Ber. Inst. Erdwiss. KFUniv. Graz	ISSN 1608-8166	Band 20/1	Graz 2014
PANGEO AUSTRIA 2014	Graz, 14. September 2014 – 19. September 2014		

## Geochemistry and tectonostratigraphy of a Carnian-Norian open-marine Hallstatt limestones section in the Budva Zone (Montenegro)

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In the Budva zone of Montenegro deposition of hemipelagic sediments started in the Late Anisian to ?Early Ladinian with dark grey radiolarian cherts. Ladinian radiolarite deposition gradually passed to open-marine limestone deposition, similar to deep-water Hallstatt limestone successions elsewhere in the Alpine/Carpathian/Dinaride realm. During Carnian to Early Norian a more than 50 metres thick sequence is characterized by (1) a long lasting sub-marine gap (Mid Carnian to early Late Carnian), and (2) a thick middle Late Carnian to Early Norian succession with two intercalated polymictic breccia horizons (one around the Tuvalian 2/3 boundary and another from the Carnian/Norian boundary onwards during the Lacian 1-2).

The trend of the open-marine Hallstatt limestone succession in the Budva zone can be directly correlated with other high resolution Hallstatt limestone successions, dated by means of conodonts in the e.g. Eastern Alps, West Carpathians, Dinarides and Turkey. A deposition in an independent deep-water basin, which should be connected to the Mirdita-Pindos oceanic realm, is not reflected by depositional characteristics, tectonostratigraphic events, isotope excursions or the paleo-seawater geochemistry.

Acknowledgement: This study is founded by the FWF Hertha-Firnberg project of the Austrian Science Fund T533-N21. Preliminary examinations OEAD-WTZ project SI 05/2007.

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