CONTENTS

Title and author(s)	Pages
REVIEW OF SCIENCE EDUCATION RESEARCH AND PRACTICE	
The learning and teaching of the concepts 'amount of substance' and 'mole'. A review of the literature C. Furió, R. Azcona, and Y.J. Guisasola	277-292
RESEARCH REPORTS	
Pre-service primary teachers' mental models of kinetic theory <i>N. Taylor & R.K. Coll</i>	293-315
Student teachers' problems in teaching 'electrolysis' with a key demonstration** M. Ahtee, T. Asunta & H. Palm	317-326
** This paper is from 5 th ECRICE and has not been reviewed anonymously.	

SPECIAL SECTION: PAPERS FROM THE 6^{TH} ECRICE/ 2^{ND} ECCE&

INVITED CONTRIBUTION

Research and research utilization in chemical education *R. Kempa*

327-343

REVIEWED CONTRIBUTIONS ***

THE PRACTICE OF CHEMISTRY EDUCATION: PAPERS

Teachers' continuing learning of chemistry: Some implications for science 345-359 teaching

A. Goodwin

276 CONTENTS

THE PRACTICE OF CHEMISTRY EDUCATION: REPORTS

Securing the future of chemistry: A case study of developments in chemical 361-369 education in Ireland

P.E. Childs

*** These papers have NOT been reviewed anonymously

NEWS AND ANNOUNCEMENTS	371-374
REVIEWERS, VOLUME 3, 2002	375
CONTENTS, VOLUME 3, 2002	377-380
AUTHOR INDEX, VOLUME 3, 2002	381-382
SUBJECT INDEX, VOLUME 3, 2002	383-384

^{*} Actual publication date: 6 November 2002

& A NOTE ABOUT SUBMISSIONS FROM 6th ECRICE/2nd ECCE

In response to the *Call for Papers* for *Special Sections* with papers from 6th ECRICE/2nd ECCE (that took place in September 2001, in the University of Aveiro, Aveiro, Portugal), a total of 23 manuscripts were received, one as invited contribution, the rest to undergo the standard review process. In addition, one author agreed not to submit because of the paper being not suitable for CERAPIE. Three papers appear in this issue. From the remaining 20 manuscripts:

- 4 were returned to the authors by the editor as unsuitable for CERAPIE;
- 1 was rejected after review;
- 2 were returned (without review) to the authors by the editor, with advice for improvement but have not been received so far;
- 2 were resubmitted after advice for improvement by the editor, and, after review, they must be resubmitted in revised form;
- 8, after review, must be resubmitted in revised form;
- 3 are under review, of which 2 after revision.

It is expected that the next issue of CERAPIE will include further papers from 6^{th} ECRICE/ 2^{nd} ECCE. Note that most authors submitted their manuscripts toward the end of the deadlines; this has contributed to the overall delay of the review process. Finally, CERAPIE thanks all authors who have responded to its Call.