MERCIAN Geologist

VOLUME 21 PART 2 NOVEMBER 2025

East Midlands Geological Society

President
Mike Allen

Vice-President
Vacant

Secretary
Vanessa Banks

Treasurer
Robert Brown

Editorial Board
David Bate
John Carney
Sue Cotton
Alan Filmer
Joanna Thomas
Tony Waltham

Council
Peter Beastall
Mark Barron
Tim Colman
Richard Hamblin
Andy Howard
Peter Jones
Sue Miles
Tim Pharaoh
Janet Slatter
Ian Sutton
Joanna Thomas
Geoff Warrington

Correspondence
Society Secretary, 1 Clifford Close,
Keyworth, Nottingham NG12 5GR
0115 936 3531 (work) secretary@emgs.org.uk

Mercian Geologist Editor,
10 Mount Pleasant, Keyworth NG12 5EQ
dgba@bgs.ac.uk

Mercian Geologist is printed by Tompkin Press, and published by the East Midlands Geological Society.

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

ISSN 0025 990X
© 2025 East Midlands Geological Society
Registered Charity No. 503617

Front cover: Bare limestone exposed in the scar at Vaiont, in the Italian Alps, where the face of the mountain failed as a great landslide that fell into a reservoir to generate a catastrophic tsunami (photo: Tony Waltham, see page 110)

Contents

Geobrowser 62

Peter Worsley **67**
Allan Straw's contribution to Lincolnshire Quaterary geology

Colin Baker **79**
Little Matlock Gorge, Bradgate Park: a review of drainage discordance in Charnwood Forest

Stephen K. Donovan & David A. T. Harper **91**
A beachcomber's guide to neoichnology, part 1: macroborings

Stephen K. Donovan & Donovan J. Blissett **96**
A popular review of the Cainozoic trace fossils of Jamaica

Tony Waltham **103**
Tsunamis with non-tectonic sources

Reports

A fossilised Jurassic tree stump in Markeaton Park, Derby: Stephen D. Leach & Martin J. Whiteley 112

Understanding the geochemical variability of flint across spatial scales from micrometers to kilometers: Simon Chenery, Sue Cotton, Daryl Garton & Ian Ross 115

Stone stripes on the Falkland Islands: Tony Waltham 119

Problematic Cambrian acritarchs and the evolution of the phytoplankton - a summary: Freya Douglas 123

East Midlands Geological Society 60th Anniversary Conference, 12 October 2024 125

British Triassic palaeontology 47: Geoffrey Warrington 130

Secretary's report 2024/5: Vanessa Banks 131

Rock, ice and minerals in Greenland: Tony Waltham 132