

MERCIAN

Geologist

VOLUME 17 PART 1 AUGUST 2008

East Midlands Geological Society

President

John Travis

Vice-President

Ian Thomas

Secretary

Janet Slatter

Treasurer

Colin Bagshaw

Editorial Board

Tony Waltham

Andy Howard

John Carney

Tony Morris

Alan Filmer

Gerry Slavin

Council

David Bate

Judy Rigby

Tim Colman

Duncan Short

Paul Guion

Gerry Slavin

Richard Hamblin

Ian Sutton

Sue Miles

John Wolfe

Correspondence

The Secretary, E.M.G.S., 100 Main Street,
Long Whatton, Loughborough LE12 5DG
01509 843297 secretary@emgs.org.uk

Mercian Geologist is printed by John Browns, and is published by the East Midlands Geological Society.

No part of this publication may be reproduced in printed or electronic medium without the prior consent of the Society.

© 2008 East Midlands Geological Society

Registered Charity No. 503617

Front cover: Chatsworth House, in Derbyshire, seen beyond its bridge across the River Derwent. See the report on page 27. Photo: Tony Waltham.

Back cover: A few of the ornamental stones, building stones and minerals from Chatsworth House, taken from the report on pages 27-42.

Contents

Mercian News	2
Geobrowser	3
The National Stone Centre	5
The Record	6
Members' Evening, 2008	7
Peter Worsley	11
Pleistocene and Flandrian natural rock salt subsidence at Arclid Green, Sandbach, Cheshire	
John Jones	19
The Big Hole of Starkholmes	
Michael J.Czajkowski	23
Formation of St. John's Hill, Gruczno, Poland	
Ian Thomas and Mick Cooper	27
The geology of Chatsworth House, Derbyshire	
John Carney, John Aram and Tony Waltham	43
Two notable earthquakes in 2008	
Reports	
Lincolnshire plesiosaurs: John Aram	48
Black cave pearls: John Jones	50
Update on Charnian Fossils: Helen Boynton	51
Valle de la Luna, Chile: Alan Filmer	54
Strokkur, Iceland: Tony Waltham	55
Excursion - Midlands oilfields: Paul Guion	56
Lecture - Marie Stopes: Howard Falcon-Long	61
Book Reviews	63
Theme review - Charnia: Trevor Ford	66
Bibliography of Nottingham's caves	68