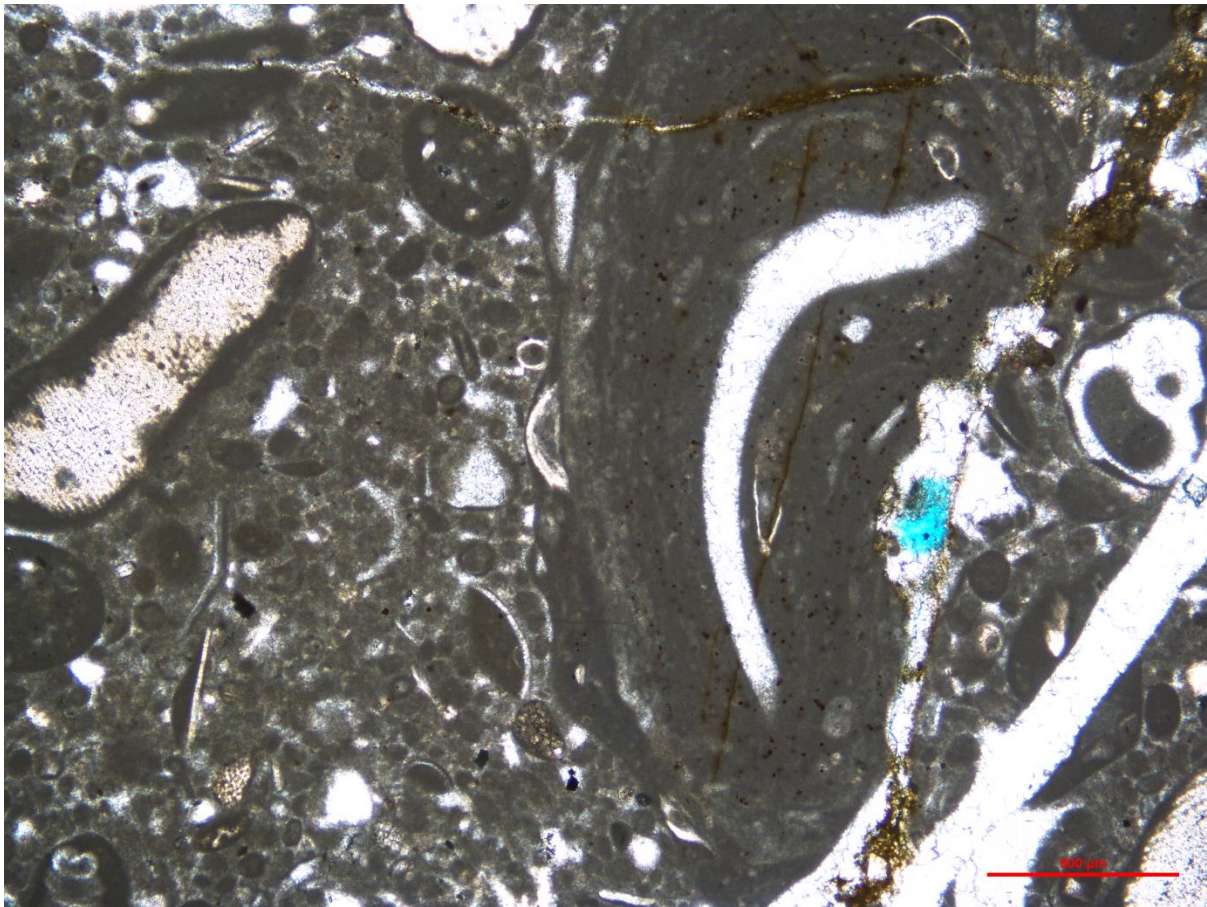
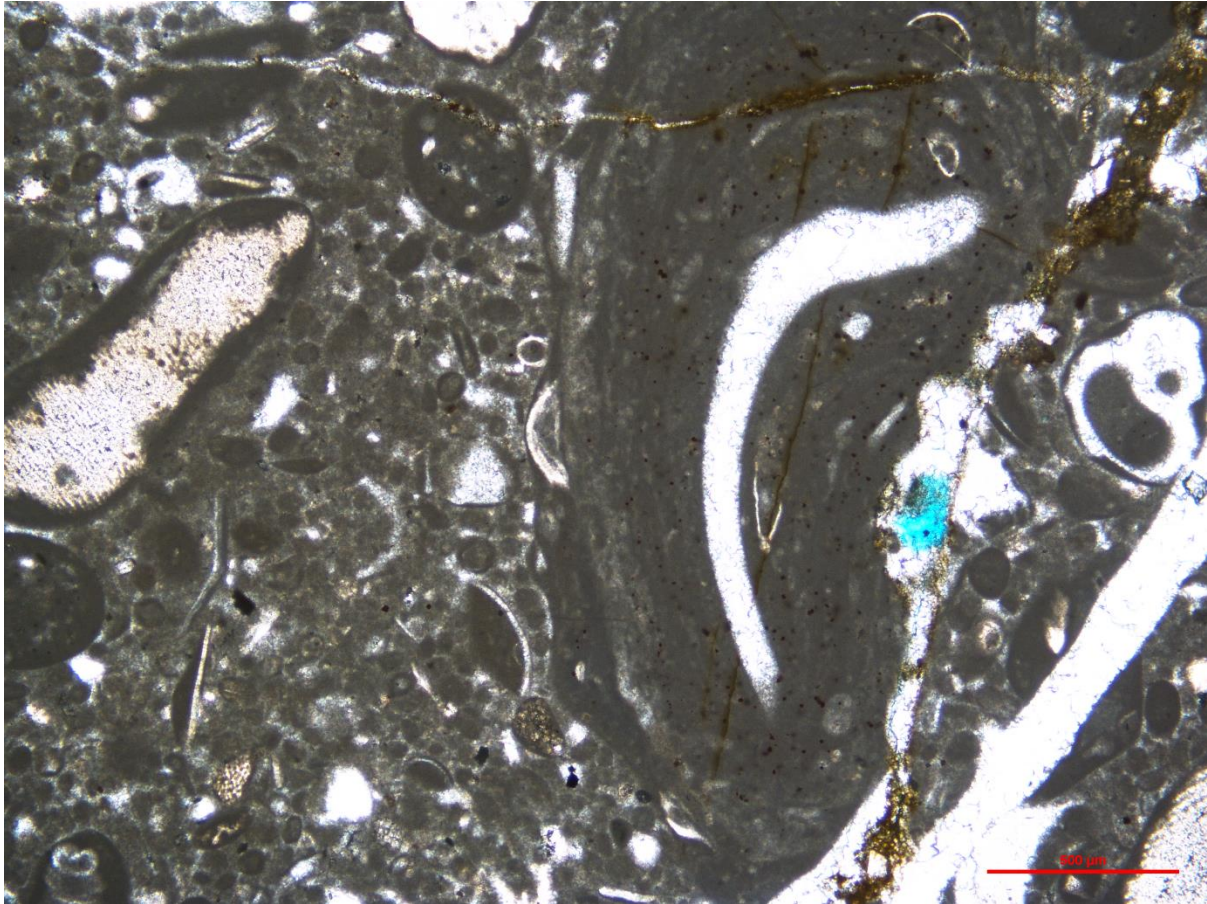


Exercise 4



Origin	
Outstanding Feature	
Dunham Classification (grains < 2mm)	
Embry and Klovan Classification (grains > 2mm)	
Common Grains	
Fabric and Sorting	
Cement & diagenetic fabric	
Porosity	
Depositional Setting (Flügel, 2010)	
Diagenetic history	

Exercise 4 (Answer)



Origin	Lower Jurassic, Morocco
Outstanding Feature	Oncoids and peloids
Dunham Classification (grains < 2mm)	Oncoidal peloidal packstone to grainstone
Embry and Klovan Classification (grains > 2mm)	-
Common Grains	Peloids, forams, bryozoans, oncoids
Fabric and Sorting	Grain-supported and poorly sorted
Cement & diagenetic fabric	Calcite (intraparticle)
Porosity	Intraparticle
Depositional Setting (Flügel, 2010)	Protected lagoon
Diagenetic history	Microbial micritization (micrite envelopes), grain dissolution and calcite cementation, and later stage dissolution