

## **9 Post - Messinian/Zanclean, Zanclean/Piacenzian and Piacenzian/Gelasian GSSPs Excursion**

**Excursion Leader: Antonio Caruso**

Proposed Excursion Dates: 9-12 July 2023

Draft Itinerary: Palermo-Eraclea Minoa (AG), Capo Rossello- Scala dei Turchi (AG), Agrigento Valle dei Templi-Monte San Nicola (Gela)

Definitive cost per head: €350-400

Accommodation arrangements: Hotel

### **Proposer Contact Details:**

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### **Description**

Eraclea Minoa (Messinian-Zanclean GSSP)

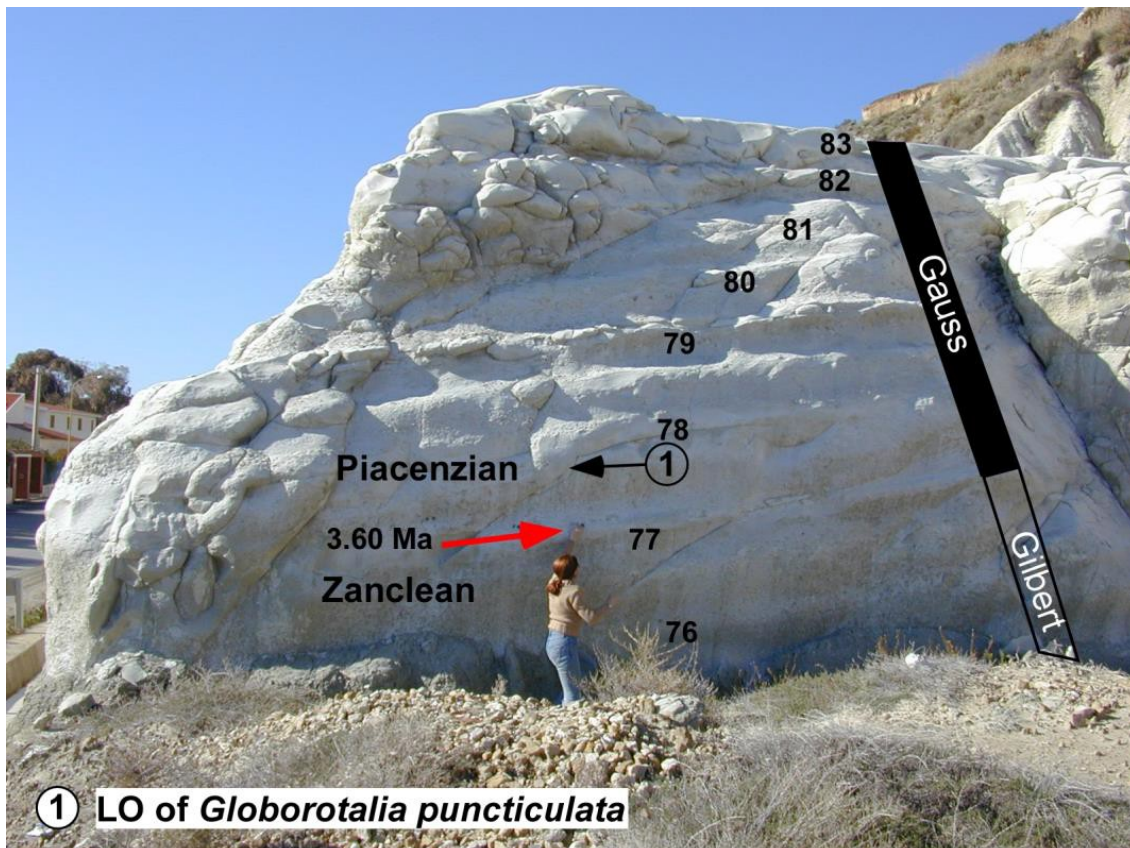
The Eraclea Minoa section, located on the SW coast of Sicily is probably one of the most famous section for the study of the Messinian Salinity Crisis. It provides a complete sedimentary record from the onset of the MSC up to the restoration of the normal marine conditions and contains the Messinian-Zanclean GSSP.





Capo Rossello (Scala dei Turchi and Zanclean/Piacenzian GSSP)

The Capo Rossello area represents one of the most beautiful and complete sedimentary successions of upper Messinian to lower Pleistocene. At Punta Piccola section the Zanclean/Piacenzian GSSP is present. Hilgen (1991a; 1991b) proposed an Astronomical Time Scale (ATS) for the whole lower-middle Pliocene.



## Piacenzian/Gelasian GSSP (Monte San Nicola)

The area of Monte San Nicola [MSN], located few km NW of Gela (Fig. 29-31), hosts extensive outcrops of Pliocene and Pleistocene marine and the Gelasian GSSP is defined at the sapropel Nicola Bed.

