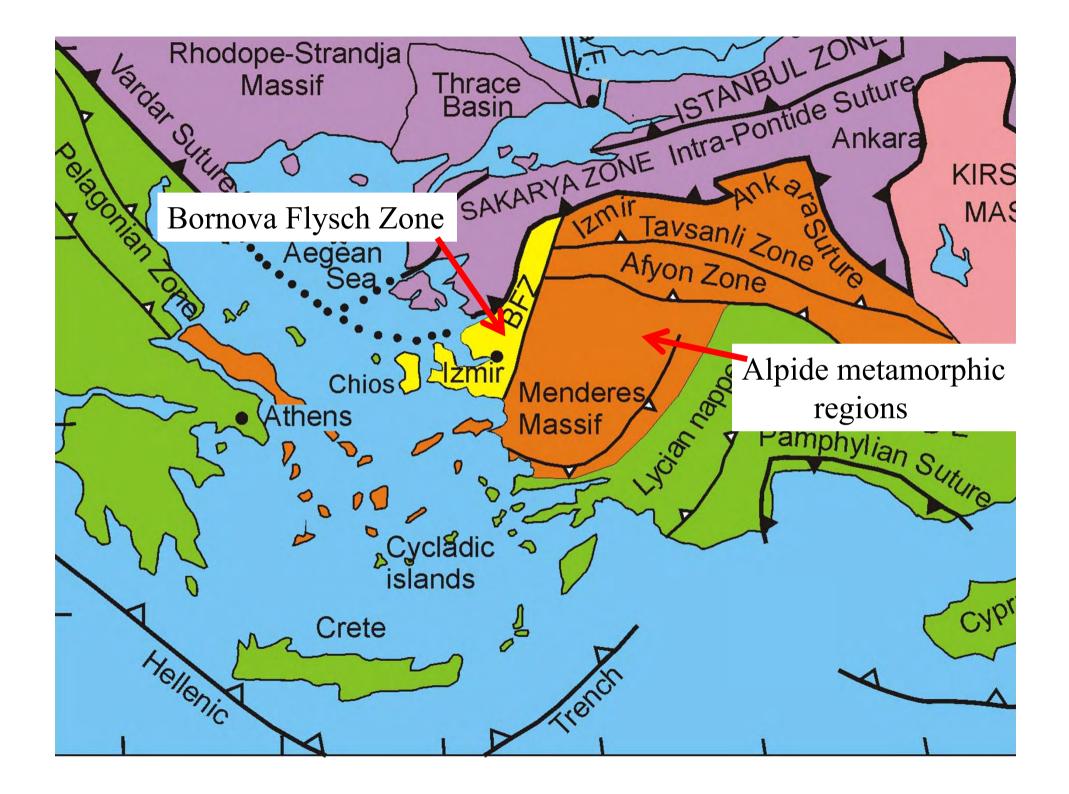
Bornova Flysch Zone A large melange – olistostrome belt

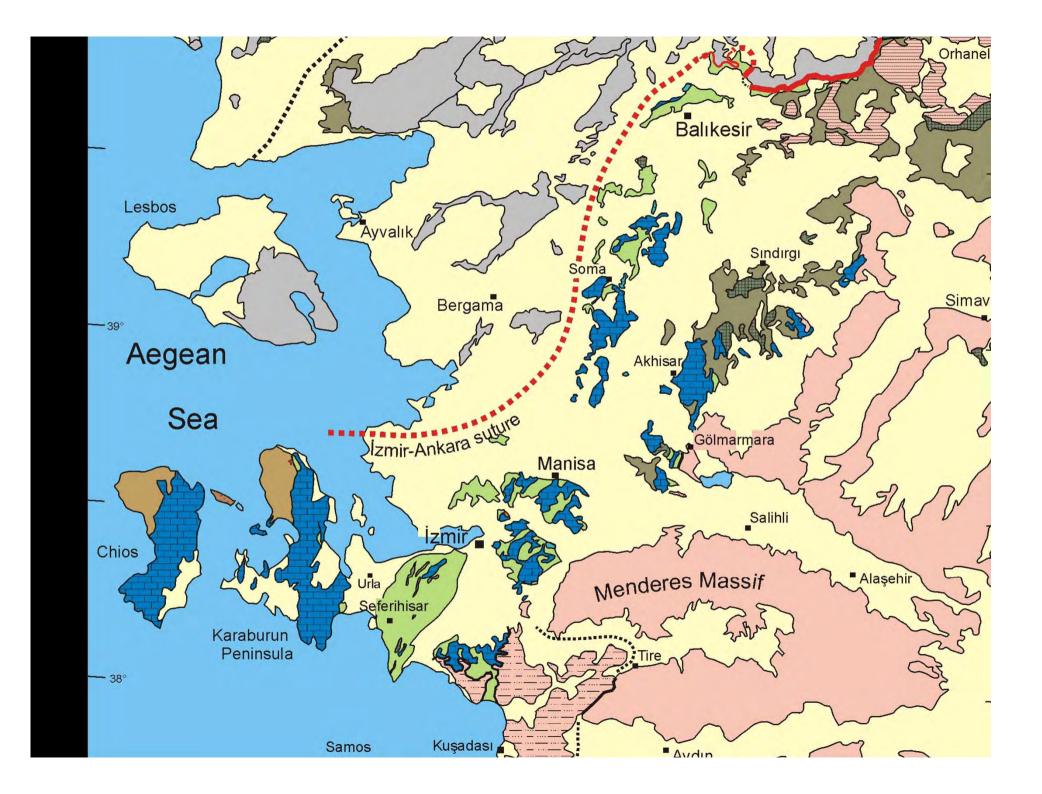
Aral Okay Istanbul Teknik Üniversitesi





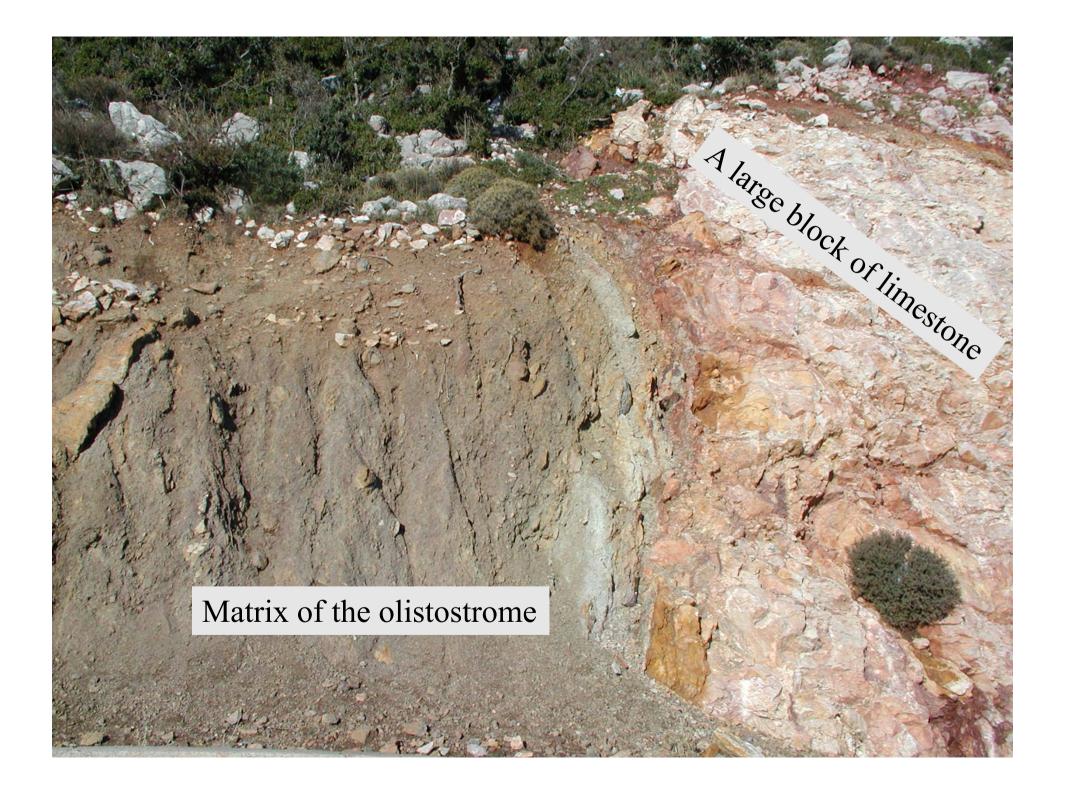




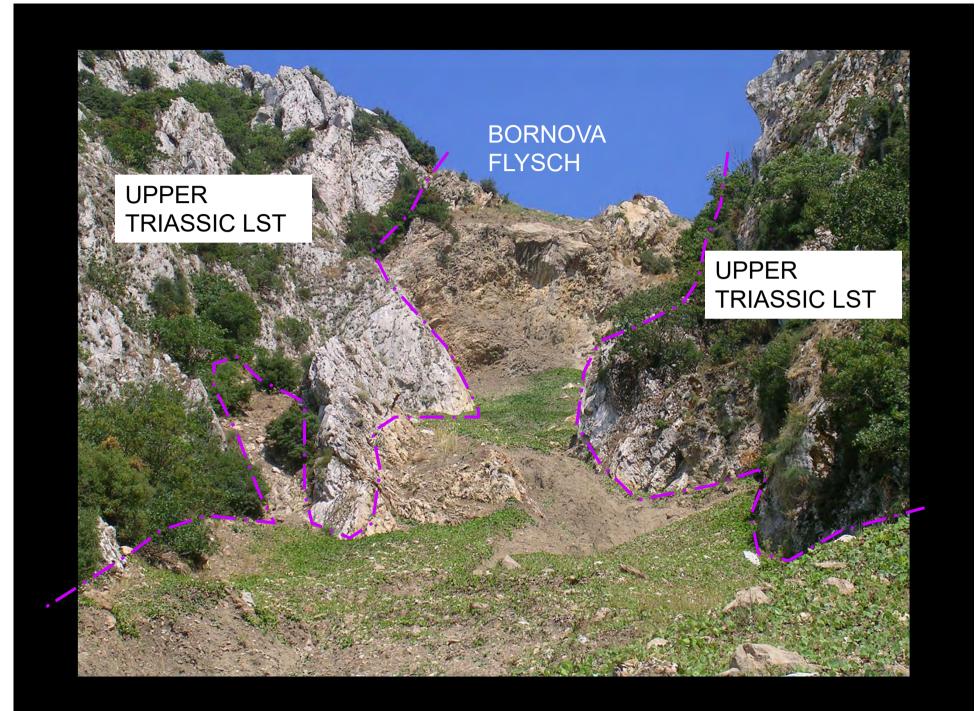


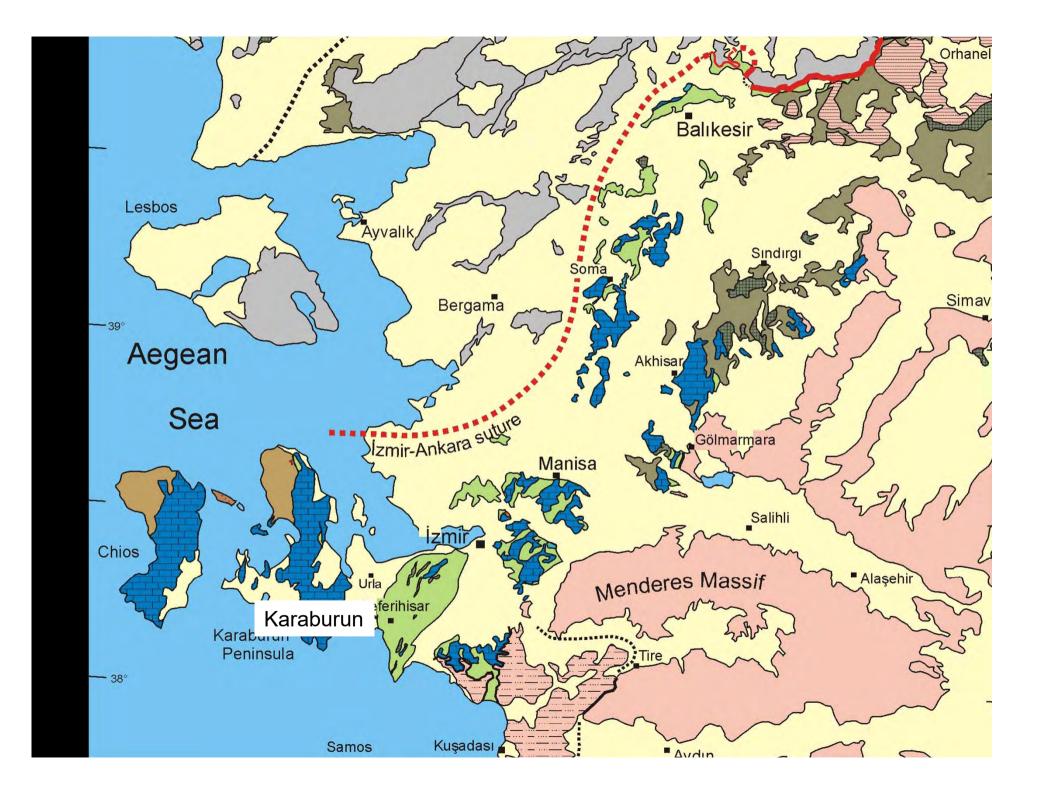




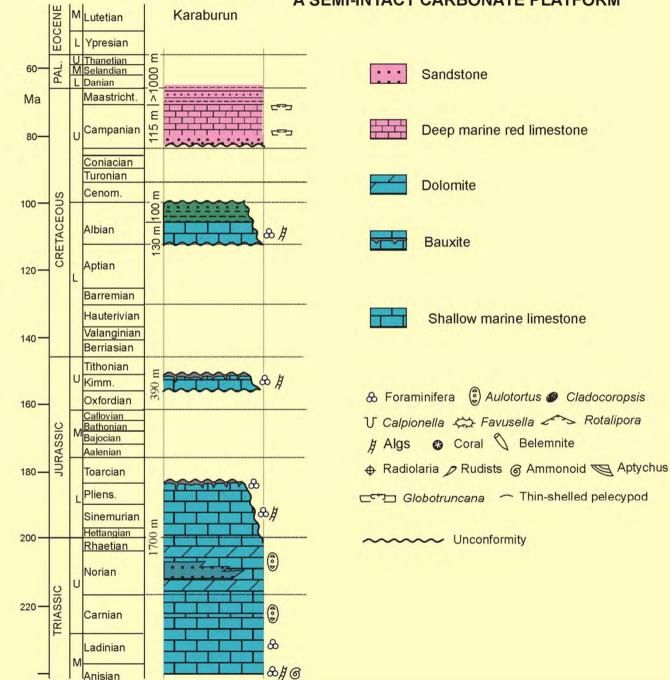


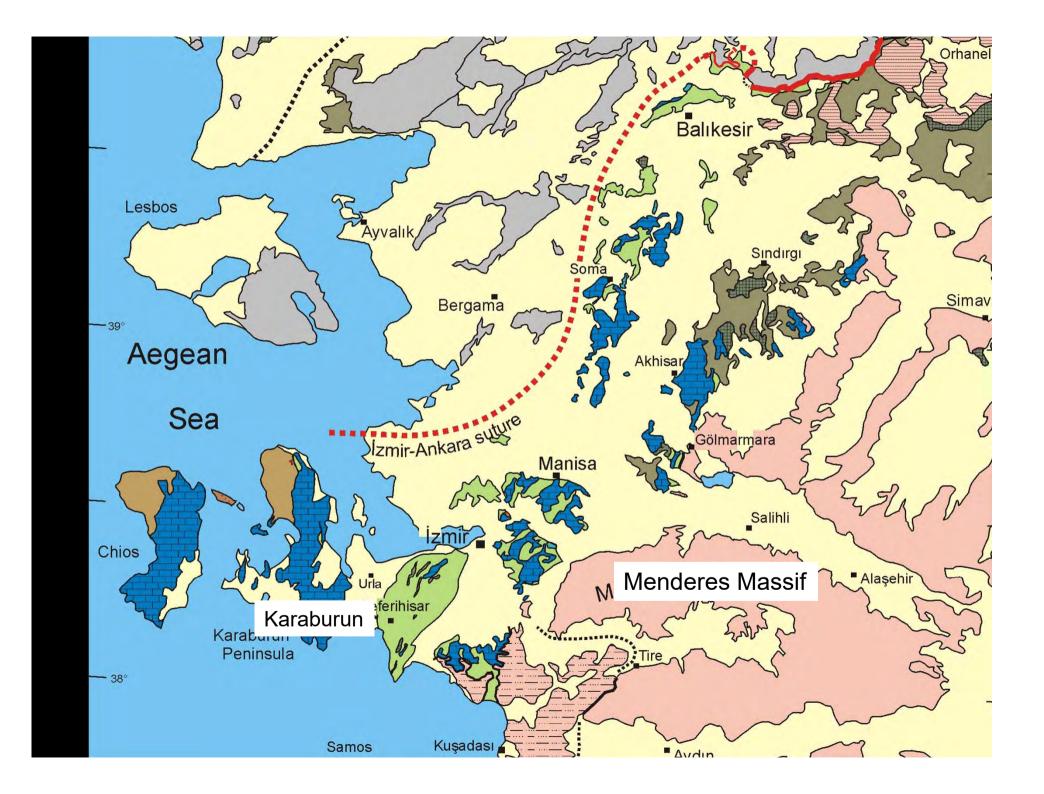


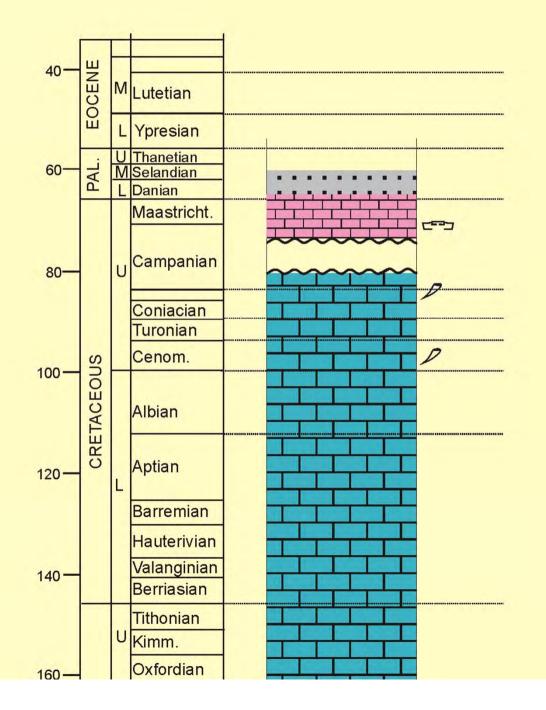




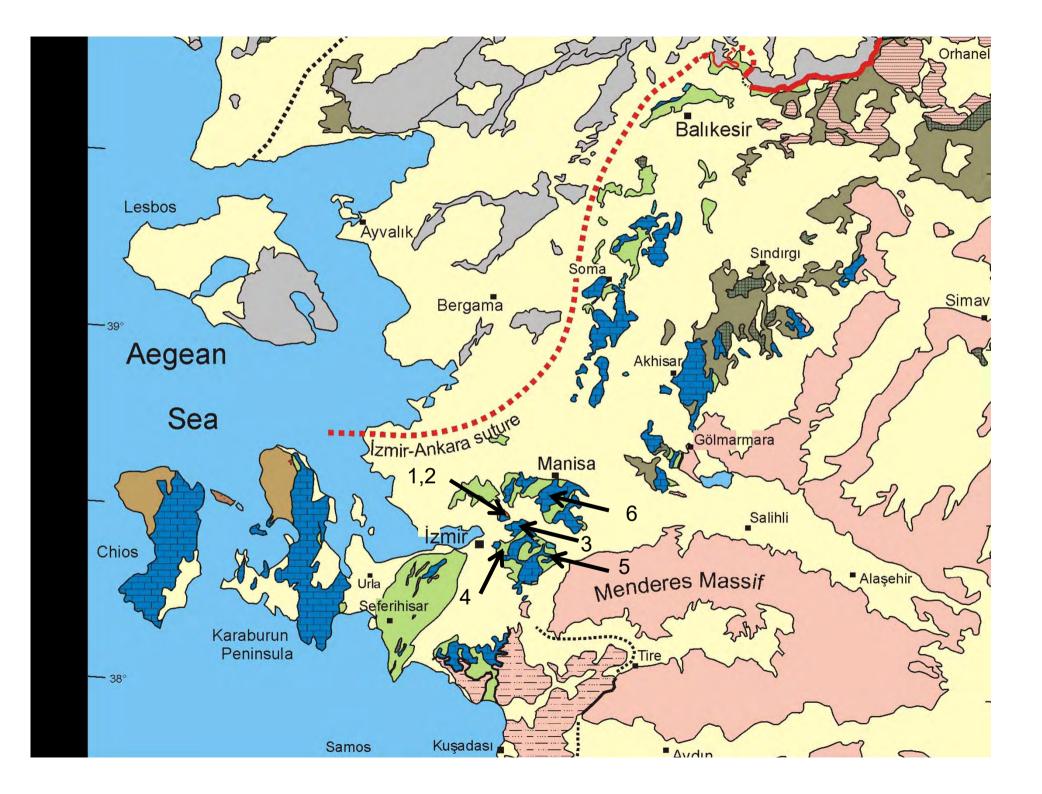
KARABURUN STRATIGRAPHY A SEMI-INTACT CARBONATE PLATFORM

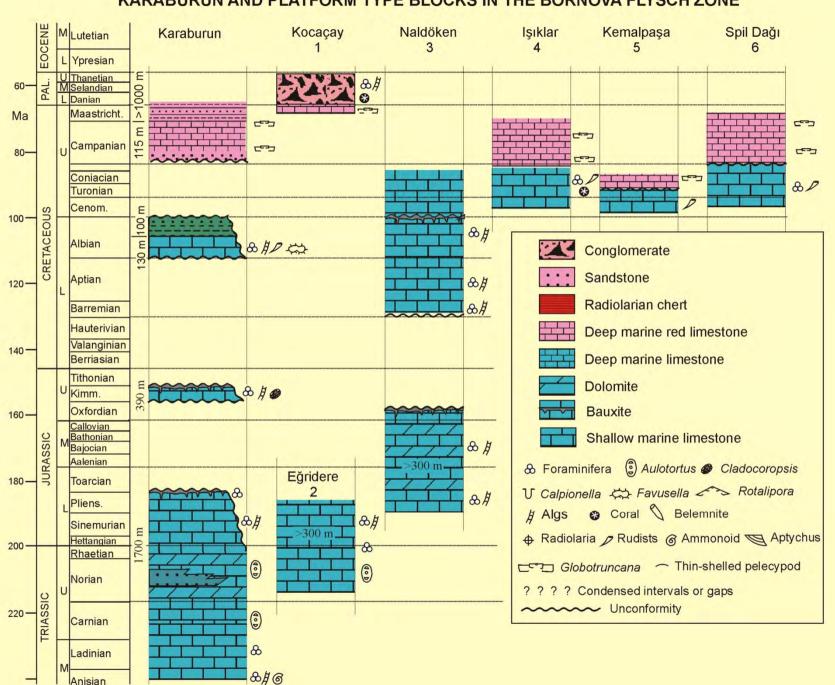




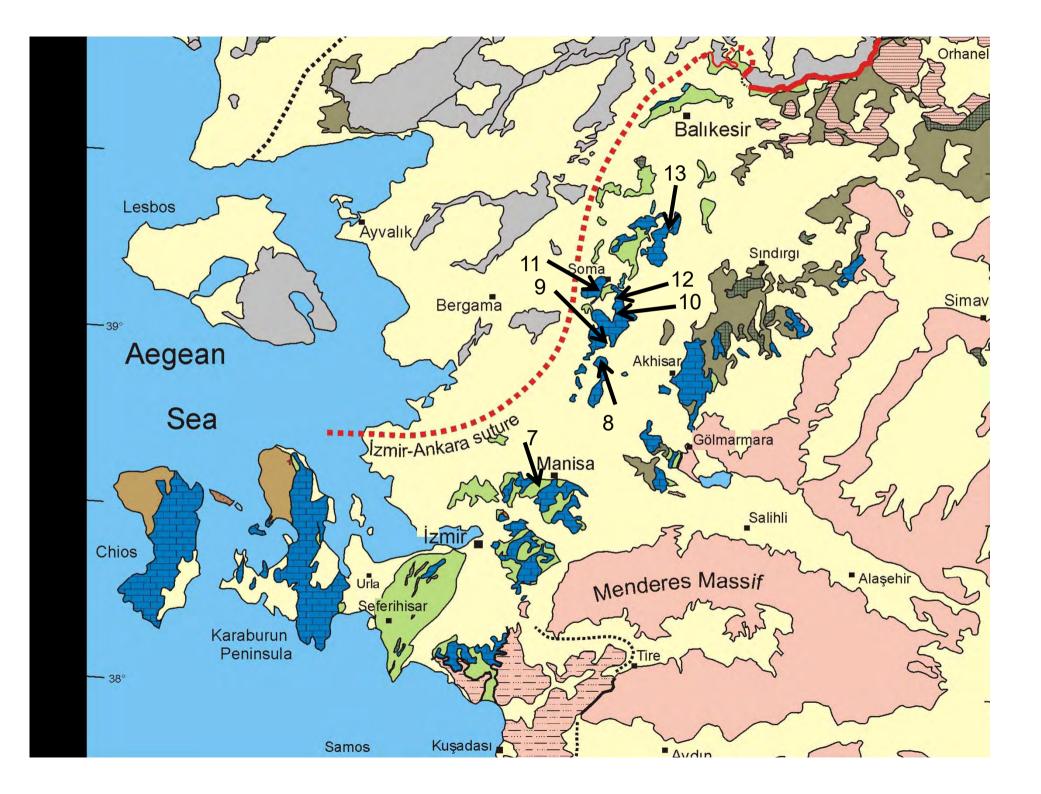


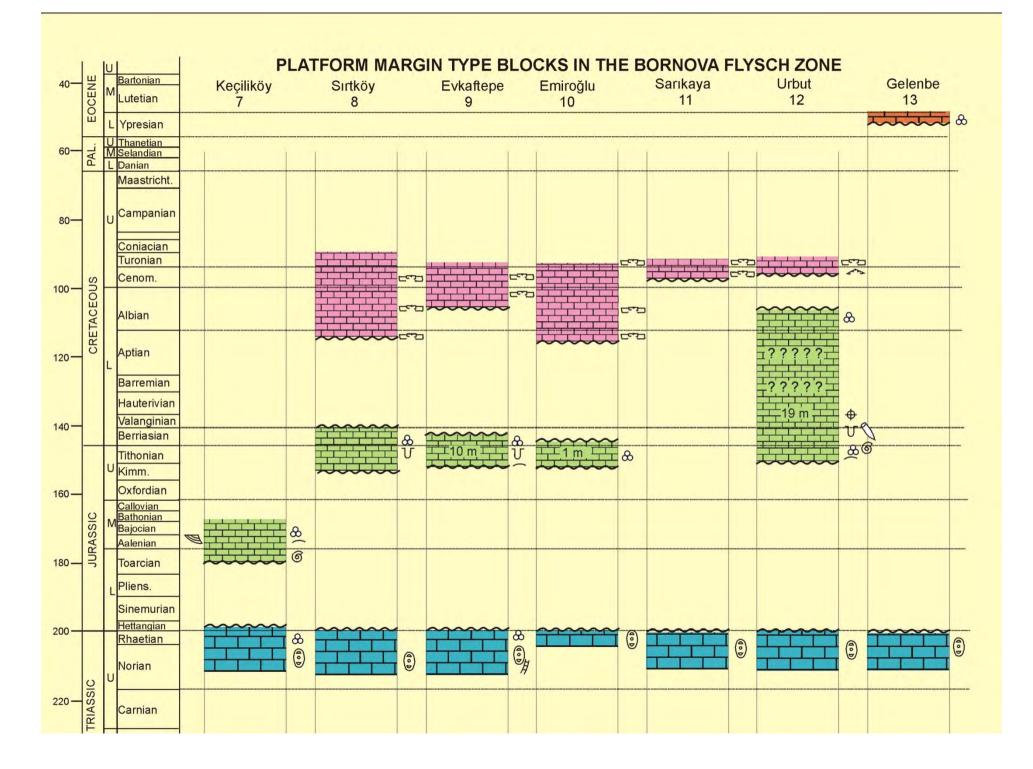
Menderes Massif





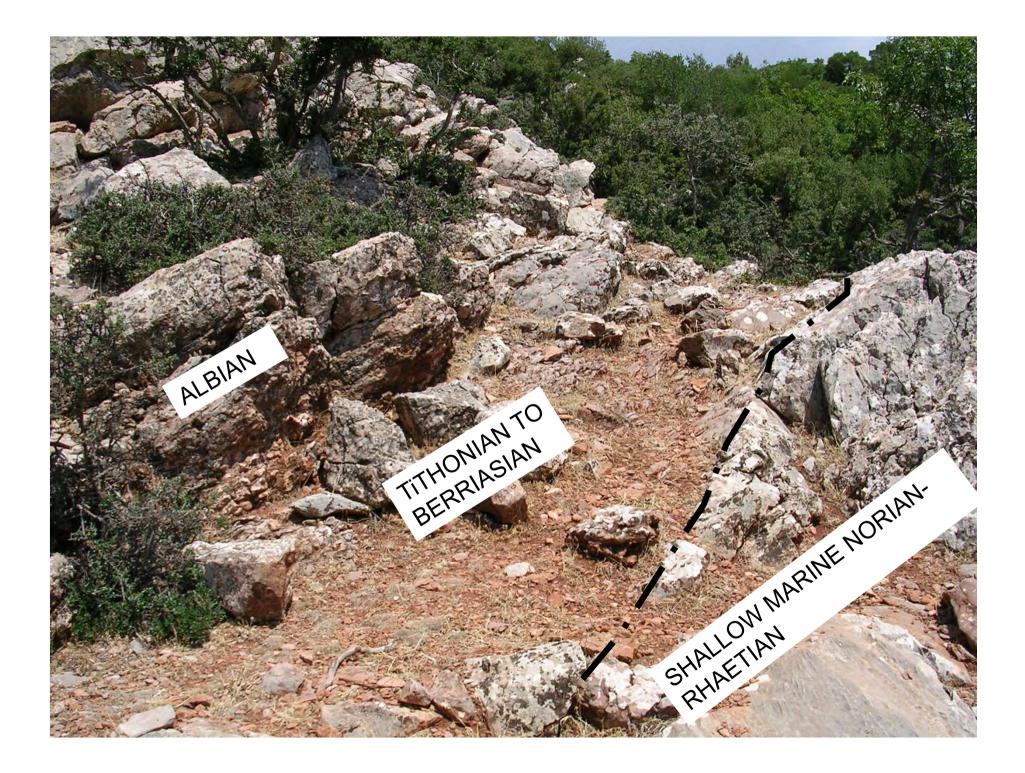
KARABURUN AND PLATFORM TYPE BLOCKS IN THE BORNOVA FLYSCH ZONE

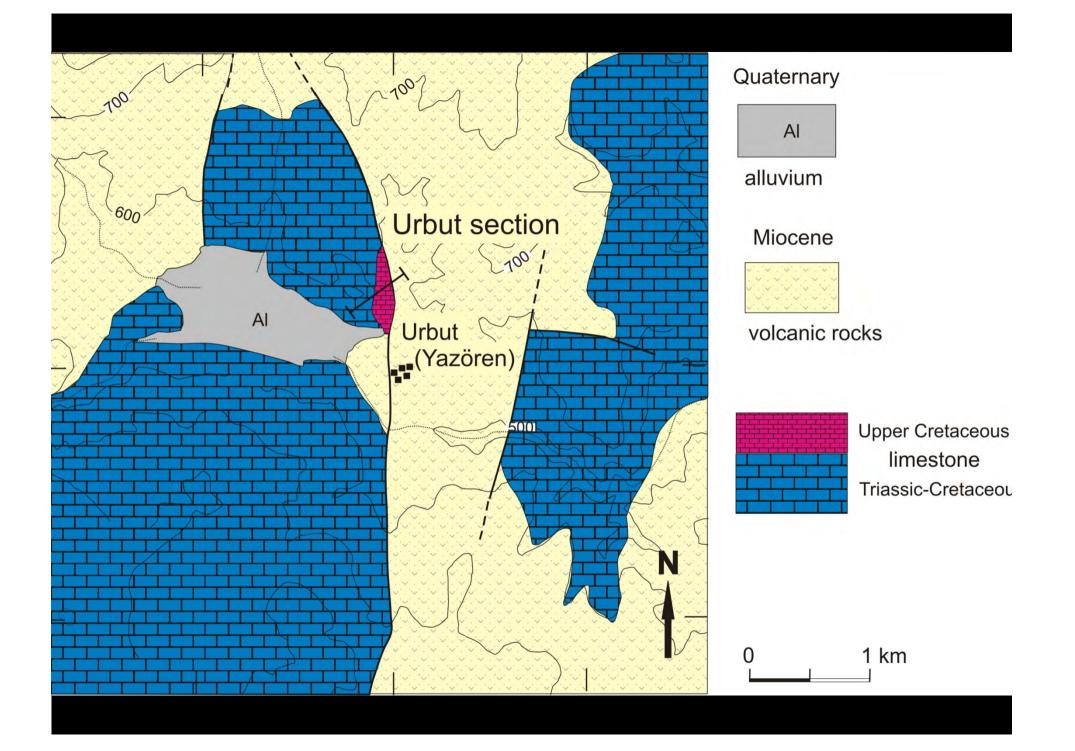


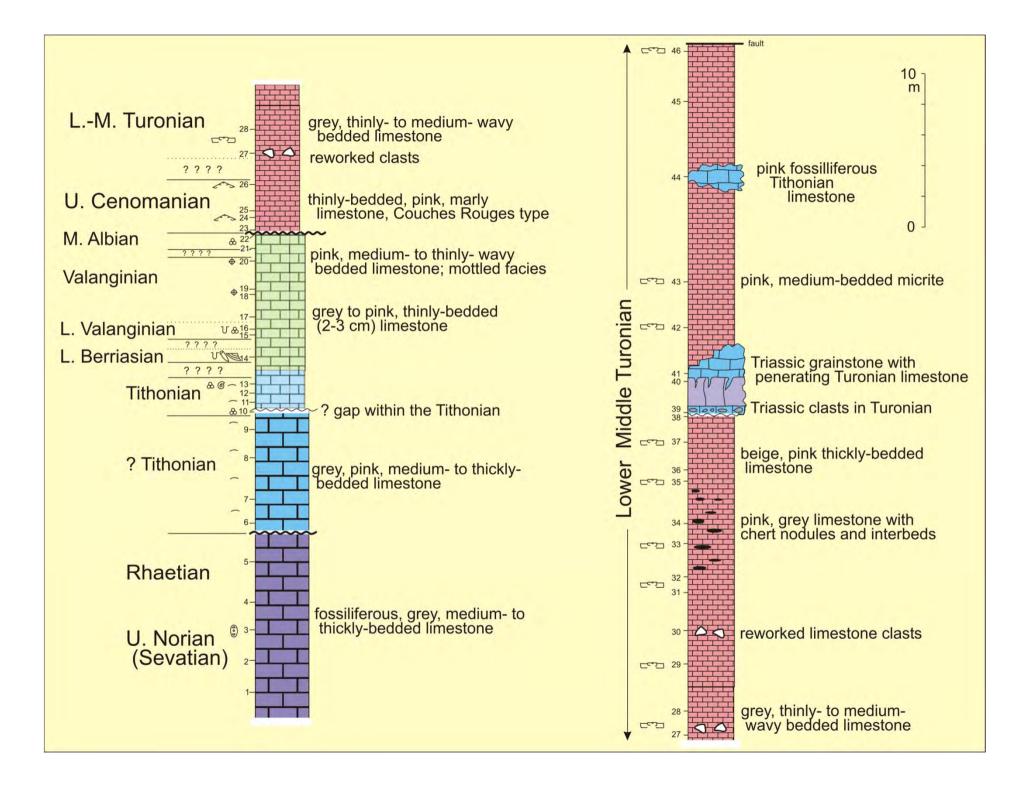


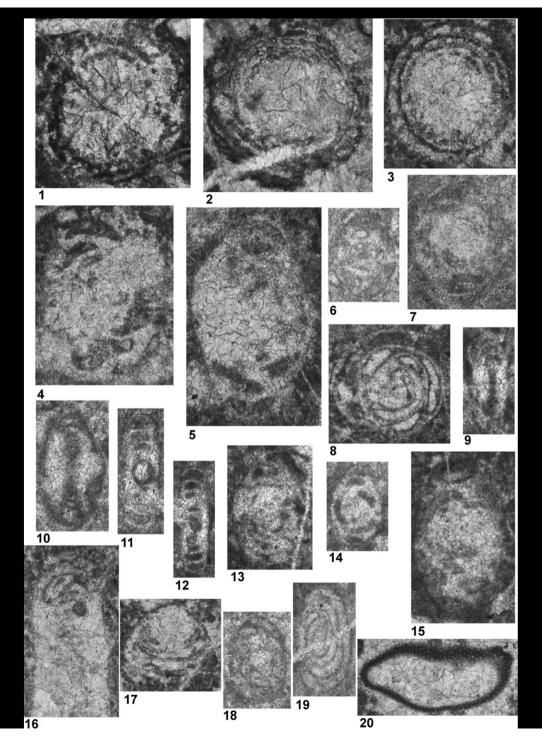
Shallow marine Upper Triassic limestone



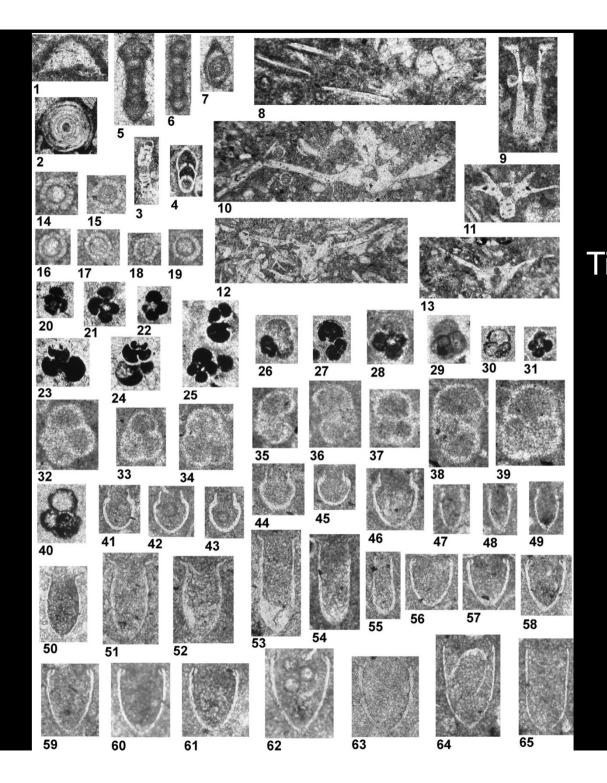




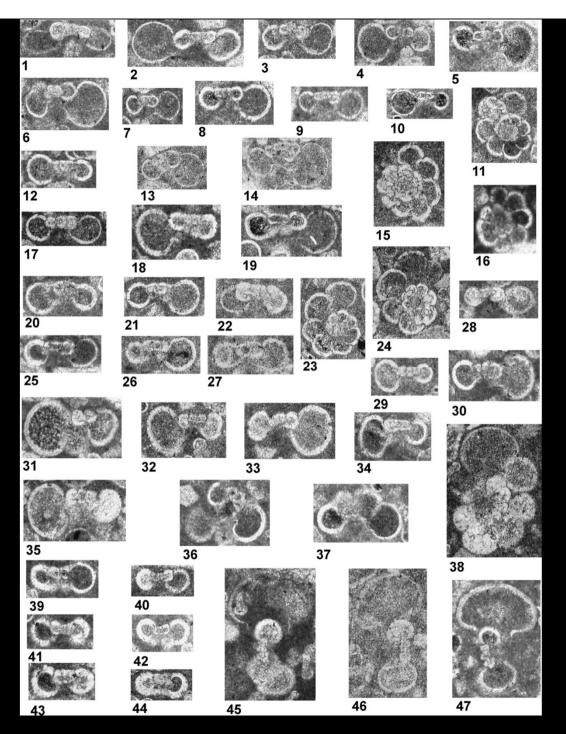




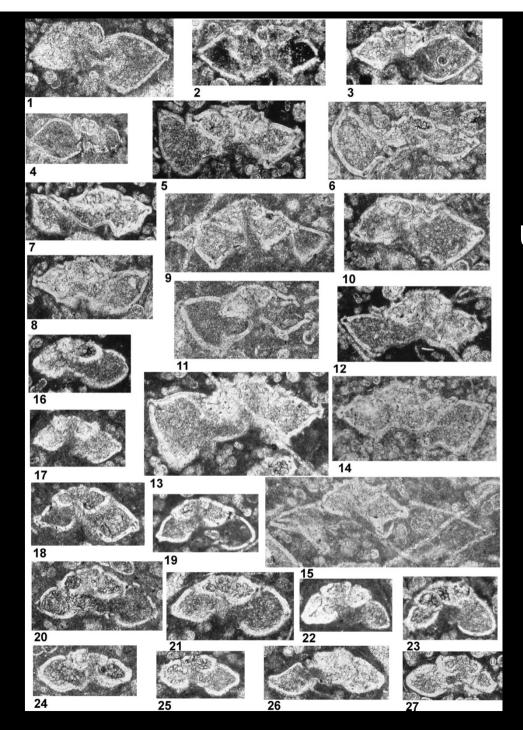
Upper Norian – Rhaetian



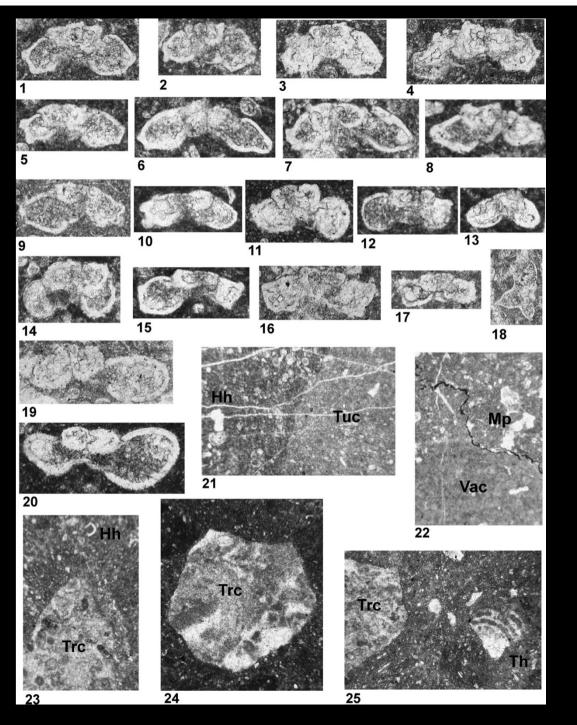
Tithonian – Valanginian



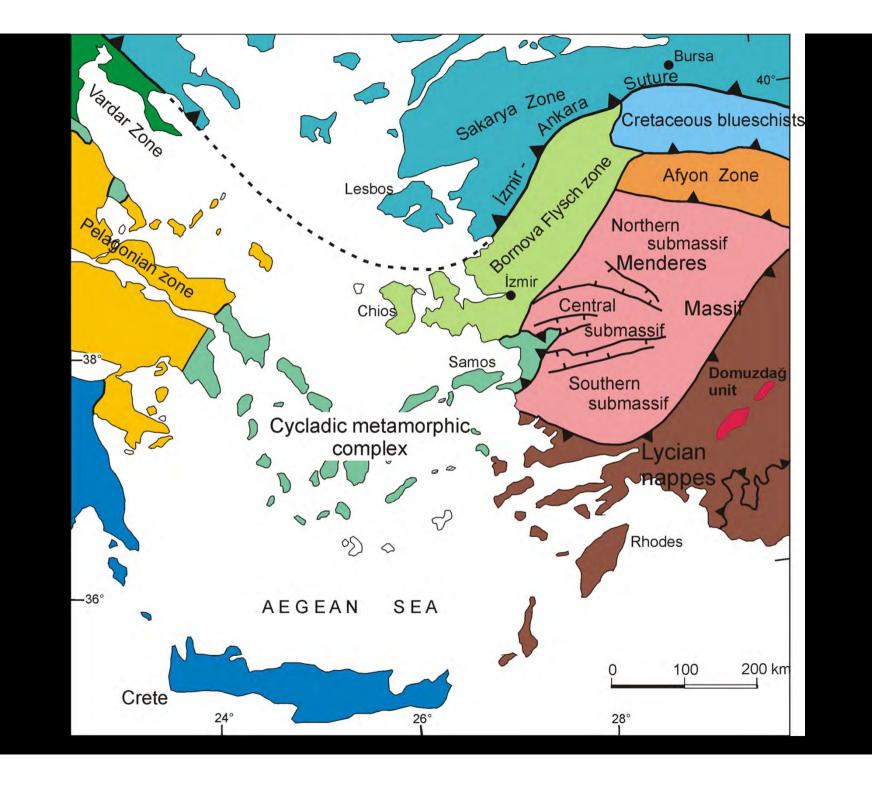
Middle Albian

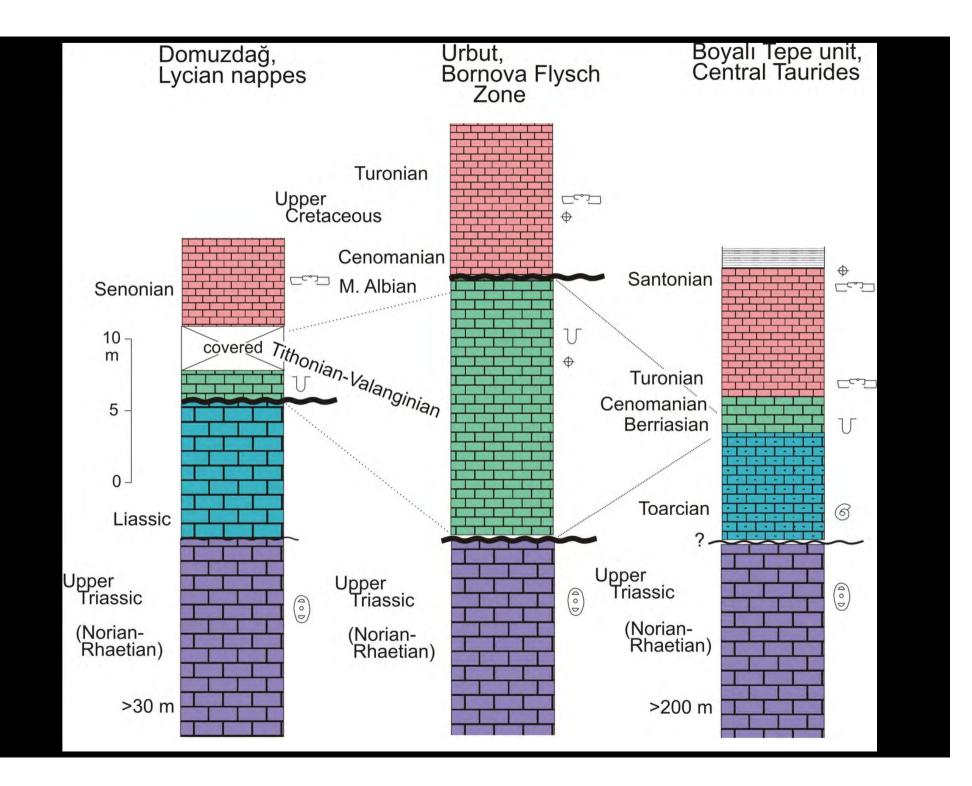


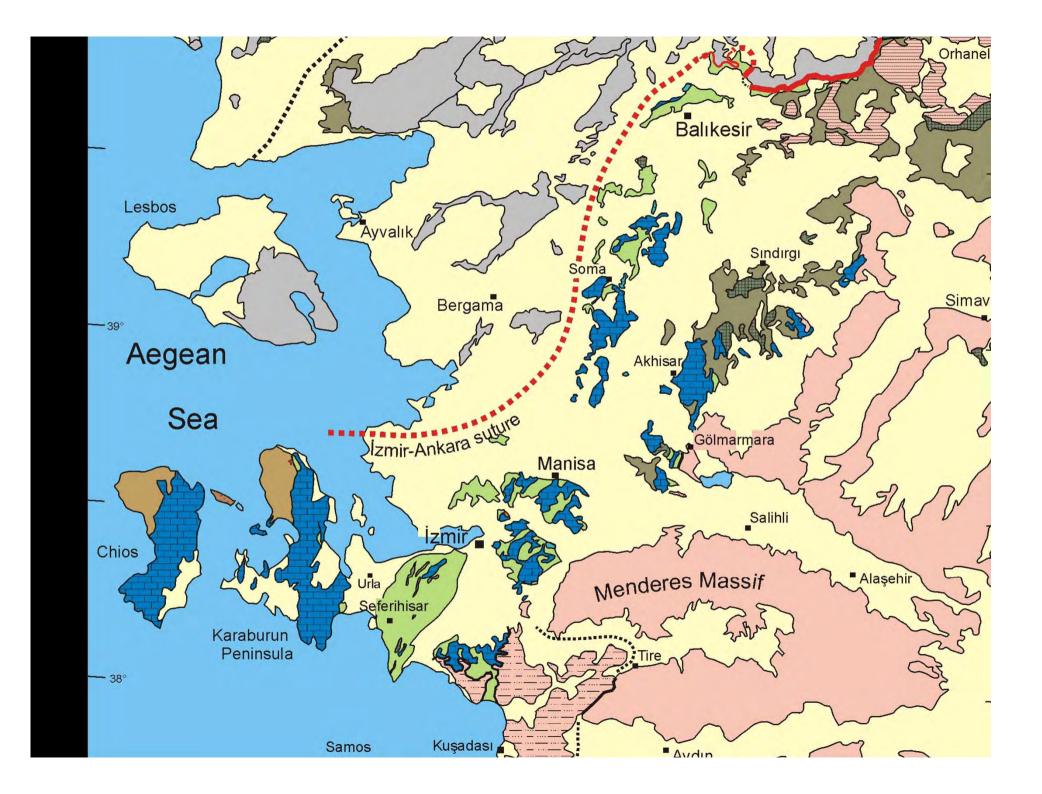
Upper Cenomanian



Lower-Middle Turonian

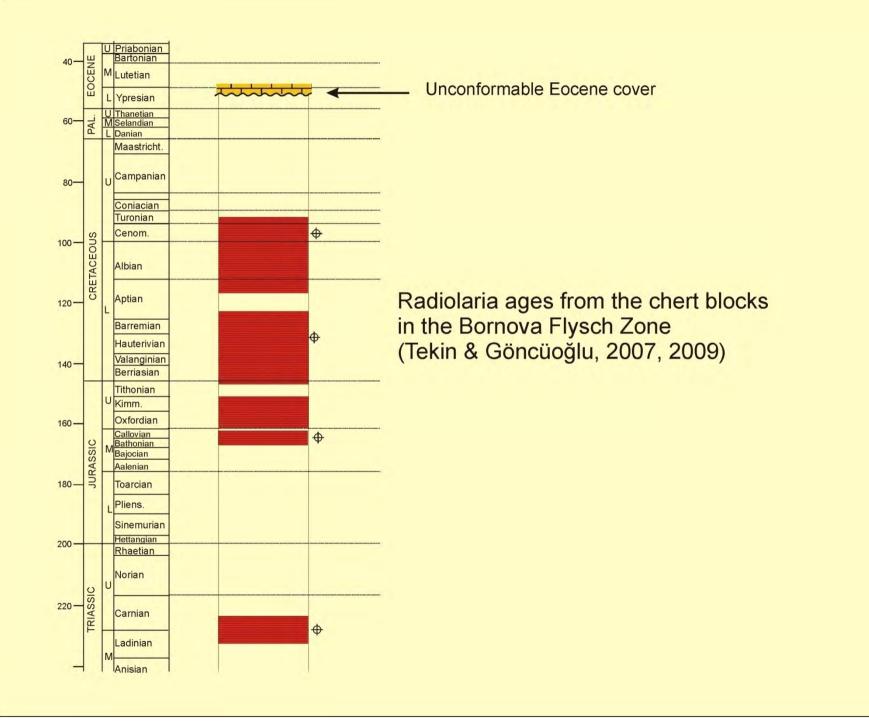


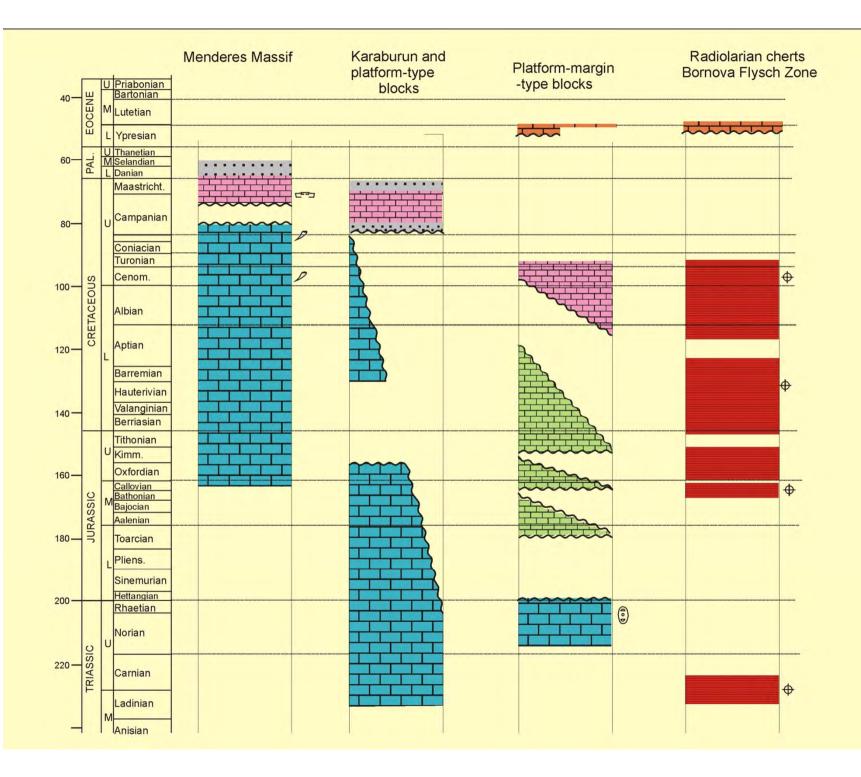


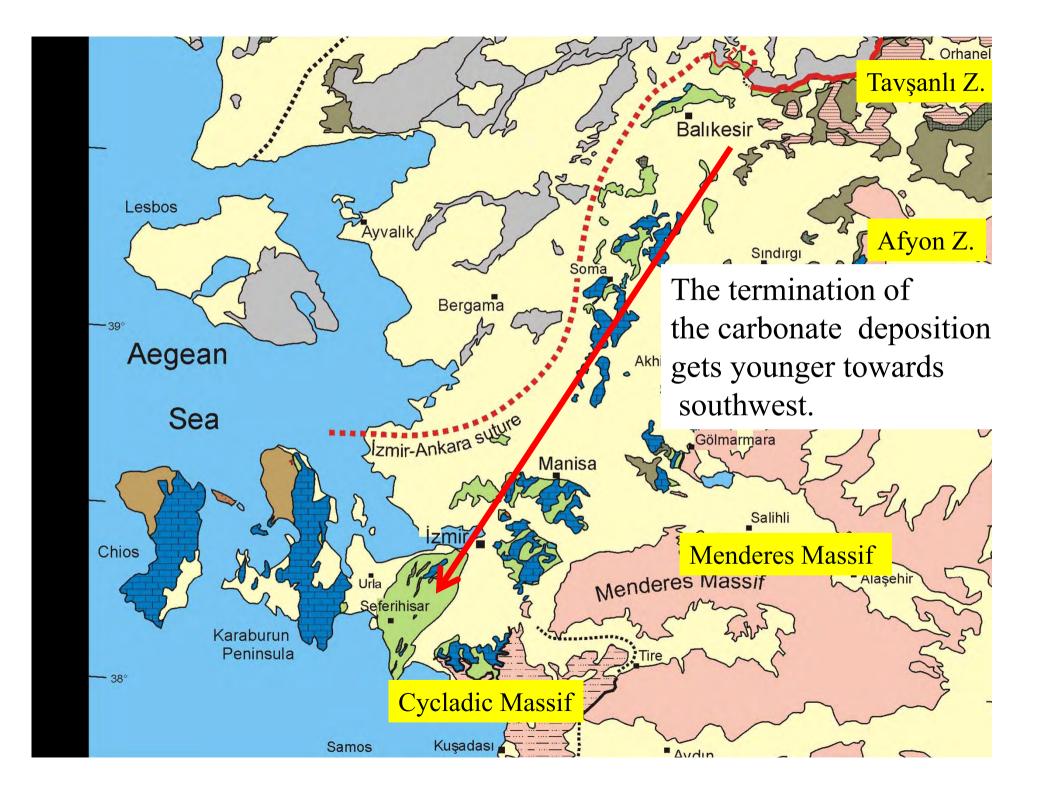


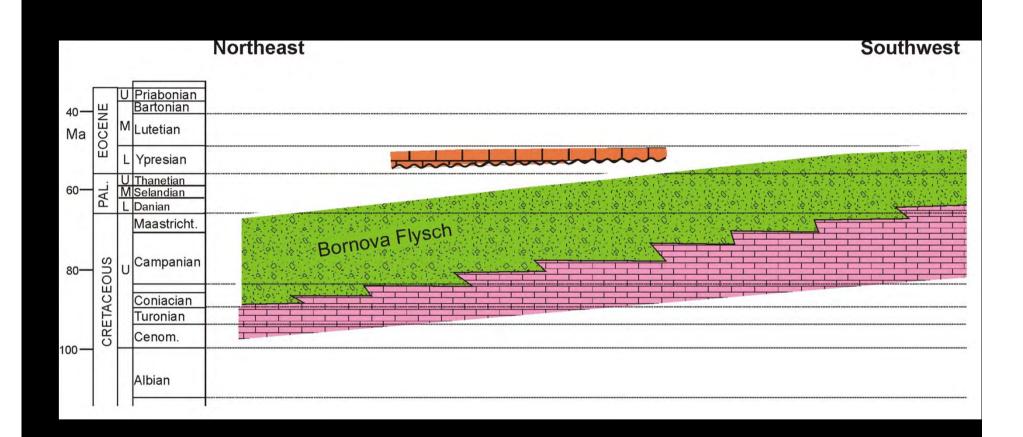
Ophiolitic melange, Balıkesir

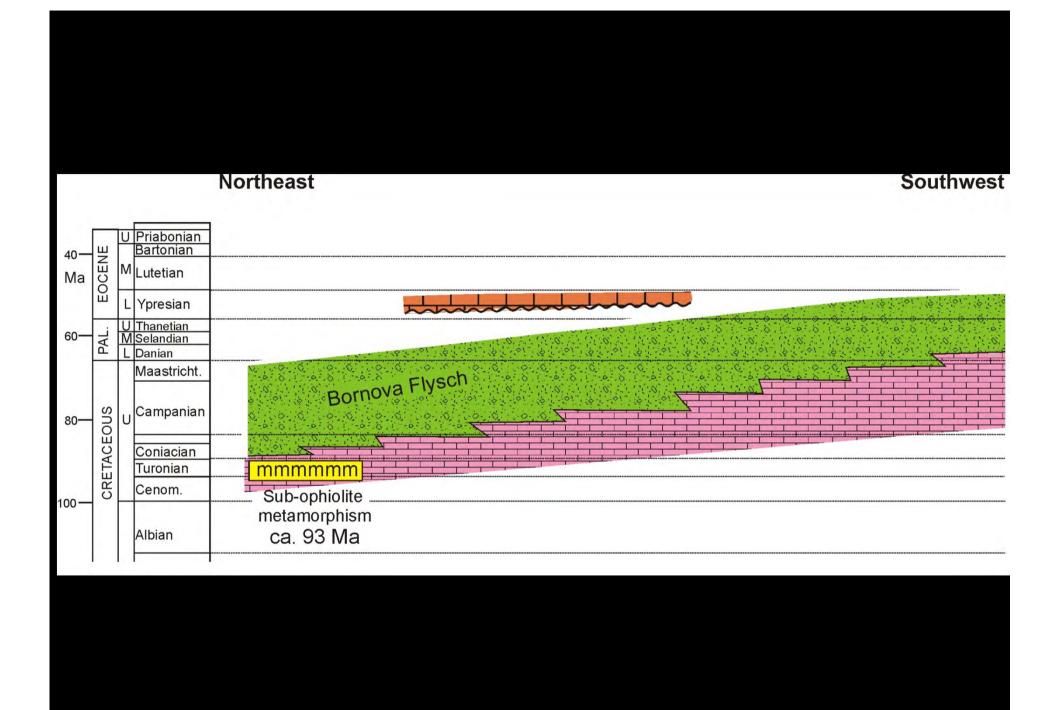


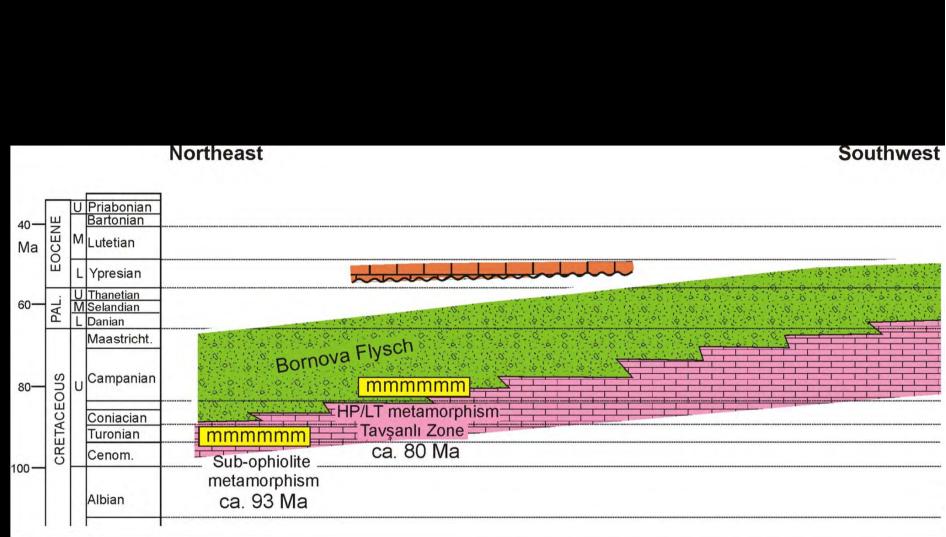


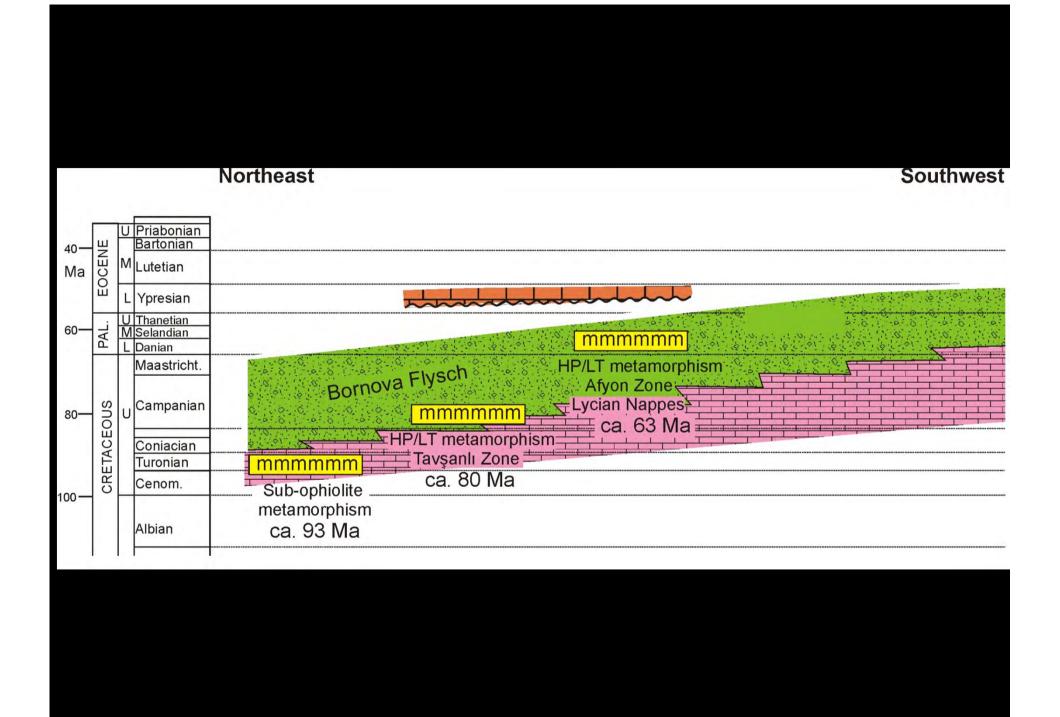






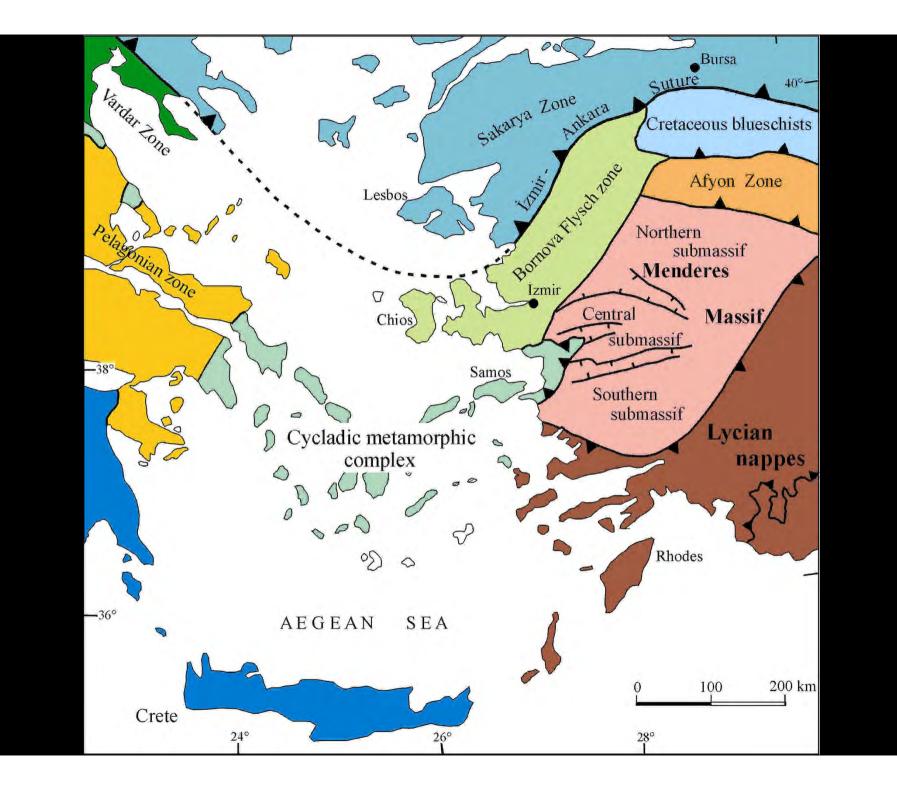


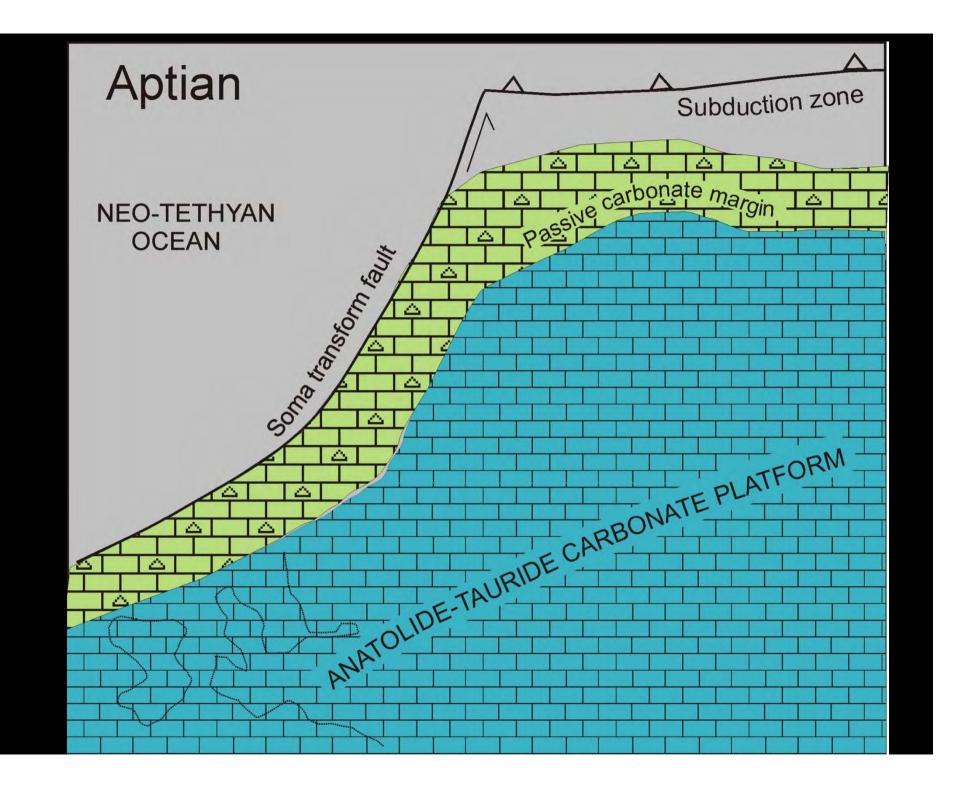


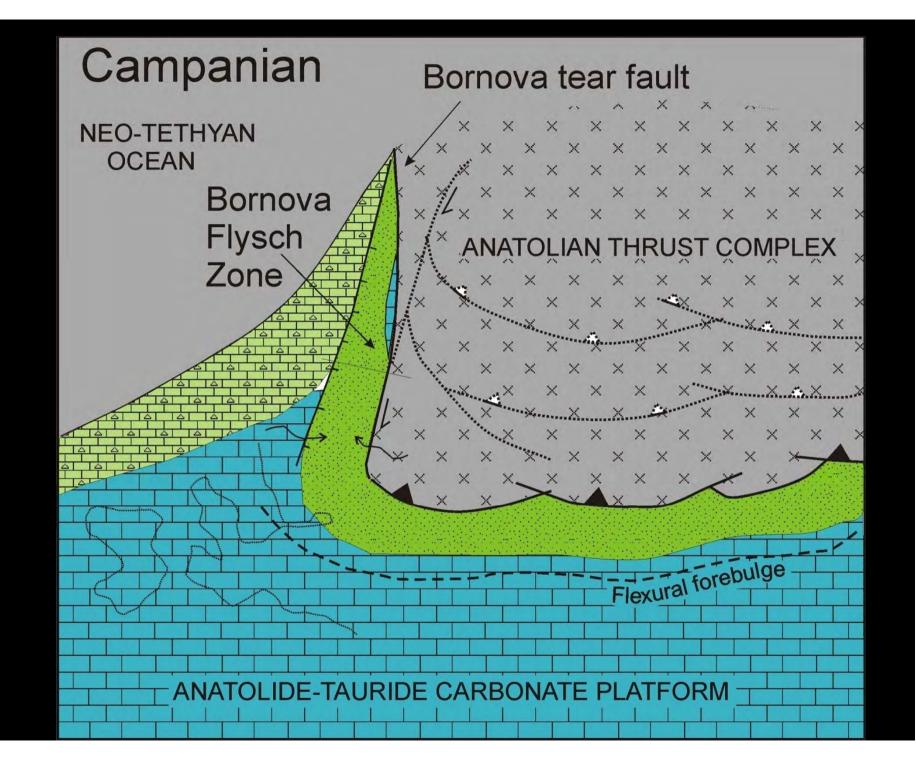


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			Coniacian	
			Turonian Cenom.	Sub-ophiolite
0-			Albian	metamorphism ca. 93 Ma

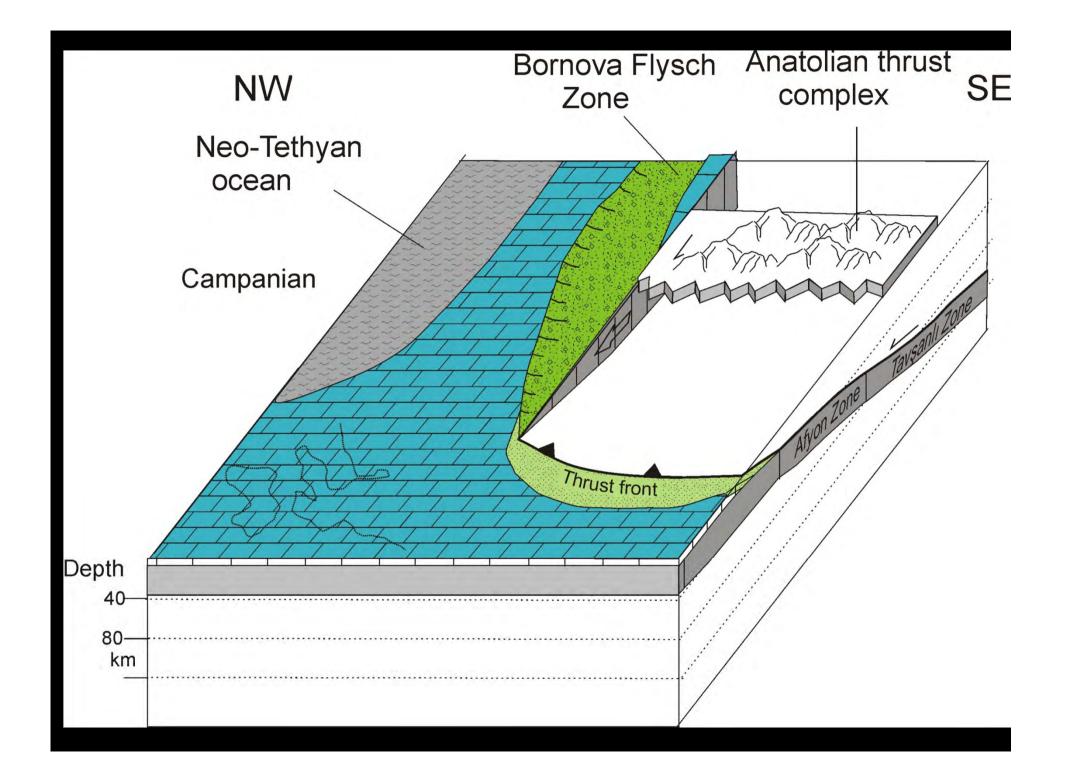
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Campanian A NW В SE Bornova Flysch Zone 0-Depth × km × Anatolian thrust complex 5 × × X \otimes • 10-× \otimes 15 -X 20-



Conclusions

1. The Bornova Flysch Zone (BFZ) is a regional olistostrome-melange belt of sedimentary and tectonic origin.

2. The blocks in the BFZ are mainly of Mesozoic carbonate and ophiolite, which lie in a latest Cretaceous-Paleocene clastic matrix. The blocks are of two types:

- a) Carbonate platform type
- b) Carbonate platform margin type

3. The BFZ was formed and deformed in a dynamic basin in a lithospheric scale shear zone.