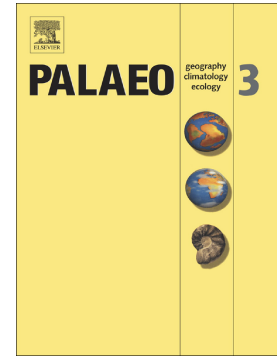


Accepted Manuscript

Windward and leeward margins of an Upper Ordovician carbonate platform in the Central Tarim Uplift, Xinjiang, northwestern China

Yuanyuan Zhang, Yue Li, Guan Wang, Axel Munnecke



PII: S0031-0182(16)30925-7
DOI: doi: [10.1016/j.palaeo.2016.12.040](https://doi.org/10.1016/j.palaeo.2016.12.040)
Reference: PALAEO 8128

To appear in: *Palaeogeography, Palaeoclimatology, Palaeoecology*

Received date: 31 January 2016
Revised date: 23 December 2016
Accepted date: 24 December 2016

Please cite this article as: Yuanyuan Zhang, Yue Li, Guan Wang, Axel Munnecke , Windward and leeward margins of an Upper Ordovician carbonate platform in the Central Tarim Uplift, Xinjiang, northwestern China. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Palaeo*(2016), doi: [10.1016/j.palaeo.2016.12.040](https://doi.org/10.1016/j.palaeo.2016.12.040)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Windward and leeward margins of an Upper Ordovician carbonate platform in the Central Tarim Uplift, Xinjiang, northwestern China

Yuanyuan Zhang^{a,*}, Yue Li^a, Guan Wang^b, Axel Munnecke^c

^a Key Laboratory of Economic Stratigraphy and Palaeogeography (NIGP, CAS), Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences, Nanjing 210008, P R China, Nanjing 210008, P R China

^b South China Sea Institute of Oceanology, Chinese Academy of Sciences, Guangzhou, 510301, P R China

^c GeoZentrum Nordbayern, Fachgruppe Paläoumwelt, Loewenichstr. 28, D-91054 Erlangen, Germany

* Corresponding author (Zhang YY); E-mail address: yuanyuanzh85@163.com

Abstract

In the Central Uplift of the Tarim Basin, northwestern China, the Katian (Upper Ordovician) limestones of the Lianglitag Formation extend from outcrops in the Bachu area to the subsurface in the Tazhong Oil Field (TZOF) area. Reefs and inner platform deposits are the dominant facies throughout the formation. The reef composition illustrates a palaeoecologic gradient from microbial-dominated buildups on the northwestern margin to metazoan-dominated reefs on the eastern and southern margins of the platform. Between these areas no outcrops are present. In the present study, data including litho- and biofacies logs and correlations from eight wells are presented, six of them of the region between Bachu and Tazhong, and two wells along the former platform margin from the TZOF. Calcimicrobial carbonates are common in core from the inner

Download English Version:

<https://daneshyari.com/en/article/5755954>

Download Persian Version:

<https://daneshyari.com/article/5755954>

[Daneshyari.com](https://daneshyari.com)