

Index

Mercian Geologist, Volume 4

- ABBOTT, B.M. 209
Acanthaster planci 84
Acanthothyris crossi 241
Actinoclimax plenus 63
Alderley Edge, Cheshire 69-71, 171, 175, 176
Alderley Edge Mineral Assemblage 69, 70
Alderley Red Moulding Sand Quarry 69
ALJUBOURI, Z. 9.
Alsop Moor Limestone 205, 207, 219
Amplexus coralloides 89
Annesley Tunnel 23-27
Antiquatonia sp. 219
Argentiproductus sp. 219
Ashby Hill Chalk Quarry, Lincs. 66
Ashford Beds 179-182, 186, 187, 189, 193
Aust Cliff 235
Aymestry Limestone 1, 5, 6
- Bagshaw Cavern, Bradwell 226
Bakewell Chert 187, 189, 195
Banktop, Hartington 213, 217-221
Barite 25, 69, 167-169, 171-176, 238
Barnstone, Notts. 13-17
Barnstone Railway Cutting 13-17, 101-105
Beacon Lodge Beds 69, 71
Bee's Nest Pit, Brassington 45-49
Beeston Fault 173, 176
Bentonites 1-6
Bibliography 109-137, 247-
Black Marble Beds 187, 188
Blackwell Dale 144
Blisworth Clay 160
Blisworth Rectory Farm Quarry 160
Bollandites cf. castletonensis 215, 221
Bollandoceras sp. 215
Boreholes 1, 70, 85, 91, 143, 174, 176, 198
BOULTER, M.C. 45
Bradgate Brook 149-157
Bramcote 166-167, 169, 171-176, 238
Bramcote Sand Quarry 166, 167, 169, 173
174, 238
Brassington area 45-58, 85
Brassington Formation 62
Brushfield Plateau 184, 186
Bullock Low 213, 219, 221
Bulwell 23, 25, 27, 237
BUTCHER, N.J.D. and FORD, T.D. 179
Calceby Beck 63, 65
Calceola 82
Calcethorpe Till 63
Camarotoechia pleuridon 187
Carboniferous 81-92, 143-147, 165-170, 172,
174, 179-196, 205-207, 213-221, 225-227,
229-230, 237
Carboniferous Limestone 81-92, 143-147, 179-
196, 205-207, 213-221, 225-227, 229, 230
Carcinophyllum sp. 219
Carstone 63-66
Castleton 89, 91, 225-227
Chalk 29-33, 63-66
Charnwood Forest 149-156
"Causes of Unreliability in Microfossil Samples" 197
Cave Research Group 226
Caves 225-227
Chee Tor Beds 143, 144, 181-183, 205
Chemical method 29
Chert 92, 143, 187, 189, 195, 214, 217, 221
Cherty Limestone Series 184, 185, 188
Cheshire 69-71, 171, 175, 176
Chirotherium 70
Chonetes sp. 187
Church Quarry, Alderley 71
Cinnabar 42
Claxby Ironstone 66
Claxby Mill Hill Quarry 65
Clearwell Scowles 234
Clifton Fault 167, 169, 172-175
Coal Measures 165, 166, 172, 174, 229, 237
Coalbrookdale Beds 1
Coates Quarry, Much Wenlock 1-6
Collenia 89
Colston Bassett 41-43
Colwick, Nottingham 239
Coombsdale, Derbyshire 85, 187
COPE, F.W. 143
Coral Reef Populations 84, 89
Corals 81-92, 147, 209-211
Cotham Beds 101, 103, 105, 235
Cover Sands 67
Cranford North Ironstone Pit, Northants. 159
Crawshaw Sandstone 176
Cressbrook Dale 181-185, 189, 192, 194, 195
Cressbrook Tunnel and Cutting 195
Cretaceous 16, 29-33, 63-67
Cropston Reservoir, Leics. 149-156
Crosby Warren Ironstone Mine, Scunthorpe 241
Crossdale Head Quarry 147, 186
Crowdecote, Derbyshire 213-221
CUMMINS, W.A. and POTTER, H.R. 149
Cyathaxonia 87

- Dalatias* sps. 15-17
Dalatias barnstonensis 13-17
 Dalatiidae 13-17
Davidsonina septosa Bed 85, 91, 143
Davidsonina sps. 143, 205, 215, 221
 Davisiella Beds 143
Davisiella llangollensis 144
 Derbyshire 45-58, 81-92, 143-147, 205-207,
 213-221, 225-227
Diphyphyllum sps. 85, 185, 186
Dibunophyllum sps. 185, 186, 215, 219
 Dibunophyllum zone 143, 181
Dictyclostus semireticulatus 215, 217, 219
 Dimmins Dale 181, 183, 184, 191
Discoidea cylindrica 65
 Dolomite 6, 25, 85, 175, 237
 Dolomitic Limestone 23-26
 Dolomitisation 85, 144
 Donington-on-Bain Quarry 65
- East Bridgford Gypsum horizon 9
Echinoconchus sp. 215
 Edge Hills Sand Quarry 233
 Egginton 107-108
Elephas primigenius 107-108
 ELLIOTT, R.E. "Permo-Triassic Stratigraphy
 of the Great Central Railway cutting,
 north west of Annesley Tunnel, Notting-
 hamshire" 23
 Elsham Sandstone 67
Endolobus sp. 219
 Engine Vein Conglomerates 69, 70
 Engine Vein Mine 70
Entolium orbiculare 65
Eomarginifera sps. 215, 219
 Erewash Valley 173, 174
 Erosion in Keuper Marl 149-156
 Estheria Limestone 103
 Estuarine Series 159
Euestheria minuta 70
 Excursion Reports 63-67, 69-71, 143-147,
 159-160, 193-196, 225-227, 229-235,
 237-239, 241
 Alderley Edge, Cheshire 69
 Castleton Caves 225
 Lincolnshire Wolds 63
 Monsal Dale 193
 North Derbyshire 143
 North Lincolnshire 241
 Northampton Jurassic 159
 Nottingham area 237
 Wye Valley, Herefordshire 229
 Eyam Limestones 186-189, 192
- Faults 69-71, 167-170, 172-175, 189-192,
 205, 213, 215-221
Favosites gothlandicus 209
 Fin Cop Lava 179, 183, 184
 Fish Remains 13-17, 63, 89, 145, 232
 FISHER, M.J. 101
 Floodplain Terrace 107
 FORD, T.D. 109, 193, 225
 FORD, T.D. and BUTCHER, N.J.D. 179
 FORD, T.D., KING, R.J. and SNOWBALL, G.A.
 246
 Forest of Dean 229-231
 Fossils, Middle Jurassic assemblage 159-160
 Friden 45-47, 50
 Frodingham Ironstone 241
 Fulletby, Lincs 63
- Giants Hole 226
Gigantella cf. giganteus 145
 Gigantoproductid Bed 185
Gigantoproductus sps. 179, 188, 195, 215,
 217, 219
Girvanella 89
Girvanella Band 184
Goniatites granosum 187
Goniophyllum 82
 Great Central Railway Cutting, Annesley,
 Notts. 23-27
 Gunthorpe Weir, Notts. 9-11, 238
 Gypsum 9-11, 175, 176, 239
- Halysites* 82
 Hand Dale Beds 205
 Harlequin Formation 9
 Hartington area 205-207, 213-221
 Hayes Quarry, Much Wenlock 1-6
 Hayman's Farm Beds 69, 70
 Headstone Tunnel and Cutting 143, 187, 192-195
 HEATH, R.J. 107
 Hemlock Stone 173, 174, 176, 238, cover Part 3
 Herefordshire 229-235
 High Street Bluestone Surface 65, 67
 Highfields Fault 172-175
 Hob's House Coral Band 179, 181, 185,
 186, 188
 Hobb's Quarries, Longhope 232
Hoplites interruptus 65
 HOULDSWORTH, A.R.E. 165, 171, 237

- Inoceramus* 65
Insect Remains 70
- Jurassic 159-160, 229, 230, 235
- Kelstern Surface 66
Kenslow Top Pit, Friden 45-47
KENT, P.E. 241
Keuper 9-11, 69-70, 149-156, 172-176, 229, 235, 239
- Basement Beds 174
- Marl 9-11, 149-156, 172, 176, 229-235, 239
- Sandstone 69, 70, 175
Kimberley 237
Kimmeridge Clay 63
Kimmeridgian Lower 67
KING, A.D. 197
KING, R.J. 246
Kirkham's Pit, Brassington 61
Kirkleyditch Fault 69
Kirton Lindsay 241
Knollreefs 87-92, 219
- Laboratory techniques, methods 29, 139
Langport Beds 103, 105
Lea Quarry, Much Wenlock 1-6
Lean Low Beds 205, 207
Lees Bottom, Millers Dale 181, 183, 184, 186, 190, 191
Leicestershire 85, 149-156, 247-
Lias 101-105, 229, 235, 241
Lincolnshire 37-40, 63-67, 241
Lincolnshire Limestone 241
Lincolnshire Wolds Localities 63-67
Lingula 179, 189
Linoproductus sps. 219
Lithostrotion sps. 85, 87, 89, 146, 147, 181, 183, 185, 195, 219
Litton Mill, Millers Dale 144, 181, 183
Litton Tuff 184, 185
Litton Tunnel and Cutting 145, 183-185, 194-196
Longstone 143, 147, 187, 193
Longstone Edge Monocline 183, 185, 186, 189-191
Lonsdaleia sps. 85, 186, 188
Lopha 241
- Lower Carboniferous Coral Environments 81
LUDFORD, A., MADGETT P., and SADLER, H.E. 213
Ludwell 213, 217
Lydney Harbour 234
- MADGETT, P. 213
Magnesian Limestone 23-27, 237, 238
Mammoth Molar 107-108
Mancinia 82
Mapperley Plains Skerry 239
Marsh Till 66
Martinia 87
Martinia glabra 187, 219
Meandrina 82
Meteorites 37-43
Michelinia 89
Microflora of Rhaetic 102-105
Microfossils 29-33, 101-105, 197-202
Millers Dale 143-147, 181
Millers Dale Beds 144, 145, 179-186, 190, 191
Millers Dale Lava 144, 145, 179-186, 190, 191, 195
Minerals 6, 25, 27, 69, 70, 82, 85, 92, 144, 145, 167, 175, 176, 195, 221
Moat Hall Syncline 217-221
Monsal Dale Beds 143, 147, 179-196
Monsal Dale Railway Cutting 179-196
MORTON, R.D. and SARJEANT, W.A.S. 37
MOSELEY, F. 97
Mottled Sandstones 23-27, 69-71, 165, 167, 172, 174, 175, 238
Much Wenlock, Shropshire 1
- Nab Hill, Lincs 63
Nailbridge Quarry 233
Namurian Shales 49, 213-215
NAQASH, A. B.al 223
Narrowdale Limestone 205
Neogene Flora 45-58
Neohibilites minimus 65
Nether Alderley Sandstones 69, 71
Nettleton Top Mine and Chalk Quarry 66
Newland, Herefordshire 233
Northampton Sand Ironstone 159
Northamptonshire 159-160
Nottingham 23, 237-239
Nottinghamshire 9-11, 13-17, 23-27, 41-43, 101-105, 165-170, 237-239

- Old Alderley Quarry, Cheshire 70
 Old Red Sandstone 229-235
 Oolite 159-160, 241
Orbiculoidea 189
Orionastraea sps. 85-87, 186-188
- Palaeoecology 81
Palaeosmia sps. 85, 144, 186, 215, 219
 Palynological Processing of Chalk 29-33
 Palynological Residues 139-141
 Palynomorphs 101-105, 139-141, cover Part 2
Pararmioceras 241
 PARKINSON, D. 205
 Parks Barn, Hartington 214-217
Parvirhynchia 241
 Paulerspury Pury End Quarry 160
 Peak Cavern, Castleton 225
 Peak District, bibliography, Supplement 109-137
 Pebble Beds 169, 172-176, 238
 Pecton Bed 241
 Permian 23, 83, 85, 237
 - Breccia 237
 - Marls 23
 Permo-Trias 23-27, 165-176, 237-239
 Permo-Trias of Nottingham area 237-239
 Photogrammetry 223
 Photography in Field Geology 97
 Pilsbury Hills 213, 215, 216
 Pink Bands 63
 PITTHAM, P.A. 159
 Plains Skerry 9, 10
 Plant remains 45-58, 143, 145
Platygyra lamellina 209
Plemus Marl 63-65
 Pliocene 45-58
 Plump Hill, Mitcheldean 232
 Pocket Deposits 45-58
 Potassium Bentonites 1
 POTTER, H.R. 149
 Pre-Planorbis Beds 101-105
 Presidential Address 81
 Priestcliffe Beds 146, 147, 182, 184, 185, 188
 Priestcliffe Syncline 183, 186, 189-191
Productus sps. 187, 217, 219
Pseudopecten aequivalvis 241
 Puddlebrook, Herefordshire 233
- Rates of Erosion 149
 Ravensdale Fault 189, 190
 Ravensdale Tuff 181
 Red Chalk 65, 66
 Red Hill Nature Reserve, Lincs 65
 Red Mudstones 24-26
 Reef Knolls 87-92, 219
 Reef Limestones 81-92, 214-216, 219
 Reviews 73-75, 161-164, 242
 Rhaetic 13-17, 101-105, 229, 235, 241
 - Bone Bed 13-17
 - Microflora 102-105
 "Rhaeto-Liassic Palynomorphs 101
Rhynconella plicatilis 65
Rhynchosauroides 70
 RILEY, L.A. and KING, A.D. 197
 River Dove 205, 213, 217-219, 221
 Lymm 63
 Waring 63
 Wye, Derbyshire 179, 195
 Wye, Herefordshire 233
 Roach Stone 63
 ROBINSON, D.N. 63
 Rosewood Marble Bed 179, 185-188, 195
Rugosochonetes hardrensis 217
- Saccaminopsis* 183, 195
 SADLER, H.E. 213
 St. George's Land 81, 85, 90, 91
 Sandiacre 171-176
 SARJEANT, W.A.S. 37, 41
 Scunthorpe 241
 Secretary's Reports 77-80, 243-245
 Sedimentary Structures 9-11, 69-70, 144, 160, 167, 175, 179, 188, 189, 195, 232, 233, 238, 239
 Shropshire 1-6
 Silurian 1-6, 230, 231
 SNOWBALL, G.A. 246
 Spilsby Sandstone 63-65
Spirifer sps. 187, 217, 219
 Sponge Bed 66
 Stapleford 167-176, 238
 Station Quarry Beds 145, 179, 181-186, 191, 195
 Stratigraphical Breaks 143
 Stereoscopic Ground Photographs 97
 Stony Clouds, Sandiacre 173, 175, 176
 Stormy Point Fault, Alderley 70
 Strelley 237
Striatifera striata 219, 221
 Sully Beds 103
 Surveys 45, 209
 Swaby Glacial Spillway, Lincs. 65
 Swancar Farm, Trowell Moor, Notts. 165-170, 174

- SYKES, J.H. 13
 Symonds Yat Rock 233
Syringopora sp. 85, 147
- Taddington 147, 183, 184
 Taddington-Bakewell anticline 189, 190, 191
 TAYLOR, F.M. 81
 TAYLOR, F.M. and ELLIOTT, R.E. 23
 TAYLOR, F.M. and HOULDSWORTH, A.R.E.
 165, 171, 237
 Tealby Series 63-66
Terebratula biplicata 65
 Tertiary Flora 45-58
 Tetford Hill Chalk Quarry, Lincs. 63
 Thealby Quarry, Scunthorpe 241
 THOMPSON, D.B. 69
Thysanophyllum sp. 87
 Tidenham Quarry, 234
 Tintern Abbey 234
 Totternhoe Stone 63
 Trace Fossils 70, 89
 Treak Cliff 89, 226
 Trent Gravels 107-108
 TREWIN, N.H. 1
 Triassic 9-11, 23-27, 69-71, 83, 229, 230,
 235
 Trowell 165-172, 175, 238
 Tunstead Quarry, Derbyshire 144
 Tupton Sandstone 167, 174
- West Ravendale Chalk Quarry, Lincs. 66
 Westbury Beds 103, 235
 White Cliff Coral Bed 147, 179, 186, 187, 195
 White Lias 101, 105
 Wilderness Quarry, Mitcheldean 232
 WILSON, G.J. 139
 Wintour's Leap, Woodcroft 235
 Wolfscote Dale Area 205-207
 Wolfscote Dale Limestone 205-207
 Woo Dale Beds 143, 144
 Wood Mine Conglomerates 69, 70
 Wye Valley, Derbyshire 143-147
 Wye Valley, Herefordshire 229-235
- Yaddlethorpe Stone 37-40
- Zaphrentites* 87
- Unconformity 165, 205
 Upperdale Coral Bed 185, 195
- Vincent House Beds 205
- WARRINGTON, G and THOMPSON, D.G. 69
 Watchet Beds 103
 Waterstones 25, 69, 71, 172, 239
 Welton-le-Wold Gravel Quarry, Lincs. 66
 Wenlock Limestone 1-6, 231, 232
 - Shales 1, 6
 West Mine Beds 69, 70, 71