Accepted Manuscript

Tentative identification of diagenetic products of cyclic biphytanes in sedimentary rocks from the uppermost Permian and Lower Triassic

Ryosuke Saito, Kunio Kaiho, Masahiro Oba, Jinnan Tong, Zhong-Qiang Chen, Li Tian, Satoshi Takahashi, Megumu Fujibayashi

PII:	S0146-6380(17)30303-0
DOI:	http://dx.doi.org/10.1016/j.orggeochem.2017.04.013
Reference:	OG 3549
To appear in:	Organic Geochemistry
Received Date:	4 March 2016
Revised Date:	3 February 2017
Accepted Date:	25 April 2017



Please cite this article as: Saito, R., Kaiho, K., Oba, M., Tong, J., Chen, Z-Q., Tian, L., Takahashi, S., Fujibayashi, M., Tentative identification of diagenetic products of cyclic biphytanes in sedimentary rocks from the uppermost Permian and Lower Triassic, *Organic Geochemistry* (2017), doi: http://dx.doi.org/10.1016/j.orggeochem. 2017.04.013

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.

ACCEPTED MANUSCRIPT

Tentative identification of diagenetic products of cyclic biphytanes in sedimentary rocks from the uppermost Permian and Lower Triassic

Ryosuke Saito^a*, Kunio Kaiho^a*, Masahiro Oba^a, Jinnan Tong^b, Zhong-Qiang Chen^b, Li Tian^b, Satoshi Takahashi^a Megumu, Fujibayashi^c

^a Institute of Geology and Paleontology, Tohoku University, Sendai 980-8578,

Japan

^b State Key Laboratory of Biogeology and Environmental Geology, China University of Geosciences, Wuhan 430074, China

° Department of Biological Environment, Akita Prefectural University, Akita 010-0185, Japan

ABSTRACT

Biphytanes, which are derived from glycerol dialkyl glycerol tetraether

(GDGT) lipids, are biomarkers for the presence of Archaea in geological samples.

They (especially cyclic structures) are rarely reported from sediments or oils

Download English Version:

https://daneshyari.com/en/article/5161365

Download Persian Version:

https://daneshyari.com/article/5161365

Daneshyari.com