CONTENTS

Martin H. P. Bott & Frederick W. Smith
The role of the Devonian Weardale Granite in the emplacement of the North Pennine mineralization 1

John N. Carney & Keith Ambrose
A window into the Cambrian basement and early Carboniferous sedimentation of the Hathern Shelf: the British Geological Survey borehole at Ticknall, South Derbyshire, UK 16

John H. Powell, Peter F. Rawson, James B. Riding & Jonathan R. Ford
Sedimentology and stratigraphy of the Kellaways Sand Member (Lower Callovian), Burystoke, North Yorkshire, UK 36

Duncan McLean, David J. Bodman, Peter Lucas & Janine L. Pendleton
An incertae sedis organic-walled microfossil from the Mississippian (Early Carboniferous): Kirby Misperton-1 borehole, North Yorkshire, UK 51

S. K. Donovan
Taphonomy of a Mississippian crinoid pluricolumnal, Newton Grange, Derbyshire, UK 59

Patrick Boylan
Obituary: Professor John Alfred Catt (1939–2017) 64

Yorkshire Geological Society Registered Charity No. 220014 Society Proceedings 2017 66