Field excursion
The Triassic of western Sicily

September 15, Wednesday, Day 1 of the excursion
8.30 Meeting point Museo Gemmellaro.
8.45 Departure by bus.
Carnian to Lower Jurassic successions from the Panormide Platform and Imerese Basin (Palermo Mountains). The following outcrops will be visited:
- Cozzo di Lupo, the Late Triassic shelf-edge of the Panormide Carbonate Platform;
- Billiemi quarry, synsedimentary tectonics along the Panormide Carbonate Platform margins;
- Cozzo Paparina, Carnian deposits (Mufara Formation) with megabreccia intercalations;
Monte Genuardo, tectonic retreat of a segment of the Triassic paleomargin of the Saccense carbonate platform around the T/J boundary.
Field leaders: Di Stefano P., Cacciatore M. S., Scopelliti G. and Zarcone G.
Dinner and overnight: Convento dei Cappuccini (Bivona).

September 16, Thursday, Day 2 of the excursion
Carnian to Rhaetian succession of the Sicanian Basin at Pizzo Mondello.
Four intervals will be visited: the Late Carnian-Early Norian, that is of great interest for the definition of the C/N boundary, the Middle Norian, the Late Norian and the Rhaetian.
On the way to Palermo, panoramic views of some other successions of the "cherty limestone" will be observed.
Field leaders: Balini M., Bertinelli A., Guaiumi C., Levera M., Mazza M., Muttoni G., Nicora A., Preto N. and Rigo M.
Arrival in Palermo in mid-late afternoon (approximately 18.00).

Location

Workshop
New Developments on Triassic Integrated Stratigraphy
Museo Geologico “G. G. Gemmellaro”, Palermo, Sicily, Italy,
September 12-16, 2010

Co-sponsors:
Subcommission on Triassic Stratigraphy, International Commission on Stratigraphy
Università degli Studi di Palermo
Università degli Studi di Milano
Comune di Bivona

Location

Succession of the Sicano Basin at Pizzo Mondello.

Succession of the Sicano Basin at Pizzo Mondello.
Session 1. Western Tethys stratigraphy, dedicated to the memory of the late Giovanni Viel (1944-2009)

9,20-9,30 Farabegoli E. — Dedication to Giovanni Viel.
9,30-9,50 Farabegoli E. — Anisian lithostratigraphy of the Dolomites: a 40-years-long debate.
9,55-10,15 Binda M., Berra F. and Jadoul F. — Calcare Rosso: key witness of the Ladinian carbonate platform exposure (Pegherolo Massif, Southern Alps).
10,45-11,05 Gianolla P., Mietto P., Rigo M., Roghi G. and De Zanche V. — Carnian-Norian paleogeography in the eastern Southern Alps.
11,10-11,30 Coffee break
11,30-11,50 Martin-Rojas I., Somma R., Delgado F., Estévez A., Iannace A., Perrone V. and Zamparelli V. — Sequence stratigraphy analysis of Triassic carbonate platform. An example from the Betic Cordillera Internal Zone (Spain).
11,55-12,15 Somma R., Martin-Rojas I., Zamparelli V., Delgado F., Estévez A., Iannace A. and Perrone V. — Significance of Ladinian foraminfer-rich guide levels in the Betic Internal Zone (Spain).
12,30-14,30 Lunch
13,30-14,50 Gale L. — Upper Triassic sedimentation of the Slovenian Basin (eastern Southern Alps, Slovenia) and its foraminiferal assemblage.

Session 2. Biostratigraphy, integrated stratigraphy and Triassic scales

15,45-16,10 Farabegoli E. & Perri M.C. — The end-Permian mass extinction.
16,15-16,30 Coffee break
16,30-18,00 Poster session

Balini M., Krystyn L., Levera M. & Tripodo A. — Late Carnian-Early Norian ammonoids from the GSSP candidate section Pizzo Mondello (Scani Mountains, Sicily).
Bertinelli A. & Giordano N. — Radiolarian assemblages from the Norian GSSP candidate Pizzo Mondello section (Scani Mountains, Sicily).
Cacciatorre M.S., Todaro S., Zarcone G. & Di Stefano P. — *Triasina hantkeni* limestones from Western Sicily.
Levera M. & McRoberts C.A. — Halobid bivalves as a tool for high resolution correlation between Carnian-Norian successions in Tethys and Panthalassa: a potential datum for a base-Norian GSSP.
Preto N., Rigo M., Agini C., Gualimi C., Borello S. & Westphal H. — Triassic and Jurassic calcareous nannofossils of the Pizzo Mondello section: potential for biostratigraphy.
Rigo M., Preto N., Bosscaii N., Cognolato A., Franceschi M., Gualimi C. & Osti G. — Stratigraphy of the Carnian — Norian Carcari con Selce in the Lagonegro Basin (Southern Apennines) and correlation with the Scani Basin.

September 14, Tuesday

Session 2. Biostratigraphy, integrated stratigraphy and Triassic scales.

9,00-9,20 Kozur H.W. & Bachmann G.H. — Correlation of the predominantly continental Upper Triassic of the Germanic Basin with the Tethyan scale.
9,25-9,45 McRoberts C. — Paleoeocological controls on Triassic flat clam biochronology.
9,50-10,10 Kozur H.W. & Weems R.E — The conchostracan zonation of the Upper Triassic and basal Jurassic. Age of the CAMP volcanics in the Newark Supergroup.
10,15-10,40 Coffee break

Session 3. Towards the definition of the GSSP of the Norian stage.

10,40-11,00 Guidoni C., Preto N. & Westphal H. — Origin of Upper Triassic deep water carbonate at Pizzo Mondello (Sicily).
11,05-11,25 Levera M. — An overview of the Sicilian halobids from the Carnian-Norian boundary interval through the Pizzo Mondello fauna: useful proxies for the Norian GSSP.
11,30-11,50 Balini et al. Bio-chronostratigraphic calibration of the Upper Carnian-Lower Norian magnetostratigraphic scale at Pizzo Mondello (Scani Mountains, Sicily).
11,55-12,15 Mazza M., Cau A. & Rigo M. — Application of numerical cladistic analyses to the Carnian-Norian conodonts: a new approach for phylogenetic interpretations.

12,30-13,40 Lunch
14,30-14,50 Krystyn L. — Long distance marine biotic correlation events around the Carnian-Norian boundary: choice of Halobia austriaca as the defining boundary marker.
15,45-16,05 Orchard M.J. & Carter E.S. — The Carnian-Norian boundary in Haida Gwaii: preliminary observations on the conodont faunas and their calibration with radiolarians.
16,10-16,30 Coffee break
16,30-18,00 Business Meeting of the STS

Evening: Social Dinner (Please contact the workshop desk for information).