

# Journal of Micropalaeontology

Volume 36, Part 1, January 2017

## CONTENTS

### Editorial

Alan Lord

1

### Thematic set: *Cyprideis torosa*

#### ***Cyprideis torosa*: a model organism for the Ostracoda?**

Patrick De Deckker & Alan Lord

3

#### **Dedication: Dr Amnon Rosenfeld (1944–2014)**

Dietmar Keyser & Avraham Honigstein

7

#### **On the origins of *Cyprideis torosa* (Jones, 1850) and a short biography of Professor T. R. Jones**

Michael R. Frogley & John E. Whittaker

8

#### **Historical development of nomenclature and taxonomy of *Cyprideis torosa* (Ostracoda)**

Eugen Karl Kempf

13

#### **On the modern distribution of the euryhaline species *Cyprideis torosa* (Jones, 1850) (Crustacea, Ostracoda)**

Karel Wouters

21

#### ***Cyprideis* (Crustacea, Ostracoda) in Australia**

Isa Schön, Stuart Halse & Koen Martens

31

#### **Trace-element and stable-isotope composition of the *Cyprideis torosa* (Crustacea, Ostracoda) shell**

Jonathan A. Holmes & Patrick De Deckker

38

#### **Combining the Mg/Ca of the ostracod *Cyprideis torosa* with its ontogenic development for reconstructing a 28 kyr temperature record for Lake Banyoles (NE Spain)**

G. Wansard, P. De Deckker & R. Julià

50

#### **Salinity-dependent sieve pore variability in *Cyprideis torosa*: an experiment**

Peter Frenzel, Judith Ewald & Anna Pint

57

#### **Salinity-driven size variability in *Cyprideis torosa* (Ostracoda, Crustacea)**

Ian Boomer, Peter Frenzel & Martin Feike

63

#### **Is the occurrence of a sigmoidal ventral border in *Cyprideis torosa* (Jones) valves linked to salinity? A morphometrical analysis approach**

F. Grossi, S. Da Prato & E. Gliozzi

70

#### **The Neogene Mediterranean origin of *Cyprideis torosa* (Jones, 1850)**

Elsa Gliozzi, Julio Rodriguez-Lazaro & Radovan Pipik

80

#### ***Cyprideis torosa* (Jones, 1850) in mainland Portugal: what do we know?**

M. C. Cabral, F. Fatela, V. Lopes, M. C. Freitas & C. Andrade

94

#### **Ostracod fauna associated with *Cyprideis torosa* – an overview**

Anna Pint & Peter Frenzel

113

#### **New occurrences of *Cyprideis torosa* (Crustacea, Ostracoda) in Germany**

Burkhard Scharf, Michael Herzog & Anna Pint

120

#### ***Cyprideis torosa* (Jones, 1850) in its type area and stratigraphical context: potential for mapping the freshwater/estuarine boundaries of the Thames–Medway river system in the MIS 9 and MIS 11 interglacials**

David J. Horne, Ginny Benardout & John E. Whittaker

127

Abstracted and/or indexed in *Current Contents*, *Science Citation Index*, *GeoArchive*, *GeoRef*, *Geobase*, *Geological Abstracts* and *CABS (Current Awareness in Biological Sciences)*

