

***Interactive comment on “The Gela Basin
pockmark field in the strait of Sicily
(Mediterranean Sea): chemosymbiotic faunal and
carbonate signatures of postglacial to modern
cold seepage” by M. Taviani et al.***

Anonymous Referee #1

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The manuscript presents a good contribution to the scientific progress, describing with a good detail the geomorphological characteristics of the study area. The scientific quality is excellent, concerning the aspects related to the geophysical exploration of the area and for the accurate and precise description of the recovered taxa. The sampling methodology and the use of the dredge in the preliminary phase could have altered some of the final considerations about the creation of a facies named DECAMOL. Such facies has little evidence in the sediment cores. Furthermore, fig. 7A shows the results of a haul, which is not the most suited instrument for the analysis of the sea

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bottom. MEDCOR-78 station sampled a large area of the bottom, providing a non-homogeneous material. Curious is also the idea of cleaning the sediment using the dredge. The scientific results are well presented, with an adequate number and quality of the figures.

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