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. Flegal & 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
Iva Schon, Stuart Halas & 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. De Prato & E. Gliozzi 70

The Neogene Mediterranean origin of Cyprideis torosa (Jones, 1850)
Elsa Gliozzi, Julio Rodríguez-Lázaro & 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 Schaf, Michael Herzig & Anna Pint 120

Cyprideis torosa (Jones, 1850) in its type area and stratigraphical context: potential for mapping the freshwater/submarine 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)