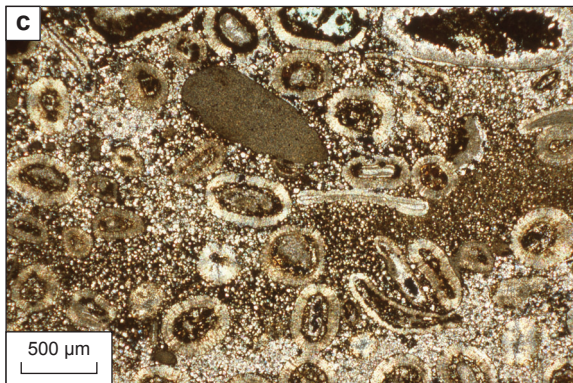


**Plate 4: Marrat Sequence IV**



**Plate 4:** (a) Present-day analog of micro-gastropod *Peringia ulvae* Pennant with its trail in the intertidal domain, Arcachon Bay (Le Nindre, 1971) and (b) specimens collected in December 2018. This microgastropod forms specific facies in the upper intertidal domain and may be accumulated in the millions.



**Plate 4:** (c) Photomicrograph of wackestone-packstone with fibrous-radial oolites on micritised bioclast nuclei, top carbonate of Upper Marrat Member (Sample JMA82-116, natural light), Khashm adh Dhibi, Darma' Quadrangle.