

The background of the cover is a black and white photograph of a geyser erupting. The geyser is the central focus, with a large, billowing plume of white steam or water rising from a rocky vent. The surrounding landscape is dark, with a dense line of evergreen trees in the background. The overall tone is dramatic and naturalistic.

THE

*Mercian
Geologist*

Vol. 12, no. 2,
March, 1991

Echinus
Geyser

EAST MIDLANDS GEOLOGICAL SOCIETY

**THE
MERCIAN
GEOLOGIST**

Editor: R.J. Firman.

Volume 12

Number 2

March 1991

THE EAST MIDLANDS GEOLOGICAL SOCIETY

Council 1990/91

- President:** Mrs. W.M. Wright.
Vice-President: I.D. Sutton, B.Sc., Ph.D.
Secretary: Mrs S. Milès, LLB
Treasurer: H.G. Fryer, B.A., C.Eng., M.I.C.E.
Editor: Vacant
Other Members: N. Aitkenhead, B.Sc., Ph.D., F.G.S.
R.J. Aldridge, B.Sc., Ph.D.
P. Baker, B.Sc., Ph.D., M.I.Geol.
J.F. Bush, B.Sc., C.Eng., F.R.Ae.S., F.B.I.M.
M.T. Dean, B.Sc., M.Phil.
A.K. James, B.Sc.
Mrs. J. Rigby, B.Sc.
F.M. Taylor, B.Sc., Ph.D.
A.E. Thomas, B.A., B.Sc., M.B., Ch.B., F.R.C.P.
J. Wood, M.A.

Address for Correspondence:

General information, membership details: The Secretary,
East Midlands Geological Society,
The Little House,
The Maltings,
Cropwell Bishop,
Nottingham NG12 23DA
Tel. No. (0602) 892371.

©—1991 East Midlands Geological Society

ISSN 0025 990X

Printed by the Nottingham University Press

Front cover: Echinus Geyser, Norris Geyser Basin. The geyser erupting at about half normal strength.

CONTENTS

		Page
GUTTERIDGE, P.	Revision of the Monsal Dale/Eyam Limestones boundary (Dinantian) in Derbyshire.	71
WALTHAM, A.C.	Geological influences on radon in houses in Nottinghamshire.	79
BROWN, D.S. & KEEN, J.A.	An extensive marine vertebrate fauna from the Kellaways Sand (Callovian, Middle Jurassic) in Lincolnshire.	87
SUTTON, I.D.	A continental hot-spot.	97
East Midlands Geological Society:		
MILES, S.	Secretary's report for 1989/90.	107
Excursion report:		
DEAN, M.T., FRYER, H.G. & WRIGHT, W.M.	The week's excursion to west central Wales.	109
Book review:		
BOWEN, R.	Geothermal resources. Reviewed by D.A.V. Stow.	115
BARKER, A.J.	Introduction to metamorphic textures and microstructures. Reviewed by M.T. Styles.	115
MOSELEY, F. (Ed.)	The Lake District (G.A. Guide). Reviewed by I.D. Sutton.	116
COOPER, M.P. & STANLEY, C.J.	Mineral of the Lake District: Caldbeck Fells. Reviewed by I.D. Sutton.	117
Addenda:		
1984 WEA CLASS	Ode to a thrust.	118